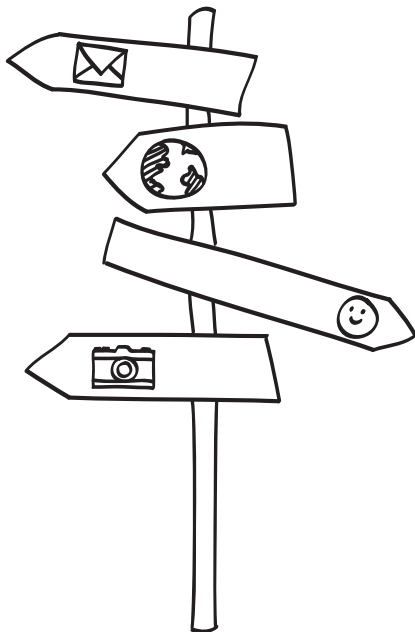# Your HTC HD mini
User guide

htc
quietly brilliant

Before you do anything else, please read this

Charge the battery
The battery in your phone hasn't been charged yet. While your phone is charging, it's important that you do not remove the battery pack. Doing so can damage your phone. Also, please don't try to take your phone apart. (If you do, it may invalidate your warranty.)

Choose a rate plan wisely
Your phone can use up a lot of Internet bandwidth really quickly. Before you use your phone, we strongly recommend that you talk to your mobile operator about data rates. If you're on a standard data plan, the costs could really add up. Switching to a flat-rate plan could be a lot cheaper.

Know about privacy laws
Some countries have strict laws about how and when you can record phone conversations. For example, you may need to tell the person you're speaking to before you start recording. It's a good idea to find out what the laws are where you live before you use your phone's recording feature.

And finally, a few important words from our legal team (LIMITATION OF DAMAGES)
To the maximum extent permitted by applicable law, in no event shall HTC or its affiliates be liable to you, any user, or third party for any indirect, special, consequential, incidental or punitive damages of any kind, arising in contract, tort, or otherwise, including, but not limited to, injury, loss of revenue, loss of goodwill, loss of business opportunity, loss of data, and/or loss of profits, regardless of the foreseeability thereof or whether HTC or its affiliates have been advised of the possibility of such damages. And in no event shall the total liability of HTC or its affiliates exceed the amount received from you, regardless of the legal theory under which the cause of action is brought. The foregoing does not affect any statutory rights which may not be disclaimed.

Please also read the Safety and regulatory guide that is included in the box for information on the proper usage of your phone to prevent injuries and to avoid damaging your phone. You can also refer to this guide for regulatory information about your phone.

You can also visit our support website at www.htc.com/support to download the Safety and regulatory guide and to access other helpful resources for your phone.

Trademarks and copyrights

Conventions used in this guide

In this user guide, we use the following symbols to indicate useful and important information:

This is a note. A note often gives additional information, such as what happens on your phone when you choose to do or not to do a certain action. A note also provides information that may only be applicable to some situations.

This is a tip. A tip gives you an alternative way to do a particular step or procedure, or lets you know of an option that you may find helpful.

This indicates that something is very important. Important information is something that you need to do in order to accomplish a certain task or to get a phone feature to work properly.

This provides safety precaution information, that is, information that you need to be careful about to prevent potential problems when using your phone.

Contents

Chapter 6 Synchronizing Information

Chapter 7 Exchanging Messages

Chapter 9 Internet and Social Networking

Chapter 1
Getting Started

1.1   Inside the Box

You will find the following inside the box:

- HTC HD mini
- Battery
- USB cable
- AC adapter
- 3.5mm stereo headset
- Quick Start Guide

1.2 Getting to Know Your Phone

Front panel

Notification LED — Earpiece

hTC

Touch Screen

TALK/SEND — END

BACK

HOME — START

Notification LED	This LED shows a: • Flashing green light when there is a missed call, new text message, new email, or other notification. • Solid green light when the phone is connected to the power adapter or a computer and the battery is fully charged. • Solid amber light when the battery is being charged. • Flashing amber light when the battery level is very low.
Earpiece	Listen to a phone call from here.
TALK/SEND	• Press to answer a call or dial out. • During a call, press and hold to turn the speakerphone on and off. • While viewing a message, press to call the sender.
HOME	Press to return to the Home screen.
START	Press to open the Start screen. Press twice to close.
BACK	Press to return to the previous screen.
END	• While in a call, press to end the call. • Press and hold to display the Quick List and choose whether to turn Airplane mode on, lock your phone, set your phone to vibrate, or disconnect the data connection.

Back panel

Speaker

5 Megapixel Camera

hTC

Back Cover

WITH HTC SENSE
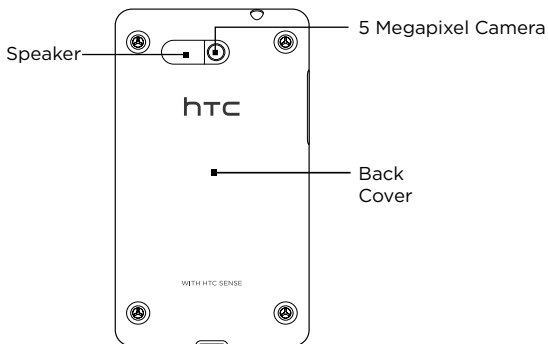
Left panel

VOLUME UP
Press to increase the earpiece volume during a call or the speaker volume.

VOLUME DOWN
Press to decrease the earpiece volume during a call or the speaker volume.

Bottom panel

Microphone
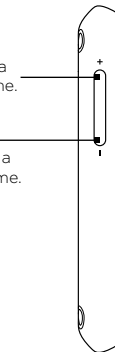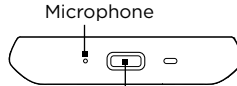
Sync Connector
• Connect the power adapter to recharge the battery.
• Connect the supplied USB cable to sync your phone with your computer.

Top panel
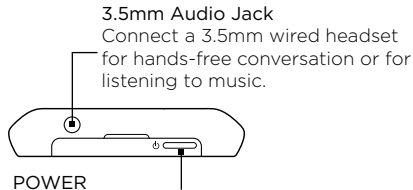
3.5mm Audio Jack
Connect a 3.5mm wired headset for hands-free conversation or for listening to music.

POWER
• Press and hold to turn the phone on and off.
• Press to turn the display on or off.

1.3 Before Charging the Battery and Turning On Your Phone

Before charging the battery and turning on the phone, you must first install the battery and SIM card.

You need to remove the back cover before you can install the battery, SIM card, and microSD card.

Removing the back cover

Remove the back cover to access the battery compartment, SIM card slot, and storage card slot.
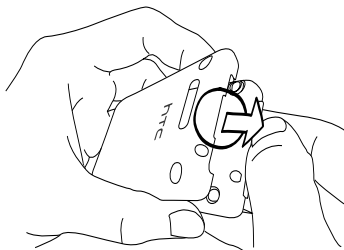
1. Hold your phone securely.
2. Pull from the gap on the top panel as shown.
3. Carefully remove the back cover.

Inserting the SIM card

The SIM card contains your phone number, service details, and phonebook/message memory. Your phone supports both 1.8V and 3V SIM cards.

Some legacy SIM cards may not function with your phone. You should consult with your mobile operator for a replacement SIM card. There may be fees for this service.
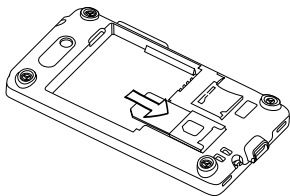
1. Insert the SIM card with its gold contacts facing down and its cut-off corner facing out from the slot.

2. Slide the SIM card completely into the slot.

Inserting the battery
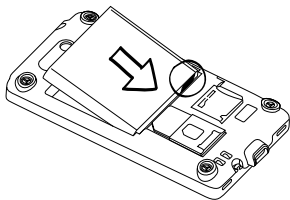
1. Align the battery's exposed copper contacts with the battery connectors inside the battery compartment.

2. Insert the contacts side of the battery first and then gently push the battery into place.

Inserting a microSD card

You can insert a microSD card (not included) for extra storage. The storage card slot is located next to the SIM card slot.
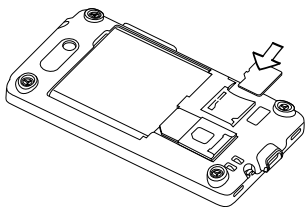
Insert the microSD card into the slot with its gold contacts facing down then push it in until it clicks into place.

To remove the microSD card, press it to eject it from the slot.

Replacing the back cover

After you have inserted the SIM card, battery, and microSD card, replace the back cover.
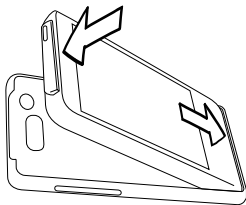
1. Insert the tabs inside the back cover into the holes inside the bottom panel of the phone.

2. Press the phone against the back cover until it clicks into place.

You must install the back cover for the antenna to function properly.

1.4 Charging the Battery

The battery is partially charged. Before you turn on and start using your phone, it is recommended that you charge the battery. Some batteries perform best after several full charge/discharge cycles.

> If the AC adapter that comes with your phone has interchangeable plugs, you must first attach the plug to the AC adapter before proceeding.

1. Connect one end of the USB sync cable to the sync connector on your phone.
2. Connect the other end of the USB sync cable to the USB port of the AC adapter.
3. Plug in the AC adapter to an electrical outlet to start charging the battery.
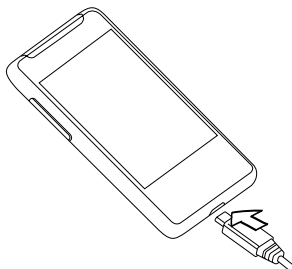
As the battery is being charged, the notification LED (located on the left side of the earpiece) shows a solid amber light when the battery is being charged. The light turns to solid green when the phone is fully charged.

When you charge the battery while your phone is on, you will also see a charging icon ⚡ in the title bar on top of the screen. After the battery has been fully charged, a full battery icon ▥ will be shown in the title bar.

✳ • Only the AC adapter and USB sync cable provided with your phone must be used to charge the battery.

   • Do not remove the battery from the phone while you are charging it using the AC or car adapter.

   • As a safety precaution, the battery stops charging when it overheats.

To reduce the risk of fire or burns:

   • Do not attempt to open, disassemble, or service the battery pack.

   • Do not crush, puncture, short external contacts, or dispose of in fire or water.

   • Do not expose to temperatures above 60°C (140°F).

   • Replace only with the battery pack designated for this product.

   • Recycle or dispose of used battery as stipulated by local regulations.

1.5 Starting Up

After installing the SIM card, battery, and microSD card and charging the battery, you can now power on and start using your phone.

Turning the power on
The button on top of your phone is the POWER button. Press this button to turn on your phone.

Setting up your phone for the first time
When you turn on your phone for the first time, your phone displays tutorials and guides you to set up your email accounts and favorite social networks such as Facebook®, YouTube™, and Twitter™.

You can follow the onscreen instructions to complete the setup, or skip the setup and do it at another time by pressing START and then tapping **Setup**.

> If you did not insert your SIM card and you turned on your phone for the first time, your phone displays a tutorial showing how to install the SIM card and battery. Turn off your phone, insert your SIM card, and reinsert the battery before proceeding to use the phone.

1. Your phone sets up GPRS/3G, MMS, and WAP connections automatically based on your SIM card. Wait for the setup to complete.

2. Your phone walks you through a tutorial on how to use the onscreen keyboard. Follow the tutorial to learn how to use the onscreen keyboard.

3. On the Sync Data screen, choose how you want to sync data for mail, contacts, calendar, weather, and other services.

4. If Wi-Fi® networks are in range, a message asks you whether to connect to a Wi-Fi network. Select **Connect to Wi-Fi network** and then tap **Next** to set up the wireless network that you want, or leave the check box cleared and tap **Next** to set up your Wi-Fi connection at a later time.

5. On the Google Location screen, you can choose whether to allow Google's location service to collect information about your location. Some phone features such as Weather and Footprints require Google's location service to automatically determine your current location.

> This service may incur additional data transfer fees from your provider. You can enable or disable this service later in your phone's location settings.

6. On the Set Up Accounts screen, choose the type of email account you want to set up and follow the onscreen instructions to complete the email setup.

   After setting up an account, you will be taken back to the Set Up Accounts screen so you can set up more email accounts. When you are done setting up your email accounts, tap Next.

7. On the Set Up Social Networks screen, choose the type of social network account such as Facebook and YouTube that you want to access from your phone. Follow the onscreen instructions to log in to your social network account.

   When you are done setting up your accounts, tap Next on the Set Up Social Networks screen.

8. Your phone then attempts to detect your current time zone and set your local time automatically.

   If auto detection is unsuccessful, tap Local Time Settings to set your local time.

9. The final screen shows you where you can learn more about using your phone. Tap Finish.

Switching to Sleep mode

Briefly press the POWER button on the top of your phone to turn off the display temporarily and switch your phone to Sleep mode. Sleep mode suspends your phone to a low power state while the display is off in order to save battery power.

Your phone automatically goes into Sleep mode when you leave the phone idle after a certain period of time. You are still able to receive messages and calls while your phone is in Sleep mode. Your phone wakes up automatically when you have an incoming call.

To wake up your phone manually, press the POWER button. You will then see that the phone has locked the screen. To find out how to unlock the screen, see "Lock Screen" in this chapter.

You can set the display timeout period. For instructions, see "To change backlight and automatic Sleep mode settings" in Chapter 14.

Turning the power off

If you do not need to use your phone, you can turn the power off to save battery power.

1. If the display is off, press the POWER button to turn the display back on.

2. Unlock your phone if the Lock screen is displayed. See "Lock Screen" for details.

3. Press and hold POWER for a few seconds.

4. Tap Yes.

1.6 Home Screen

The Home screen provides you with a weather clock that shows the time and weather of your current location and displays your upcoming appointment. Tap the respective item when you want to change the weather clock to display another location, update the weather information, or access the Calendar.

Essential features that you commonly use, such as People, Messages, Mail, Internet, and more, are easily accessed up front on the Home screen. The tabs at the bottom of the Home screen correspond to the different phone features. Simply press and hold on the active tab and then slide your finger right or left to the feature you want to use. You can also directly tap a tab.

You can also personalize the Home screen with an animated or picture wallpaper (by tapping Menu > Home Wallpaper), rearrange the tabs, as well as add quick links to people who matter most to you, your favorite websites, and applications.

For more information about using the Home screen, see Chapter 3.

1.7   Status Icons

Status icons are displayed in the title bar at the top of the screen. The following are some of the status icons that you may see on your phone.

📞!	Missed call	✉	New email
⚡	Battery charging	**H**	HSPA available
▥	Full battery	H	HSPA connected
▭	Very low battery	3G	WCDMA/UMTS available
🔊	Sound on	3G	WCDMA/UMTS connected
🔇	Silent	E	EDGE available
📳	Vibrate	E	EDGE connected
📶	Maximum signal strength	G	GPRS available
▽ₓ	Phone connection is off	G	GPRS connected
▽⋯	Searching for phone service	📡	Wi-Fi on
▽!	No phone service	♀	Wireless networks available
▽	No signal	📡⇄	Connected to a wireless network

📶	Voice call in progress	⬆	Uploading photo or video
📞	Speakerphone on	📥	Photo or video upload completed
🗇	Multiple notifications	⇄	Connection is active
🔔	Alarm	⇄ˣ	Connection is not active
🎧	Wired headset connected	↩	Sync in progress
🔵	Bluetooth on	📞	Call on hold
🔵👁	Bluetooth visible mode on	📞	Calls are forwarded
🎧	Bluetooth stereo audio	▲	Roaming
🔵	Bluetooth hands-free	📞	Dialing while no SIM card is inserted
👤	New Windows Live message	📵	No SIM card inserted
📨	New text or multimedia message received	📨	Sending multimedia message
📨	Multimedia message successfully sent		

1.8   Notifications

When you tap any of the status icons in the title bar, the Notifications screen opens and displays the remaining battery status, call duration of an ongoing phone call, network connection status, such as Wi-Fi (if your phone is connected to a Wi-Fi network), data connection usage (if your data connection is on), and other types of connections. This screen also shows all your pending notifications including missed calls and new SMS/MMS messages, and displays running processes such as in call info, voice recording info, and more.

Tap a status icon or item on the Notifications screen to open the related screen.

Tapping the Task Manager icon opens Task Manager. For more information, see "Using Task Manager" in Chapter 14.

To close the Notifications screen, tap **Close** or press the BACK button.

1.9 Start Screen

The Start screen gives you one-touch access to the programs and settings of your phone. To open the Start screen, press the START button (![][]).

On the Start screen:

- Swipe your finger up or down to scroll through the screen.
- Tap the **Today** icon to return to the Home screen. See "Home" in Chapter 3 for details.
- Tap an icon to open the corresponding program or open a folder containing more programs.
- Tap the **Settings** icon to access the settings of your phone.
- Tap **Lock** at the bottom-left corner of the Start screen to lock your phone. See "Lock Screen" for details.

Moving an icon to another location

You can arrange the Start screen icons the way you want by pressing and holding an icon that you want to move and then dragging the icon to a new location.

1.10 Lock Screen

The Lock screen is displayed whenever your phone is locked. You can lock your phone to prevent accidental button or touch screen presses when the phone is in your bag or pocket.

Locking your phone

Your phone automatically locks when one of the following occurs:

- The display is turned off (automatically or you have pressed the POWER button) and your phone goes to sleep mode. See "Switching to Sleep mode" earlier in this chapter for details.

- Your phone is password protected, and the set idle time has elapsed. Your phone locks itself and requires the correct password entry to unlock it. For more information about setting a password and idle time for your phone, see "Protecting your phone with a password" in Chapter 14.

You can also lock the phone manually. Press the START button and then tap **Lock** at the bottom-left corner of the Start screen, or press and hold the END button and tap **Lock Device** from the Quick Menu.

Unlocking your phone

When you see the Lock screen, slide the **Unlock Bar** down to unlock your phone.
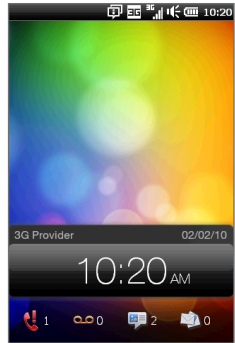
⌘ If you have set a password for your phone, you will be prompted for the password when you unlock the phone. See "Protecting your phone with a password" in Chapter 14 for information on setting a password.

Lock screen notifications

When your phone is locked, you are still notified of missed calls, new messages and voicemail, and upcoming appointments. All notifications are displayed below the Unlock Bar.

If there are multiple notifications, icons representing the types of received information are displayed along with the number of missed calls, new messages, or voicemail.

Receiving a call when the phone is locked

You can receive and answer calls even when your phone is locked. If a password has not been set, after you end the call your phone is unlocked.

⌘ If a password has been set, your phone remains locked after you end the call, unless you tap Unlock on the Phone screen during the call. For more information, see "Answering and Ending Calls" in Chapter 2.

1.11 Adjusting the Volume

You can set a single volume for both the system and the ring volume, or set their volumes separately. You can also separately control the phone volume of an ongoing call.

Adjusting the single volume

By default, your phone lets you separately set the system (notifications and audio/video playback) and the ring volume.

1. Press the VOLUME UP/DOWN button on the left panel of your phone to open the Volume screen.

2. Switch between the Ring Volume and Sytem Volume screens by tapping Ring or System at the top of the screen.

3. To increase or decrease the volume level, drag your finger up or down the volume bars, or press the VOLUME UP/DOWN button. You can also:

   • Tap Silent to mute the volume.

   • Tap Vibrate to switch the phone to Vibrate mode.

4. Volume screen automatically closes. You can also tap an empty area of the Volume screen to close it.
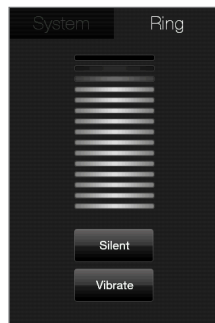
Setting a single volume

You can turn on the the **Single Volume** option to set a single volume for both the system and the ring volume. See "To set and adjust a single ring and system volume" in Chapter 14 for details.

Adjusting the phone call volume

Press the VOLUME UP/DOWN button on the left panel of your phone to adjust the volume during an ongoing call

For more information about making and receiving phone calls, see Chapter 2.

1.12 Using Finger Gestures

The touch screen of your phone is built for pure finger touch control. Use finger gestures to scroll, pan, and zoom in and out of the screen.

Finger scrolling

Finger scrolling can be used to scroll up and down Web pages, documents, and lists such as the contacts list, file list, message list, calendar appointments list, and more.

To scroll up and down

- To scroll down, swipe your finger upward on the touch screen. To scroll up, swipe your finger downward on the touch screen.
- To auto-scroll, flick your finger upward or downward on the touch screen. Tap the screen to stop scrolling.

To scroll left and right

- To scroll towards the right, swipe your finger to the left. To scroll towards the left, swipe your finger to the right.

  To auto-scroll, flick your finger left or right. Tap the screen to stop scrolling.

Finger panning

You can use finger panning to move to and view other parts of a zoomed photo, Web page, document, or an email. To pan, press and hold on the touch screen and then drag your finger in any direction.

Pinch zooming

When you are viewing Web pages, photos, messages, or documents, zoom in and out freely with just a simple pinch of your fingers. Using your thumb and index finger, press on the touch screen and spread your fingers apart to zoom in. Pinch your fingers together to zoom out.
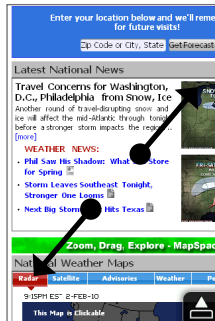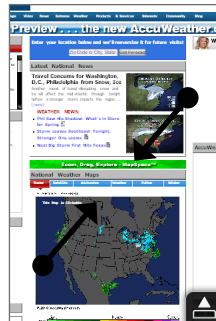
Zooming in   Zooming out

On certain screens wherein some onscreen controls or icons appear small and hard to tap on, you can also use pinch zooming to zoom in and out. After zooming in, the onscreen control or icon becomes larger and you can easily tap it with your finger. You will also see a small preview window, and you can drag your finger around this window to pan around the zoomed screen.
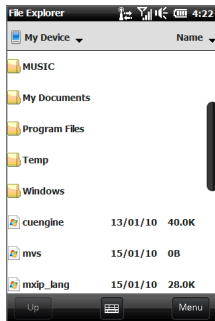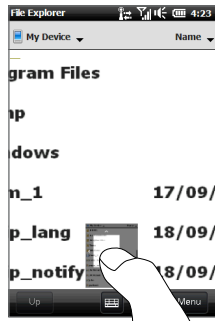
Normal screen   Zoomed screen

1.13 Connecting Your Phone to a Computer

Whenever you connect your phone to the computer with the USB cable, the Connect to PC screen displays and prompts you to choose the type of USB connection:

ActiveSync
Select this mode when you need to do the following:

- Sync Outlook email messages, contacts, calendar appointments, files, and other data between your phone and your computer.
- Have read and write access to the whole phone.

For more information about using ActiveSync, see Chapter 6.

Disk Drive
This mode is available for selection only when you installed a microSD card on your phone. Select this mode when you want to use your storage card as a USB thumb drive, and copy files between your phone's storage card and your computer faster.

When Disk Drive mode is enabled while your phone is connected to the computer:

- You will not be able to use your phone to access files on the storage card or run applications that are installed on the storage card.
- Your computer will only connect to the phone's storage card. When you access your phone from the computer, you will only see the contents of the phone's storage card.

Internet Sharing
When you do not have Internet access on your computer, you can select this mode to use your phone as a modem for your computer. For more information about using Internet Sharing, see "Using Your Phone as a Modem" in Chapter 9.

Chapter 2

Phone Calls

2.1 Making Calls

To make a call, you can either dial a number or select a contact you want to call. While viewing a message that you received, you can also directly call the sender of the message if the sender's phone number is stored in your contacts.

Before you begin making calls, add contacts to your phone by creating new contacts or synchronizing contacts to your phone. For more information about adding contacts, see "Adding Contacts to Your Phone" in Chapter 4.

Most SIM cards are preset with a PIN (personal identification number) that is provided by your mobile operator. When prompted, enter the preset PIN and then tap Enter. If you enter the wrong PIN three times, the SIM card is blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from your mobile operator.

You must install the back cover for the antenna to function properly.

Making a call from the Phone dialer screen

The Phone dialer's Smart Dial feature makes it quick and easy for you to place a call. Simply enter the phone number or first few letters of the person you want to call. Smart Dial automatically searches and filters your contacts list (stored on your phone and SIM card) and the phone numbers from the Call History. From the filtered list, select the number or contact you want to call.

1. To open the Phone dialer screen, press the TALK/SEND button on your phone.

2. Begin entering the first few numbers or letters by tapping the keys on the Phone keypad. As you enter numbers or letters, the Phone dialer screen displays matches found.

    If you tap a wrong number or character, tap ← to erase each subsequent digit or character. To erase the entire entry, press and hold ← .

3. Tap ⬛ to close the keypad and to see if there are more matching numbers or contacts found. To browse through the filtered list, flick through the list or slide your finger up or down the list slowly.
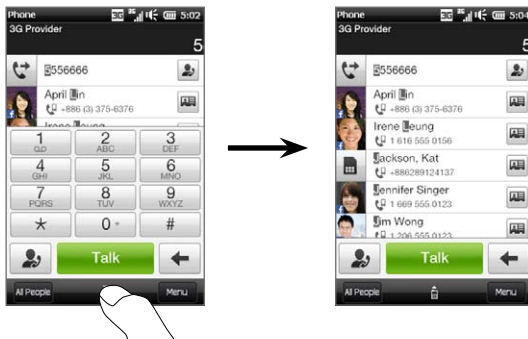
4. To call a number or contact, do one of the following:

- Tap the desired phone number or contact from the list.
- To call a different phone number associated with the contact, tap the contact card icon 🖼 on the right side of the contact name. On the contact summary screen, tap the number you want to call.

💡 • During a call, use the VOLUME UP/DOWN button on the side of your phone to adjust the phone volume.

- To save a phone number to your contacts, tap the Call History button (👤) that appears on the right side of the phone number, and then tap Menu > Save to People.

Calling voicemail

Number 1 is generally reserved for your voicemail. Press and hold this button on the Phone dialer keypad to call voicemail and retrieve your voicemail messages.

Making calls from received messages and calendar reminders

While you are viewing a text or email message, you can directly call the sender of the message if the sender is a stored contact on your phone. You can also call a phone number that is contained in the body of the message.

- For more information about calling from received text messages, see "Messages" in Chapter 3 and "Directly Making Calls from Text Messages" in Chapter 7.
- For more information about calling from received email, see "Mail" in Chapter 3 and "Directly making calls from email messages" in Chapter 7.
- You can also directly make calls from meeting request email and calendar reminders. See "Making a Call from a Meeting Request or Reminder" in Chapter 8 for details.

Making an emergency call

On the Phone dialer screen, enter the international emergency number for your locale, and then press the TALK/SEND button on your phone.

> Additional emergency numbers may be included in your SIM card. Contact your mobile operator for details. You can place emergency calls even when a SIM card is not inserted.

Making an international call (plus code dialing)

To make an international call, first press and hold the number 0 key on the Phone dialer screen until the plus (+) sign appears. The plus (+) sign replaces the international prefix of the country that you are calling.

After the plus (+) sign, enter the complete phone number to call, which includes the country code, area code (without the leading zero, if any), and phone number. Tap **Talk** on the screen or press the TALK/SEND button on your phone to dial the number.

Home dialing

Home dialing is a feature which helps you easily dial a phone number in your home country while you are roaming internationally.

To make a call using home dialing

Your phone is able to recognize your home country information from your SIM card and can automatically prepend your country code to the phone number when you place calls to your home country while roaming.

1. Simply enter the local phone number in your country without the plus (+) sign and leading zero, and then tap **Talk**.

   > • If you enter a leading zero, it will be removed automatically.
   >
   > • If you enter a plus (+) sign before the phone number, your phone will just dial normally using plus code dialing.

2. The Home Dialing screen then opens and displays the phone number already prepended with your home country code.

- Tap **Yes, use number above** to dial the displayed number.

- To change the prepended code to another country, tap the country selection box and choose the country that you want. The displayed number now changes with the code of your selected country prepended. Tap **Yes, use number above** to dial the displayed number.

To turn off home dialing

If you prefer to use direct dialing (that is, manually entering and dialing complete numbers) and not home dialing, you can turn the home dialing feature off.

1. Press the HOME button to return to the Home screen.

2. On the Home screen, slide to the **Settings** tab and then tap **Menu > All Settings**.

3. Tap **Personal > Phone**.

4. Tap the **Advanced** tab and then clear this check box: **Add home country prefix to phone numbers when roaming internationally**.

5. Tap **Done**.

2.2 Answering and Ending Calls

When you receive a phone call, the Incoming Voice Call screen will appear, allowing you to either answer or ignore the call.

> If you have included the caller's birthday in their contact information, the Incoming Voice Call screen displays a reminder.

Accepting or rejecting an incoming call

To answer a call
Press the TALK/SEND button, or fully slide the center button of the Answer/Ignore bar to the left.
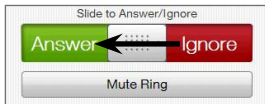
To reject a call
Press the END button, or fully slide the center button of the Answer/Ignore bar to the right.
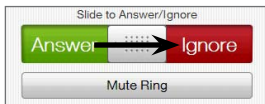
To mute the ring without rejecting the call
Tap Mute Ring or press the VOLUME DOWN button.

When your phone rings, placing the phone face down also mutes the ringtone.

If the phone is already facing down, the phone will still ring when there are subsequent incoming calls.

To reject a call and send a text message

When you are busy and unable to take an incoming call, you can send a text message to the caller and reject the incoming voice call. Tap **Send Text** when you have an incoming call, use the preset message or enter another message, and then tap **Send**.

To change the preset message for rejecting calls in your phone settings, open the Phone dialer screen, tap **Menu > Options**, scroll down the Phone Settings screen and tap **Reject call with Message**, and then enter your new preset message in the provided text box.

To automatically lower the ring volume when picking up the phone

You can set your phone to automatically lower down the ring volume whenever you pick up the phone to answer calls.

1. Press the HOME button to return to the Home screen.
2. On the Home screen, slide to the Settings tab and then tap **Sound & display**.
3. Scroll down the screen and then tap **Quiet ring on pickup** to turn this feature on.
4. Tap **Back** to return to the Home screen's Settings tab.

To automatically increase the ring volume when the phone is in your pocket

To help avoid missing incoming calls when your phone is in your pocket or bag, you can set it to gradually increase the ring volume and vibrate when you receive a call. When not in your pocket or bag, the phone will ring at the normal volume you set.

1. Press the HOME button to return to the Home screen.

2. On the Home screen, slide to the Settings tab and then tap **Sound & display**.

3. Scroll down the screen and then tap **Pocket mode** to turn this feature on.

4. Tap **Back** to return to the Home screen's Settings tab.

During a call

When a call is in progress, use the call function buttons to put a call on hold, dial another contact for a phone conference, and more.

- When you move the phone closer to your ear, the screen is disabled and the HOME, START, BACK, and END keys lock so that you do not accidentally press them during the phone call.

- If you have included the caller's birthday in their contact information, the Incoming Voice Call screen displays a reminder.

- If you recieve a call when a password has been set and the phone is locked, the onscreen buttons are unavailable except for **End** and **Unlock**. Tap **Unlock** to unlock the phone and have access to the onscreen buttons.
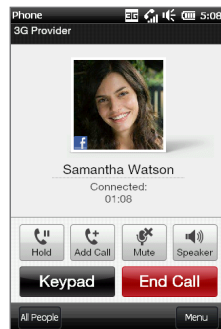
To use the speakerphone

Placing your phone face down automatically turns on the speakerphone. To turn the speakerphone off, place your phone face up.

You can also tap the onscreen **Speaker** button (🔊) or press and hold the TALK/SEND button to turn the speakerphone on or off.

The speakerphone icon (📢) appears in the title bar when the speakerphone is on.

⚠ To prevent potential damage to your hearing, do not hold the phone against your ear when the speakerphone is on.

To mute the microphone during a call

Tap the **Mute** button (🎤) to turn the microphone on or off. When the microphone is turned off, the mute icon (🎤×) appears on the screen.

To take two calls and switch between the calls

1. Press the TALK/SEND button to accept a second call, or tap the **Add Call** button (📞) to dial a second call. The first call is put on hold when you accept or dial the second call.

2. To switch between the two calls, tap the **Swap** button (↑↓) or tap the dim area onscreen that shows "On Hold".

To end calls

To end the current call, tap **End Call** or press the END button. If you have two ongoing calls, tap **Menu > End All Calls** to end both calls.

2.3 Using Call History

The missed call icon (📞) appears in the title bar when you missed a call. Use the Call History to check who the caller was or view all your dialed numbers and received calls.

Received call — Samantha Watson 1 425 555 0177 (m) 5:32 PM
Missed call — Charles Collins +44 (0) 1753218961 ... 5:31 PM
Dialed number — Ben Carter 0988174940 (m) 5:30 PM
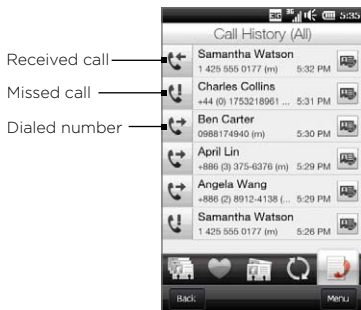
You can access the Call History from **People**, the Notifications screen, or from the Phone dialer's menu:

- On the Home screen, slide to the **People** tab, tap **All People**, and then tap the **Call History** tab (rightmost tab).
- When you see the missed call icon (📞) in the title bar, tap the title bar to open the Notifications screen, and then tap **Missed Call**.
- Press TALK/SEND to open the Phone dialer and then tap **Menu > Call History**.

If you have a long list of calls in the Call History tab, tap **Menu > Filter**, and then select the type of call you want to display.

To view the exchange of calls with a particular contact, tap the **Contact Card** button (🖼) that appears to the right of the contact.

2.4 Speed Dial

Use **Speed Dial** to call frequently-used numbers with a single tap. For example, if you assign a contact to the location **2** in Speed Dial, you can press and hold the **number 2** key on the Phone dialer keypad to dial the contact's number.

Creating a Speed Dial entry

Number **0** and **1** keys are reserved and cannot be assigned as speed dial keys. The number **1** key is reserved for voicemail. You can set any number between 2 and 99 as a speed dial key.

1. Press TALK/SEND to open the Phone dialer screen.
2. Tap **Menu > Speed Dial**. The Speed Dial list will be displayed.
3. Tap **Menu > New**.
4. Tap a contact, and then select the phone number of the contact that you want assigned to the speed dial key.
5. In **Location**, select an available key to use as the speed dial key.
6. Tap **Done**.

- When you assign a new phone number in an occupied speed dial key, the new phone number will replace the existing one.

- To delete a Speed Dial entry, press and hold the entry in the Speed Dial list and then tap **Delete**.

Making a call using Speed Dial

Do the following to call the contact that is assigned to a speed dial key:

- On the Phone dialer screen, press and hold the assigned key, if it is a single-digit speed dial number.

- To dial a two-digit speed dial number, tap the first number key first, and then press and hold the second number key.

2.5 Making Conference Calls

There are two ways to start a conference call from the Phone dialer screen. You can choose your participants first before starting the conference call. You can also dial or accept multiple calls one at a time and join them into a conference call.

> Make sure your SIM card is enabled with conference calling service. Contact your mobile operator for details.

Selecting participants and starting the conference call

You need to enable conference mode in the Phone dialer so you can choose participants and start the conference call.

1. Press the TALK/SEND button to open the Phone dialer.
2. Tap **Menu > Conference Mode**.
3. If this is your first time to use conference mode, a message will be displayed, reminding you that conference calling service needs to be enabled first by your mobile operator before you can use it on your phone. If you do not have this service, contact your mobile operator to have it provisioned in your calling plan.

   If you are ready to use conference calling, tap **OK** to proceed.
4. Tap 📇 to close the Phone dialer keypad so you can scroll and select from contacts or phone numbers.
5. Select conference call participants by selecting the check boxes of contacts or phone numbers, and then tap **Conference**.

   The participants list is then displayed.

   > • If you want to choose from other stored phone numbers of a participant, tap the **Phone Selection** button (📱) that appears next to the participant's name and then select another number.
   > • To remove a participant before starting the conference call, tap **Keypad** and clear the check box of that participant.

6. Dial the first participant by tapping the **Talk** button (📞) that appears to the right of this participant.

7. When the first call is connected, tap the **Talk** button (📞) of the second participant to dial the second call. The first call is automatically put on hold.

8. When the second call is connected, tap the **Join** button (📞) to add it to the conference call. After combining the calls to the conference, dial the next participant.

9. Repeat steps 7 and 8 until all participants are added and connected to the conference call.

10. While the conference call is in progress, you can still dial and add more calls. Tap **Invite participants** (👤) to dial another call.

The maximum number of conference call participants is five (operator dependant).

Making the first call and adding calls to the conference

To set up a conference call, you can make the first call and then dial each subsequent call to add to the conference.

1. Press the TALK/SEND button to open the Phone dialer.

2. Make a call to the first participant or accept an incoming call.

3. When the first call is connected, accept a second call, or tap the **Add Call** button (📞) to call the second participant. The first participant is put on hold when you accept or dial the second call.

4. When the second call is connected, tap the **Conference** button (👥) to start a conference call.

5. To add another participant to the conference call, tap **Invite participants** (👤) and then dial another call. The conference call is put on hold when you dial another call.

6. When connected, tap the **Join** button (📞)to add the participant to the conference call.

7. Repeat steps 5 and 6 if you want to dial and add more participants to the conference call.

> The maximum number of conference call participants is five (operator dependant).

During the conference call

You can turn on the speakerphone during the conference call by simply placing your phone face down.

When you tap a participant while the conference call is in progress, you will see these buttons:

To talk in private with the selected participant, tap the **Private** button (🔳). This separates the participant from the conference call and puts the others on hold. When you want to swap between the private call and the conference call, tap the dim area that shows "On Hold".
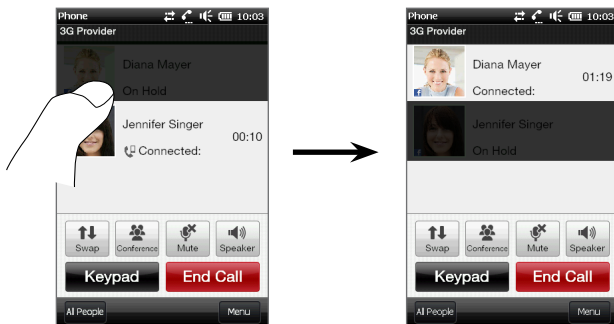
You can end the private call by tapping **End Call**.

To end the conference call and stay connected with the private call, tap **Menu > End Held Calls**. To end the private call and the conference call, tap **Menu > End All Calls**. If you do not have a private call, tapping the **End Call button** at the bottom of the screen ends the conference call.

Making a conference call from an email

From a received email message, you can directly start a conference call with the sender and other recipients of the email if you have their phone numbers stored in your contacts.

For more information about starting a conference call from a received email, see Chapter 8.

2.6 Turning the Phone Connection On and Off

In many countries, you are required by law to turn off the phone while on board an aircraft.

To enable or disable the phone connection

1. On the Home screen, slide to the **Settings** tab, and then tap **Wireless controls**.
2. Tap the Off/On slider at the right side of the **Phone** option to enable or disable the phone connection.

To enable or disable Airplane mode

Another way to turn off the phone connection is to switch your phone to **Airplane mode**. When you enable Airplane mode, all wireless radios on your phone are turned off, including the phone connection, Bluetooth®, and Wi-Fi.

1. On the Home screen, slide to the **Settings** tab, and then tap **Wireless controls**.
2. Tap **Airplane mode** to enable or disable Airplane mode.

When you disable Airplane mode, the phone connection is turned back on and the previous state of Bluetooth and Wi-Fi are restored.

Chapter 3

Using the Home Screen

3.1 About the Home Screen

The Home screen is the quickest route to the essential features of your phone, which include People, Messages, Mail, Internet, and more. The tabs at the bottom of the Home screen correspond to the different phone features.

🏠 Home	📷 Photos & Videos
👥 People	🎵 Music
💬 Messages	🌥 Weather
✉ Mail	🐦 Twitter
🌐 Internet	🖼 Footprints
📅 Calendar	⚙ Settings
📊 Stocks	

3.2 Switching Between the Tabs of the Home Screen

To switch between the tabs, you can do one of the following:

- Tap the desired tab on the Home screen.
- Press and hold your finger on the active tab, and then slide your finger right or left over the tabs. Release when you have selected the desired tab.
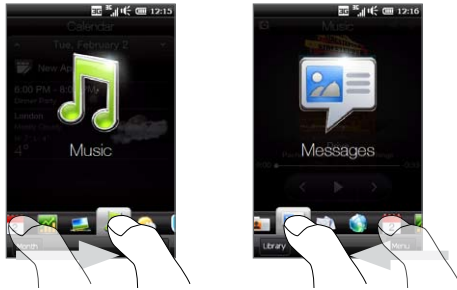
While on any other tab or screen, press the HOME button to return to the Home tab.

3.3 Personalizing Home Screen Tabs

You can move or hide the tabs on the Home screen, except for the
Home tab. The **Settings** tab can be moved on the Home screen but
cannot be hidden.

1. On the **Home** tab, tap **Menu > Personalize Home Screen Tabs**.
2. To move a tab, press and hold the icon before the tab name, and
   then drag it up or down the tabs list. Release the icon when you
   reach the desired location.
3. To hide a tab, clear the check box at the right of the tab name.
4. Tap **Done**.

3.4 Home

Check the time and weather of your current location directly from
the **Home** tab.

On this tab, you will see a flip-style weather clock, the current date,
and an alarm icon that indicates whether the alarm clock is on
or off. Below the date, missed calls and your upcoming calendar
appointment (current day or next day appointment) or a link to
Calendar (if you do not have an appointment) are shown. Tap the
respective item when you want to change the weather clock to
display another location, update the weather information, set the date
or alarm clock, view your call history, or access the Calendar.

You can also personalize the Home tab with your own wallpaper.

Weather clock

Date

Alarm icon

Calendar appointment

Changing the wallpaper

On the Home tab, you will see a lifelike animation of your current weather. You can change the wallpaper of this weather animation or choose another animated wallpaper for the Home tab.

On the Home tab, tap **Menu > Home Wallpaper** and do one of the following:

- To choose another wallpaper image for the weather animation, tap **Weather Wallpaper**. On the subsequent screen, select one of the presets to use as your wallpaper.

    If you have your own custom wallpaper that you want to use, tap **Albums** and then tap **All**. Scroll through the photos stored on your phone and storage card and then tap the photo that you want to use.

- To choose another animated wallpaper, tap **Animated Wallpaper** and select one of the preset animations.

To reset the Home tab back to the weather animation, tap **Menu > Home Wallpaper > Weather Wallpaper** and select any wallpaper image.

Updating weather information

Your phone can determine your current location and display your local time and weather conditions on the weather clock.

If the weather clock does not show the most recent weather conditions or does not show any weather information for some reason (such as when the auto download option is disabled), tap the weather image or the "My Location" text to go to the **Weather** tab and then tap **Update Now**. The most recent weather information of your location will then show on both the **Weather** tab and the **Home** tab's weather clock.

You can set the time interval for auto updating weather information on the Home tab. Press the HOME button to return to the Home tab, tap **Menu > Weather Settings**, and then choose a time interval.

For more information about viewing weather information, see "Weather" later in this chapter.

Selecting another location to display on the Home tab

You can change the Home tab to display the date, time, and weather information of another location.

1. On the Home tab, tap the clock.

2. The World Clock screen opens. Scroll through the list of cities.

3. If the location that you want is not listed, tap **Add City**.

   On the Add Location screen, enter the first few letters of a country or city name. The screen then displays a matching list of locations. Scroll through the list and then tap the name of the desired city.

4. On the World Clock screen, scroll through the list of cities and select a city. To select, tap on the circle that appears to the left of the city.

⭐ • You can rearrange or remove cities on the World Clock screen. Tap **Menu > Rearrange Cities** and then drag them to the order that you want. Tap **Menu > Remove Cities** to delete one or more cities.

• Locations that you added to the World Clock screen are also added to the Weather tab.

Changing the date and time

If you want to change the date shown on the Home tab, tap the date and then choose another date. When you have finished setting the date, tap **Set**.

To change the local time displayed on the Home tab, tap **Menu > Set Local Time and Date** and set the new time. Tap **Done** to change to the selected time.

⭐ You can also change the date and time from the World Clock screen.

Setting the alarm clock

When the alarm clock is not enabled, "Alarm Off" will be shown on the Home tab. Tap it to open the Alarm Clock screen so you can turn on and set the alarm clock.

1. On the Alarm Clock screen, tap an Off/On switch to turn on an alarm clock. You can turn on and set up to three alarm clocks.

2. Tap the time of one of the alarm clocks that you turned on.

3. On the Set Alarm screen, set the time and days when to sound the alarm clock.

   > Select multiple days by tapping each desired day. Tap a selected day to exclude it from the alarm.

4. You can enter a description and select the alarm clock sound. You can also choose whether you want your phone to vibrate when the alarm goes off.

5. Tap Done.

6. To set the other alarm clocks, repeat step 2 to 5.

> When an alarm goes off, you have the choice to Snooze or Dismiss the alarm. When you select Snooze, the alarm will sound again after 5 minutes.

Adding and removing quick links

Quick links are shortcuts that give you one-touch access to your favorite programs, people who matter most to you, and frequently-visited websites. Up front on the Home tab, you can add up to nine quick links. Swipe your finger up on the screen to access your quick links.

When you swipe your finger up on the screen, the appearance of the Home tab changes, showing only the date, time, and alarm icon on a horizontal bar. Tap the horizontal bar when you want to change the date, time, or alarm clock setting. (Tapping the horizontal bar opens the World Clock screen.)

To add a quick link, tap an empty slot and then choose the type of shortcut to add to the Home tab.

To remove a quick link, press and hold the quick link until the phone vibrates and the quick link enlarges slightly, and then drag it away from its container. Release the quick link when it turns red.

To remove multiple quick links, tap Menu > Remove Quick Links, tap the quick links you want to remove, and then tap Done.

3.5 People

Add the people who matter most to you to the **People** tab so you can quickly make calls or send text and email messages to them without going through your contacts list. You need to have contacts already stored on your phone before you can add them to the People tab.

From the People tab, you can also set up your own contact card and share it, add new contacts, and easily view exchanged text, multimedia and email messages with a contact. If contacts have their own Facebook account, you can view their Facebook status and updates.

For more information about using the People tab, see Chapter 4.

3.6 Messages

Quickly browse through and read text messages as they arrive directly from the **Messages** tab. This tab also displays received multimedia messages. An attachment icon is shown to indicate that a received message is a multimedia message. You only see the subject of the multimedia message.

Text message   Multimedia message

On the Messages tab, you can:

- Swipe your finger up or down the screen to flip through received text and multimedia messages.
- Tap a displayed message to view the entire message thread from the sender.
- If the sender is a stored contact, you can press TALK/SEND to automatically fill in the sender's phone number on the Phone dialer screen so you can call the sender.
- Tap the **New Message** icon ( ) on the upper right side of the screen to create a new text message.

- • Tap **All Messages** to access your inbox and other message folders.
- • Tap **Menu** to access more options for handling messages.

For more information about working with text and multimedia messages, see Chapter 7.

3.7 Mail

Set up your email accounts on the **Mail** tab so you can easily check your email and send email messages. After selecting an email account, you can flip and browse through received email by swiping your finger up or down the screen.

Adding your Internet email account
The Mail tab lets you send and receive email from your webmail or other accounts, using POP3 or IMAP.

1. On the Home screen, slide to the Mail tab.
2. If this is your first time to set up an email account, tap the big email image at the center of the screen or tap **Add Account** at the bottom of the screen. Otherwise, tap **Menu > Add Account**.
3. On the subsequent screen, select an email provider. If your email provider is not listed, tap **Other**.
4. Enter your email address and password, and then tap **Next**.
5. Enter your name and the account display name, and then tap **Next**.

   If the type of email account you want to set up is not in the phone database, the subsequent screens will prompt you to enter more details, such as the incoming and outgoing email server settings. Obtain these settings from your email provider.

6. If you want your phone to automatically send your email messages and download received email at a set interval, ensure that the **Send/Receive email automatically** check box is selected and then choose the desired time interval.

7. Tap **Done**.

Adding your Outlook work account

If you connect to an Exchange Server for your work email, calendar, contacts, and tasks, you can set up your Outlook work account on your phone. Although your phone supports multiple email accounts, you can only have one Outlook account on your phone at a time.

You need to set up and use an Outlook account that syncs with a server running Microsoft Exchange Server 2003 Service Pack 2 (SP2) or Microsoft Exchange Server 2007.

1. On the Home screen, slide to the Mail tab.

2. If this is your first time to set up an email account, tap the big email image at the center of the screen or tap **Add Account** at the bottom of the screen. Otherwise, tap **Menu > Add Account**.

3. On the subsequent screen, tap **Outlook**.

4. Enter your work email address and password, and then tap **Next**.

   Mail Setup will download Exchange Server settings to your phone.

   If Exchange Server settings cannot be downloaded to your phone, you need to obtain the Exchange Server settings, such as the domain and Exchange Server address, from your network administrator and enter them in the provided text boxes. (The server address must be the Outlook Web Access address.)

   Also consult your network administrator if the option, **This server requires an encrypted (SSL) connection**, needs to be enabled or disabled.

5. Select **Mail** and other information types to sync with the Exchange Server.

6. By default, your phone is set to use Direct Push so that Outlook email and other information can be instantly synchronized to your phone as they arrive or are updated on the Exchange Server at work.

   If you do not want to use Direct Push, you can set a regular schedule for synchronizing Outlook email and other information to your phone. Tap **Advanced Settings** and then set the **Peak time** and **Non-peak time** accordingly.

   > You can select a shorter interval in the **Peak time** box and a longer interval in the **Non-peak time** box so that Outlook email and other information are synchronized more frequently during your work hours.

7. Tap **Done**. Your phone then syncs with the Exchange Server and downloads your email messages.

Checking and reading email
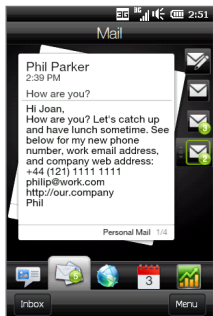
When you have newly received or unread email messages, the icon on the Mail tab and the respective icons of your email accounts will show the number of new email messages.

The mail icons displayed on the right side of the screen are your email accounts. Tap an icon to select an email account.

After selecting an email account, you can:

- Browse through received email messages in the selected account by swiping your finger up or down on the screen.
- Tap the displayed email message to open and read the message.
- If the sender is a stored contact, you can press TALK/SEND to automatically fill in the sender's phone number on the Phone dialer screen so you can call the sender.
- Tap the **New Email** icon ( ) to create a new email message.
- Tap **Inbox** to access the inbox and other message folders of your account.
- Tap **Menu** to choose whether to add another email account, send and receive email messages, and more.

For more information about working with email messages, see Chapter 7 and 8.

3.8 Internet

Easily search for information on the Web. Directly on the **Internet** tab, you can enter words on the search bar and then tap the **Search** icon (🔍) to open the Web browser and locate the information that you want. You can also tap **Launch Browser** or the globe image to open the Web browser.

Search bar

Web favorite

Available slot for adding a Web favorite
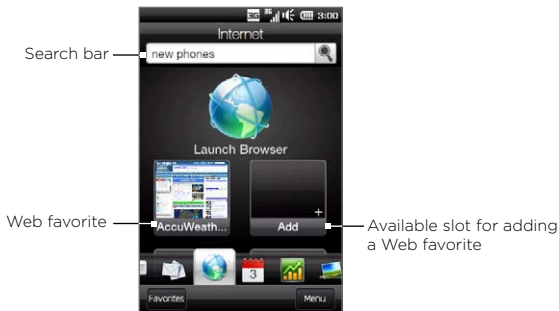
For more information about using the Web browser, see Chapter 9.

Adding and removing Web favorites

To quickly access frequently-visited websites, you can add them as Web favorites to the Internet tab. You can add up to 10 Web favorites.

To add a Web favorite

1. On the Internet tab, tap an empty slot and then tap **Add Favorite**.
2. Enter a title and the website address, select a folder in which to save the favorite, and then tap **Done**.

When the first two slots are occupied, swipe your finger up on the screen to access more slots for adding Web favorites

To remove a Web favorite
Press and hold the Web favorite until the phone vibrates and the Web favorite enlarges slightly, and then drag it away from its container. Release the Web favorite when it turns red.

To remove multiple Web favorites, tap **Menu > Remove Favorite Shortcut**, tap the Web favorites you want to remove, and then tap **Done**.

Including location information in Internet searches

You can choose to include your current location in Internet searches you perform from the Internet tab's search bar. Including this information in searches lets you get search results relevant to your location.

1. On the Internet tab, tab **Menu > Enable My Location**.
2. If prompted, tap **Agree** on the Google Location screen to allow Google's location service to collect information about your location.

When you enable location aware search, your location is displayed below the search bar.

3.9 Calendar

Keep track of your important appointments and events with the calendar.

The **Calendar** tab displays a monthly calendar with markers to inform you of the dates that you have appointments and events. You can also change the tab to display in day, week, year, or agenda view.

Agenda view displays appointments for the next seven days, including the current day.

Creating an appointment

Easily add your appointments and events to the calendar and set reminders.

1. On the Home screen, slide to the **Calendar** tab.

2. If you are creating an appointment for the current date, tap **Menu > New Appointment**. Otherwise, tap another date on the calendar and then tap **New Appointment**.

3. Enter a name for the appointment in the **Title** box and the location.

4. Set the **Start** and **End** dates and times.

   Otherwise, if it is a special occasion such as a birthday or a whole-day event, select the **All Day** check box.

5. Under **Reminder**, choose how soon before the appointment you want to be notified.

6. Select the category for the appointment so that it can be grouped with other related appointments. Tap the box under **Category**, and then select a preset category (Business, Holiday, Personal, or Seasonal).

7. Fill in the other details of the appointment.

8. When finished, tap Done.

Viewing and managing your appointments

In month view, the highlighted date indicates that it is the current date. Dates with appointments are indicated by a triangle (◣) at the upper-right corner of the date box.

To check your appointments

To check what appointments you have during a certain date, tap a date on the month calendar. The Calendar tab then changes to Day view and displays all your appointments and the weather information for that day.

Month view   Day view

The weather information appears only if you have set your local time to a city on the World Clock, and if the appointment date is within the 5-day forecast on the Weather tab. See "Home" and "Weather" in this chapter for details.

In Day view, tap an appointment to view complete details of that appointment. On the subsequent screen, you can tap **Menu** to choose whether to edit or delete the appointment.

When in month view, swipe your finger up or down the screen to display the next or previous month on the calendar. You can also tap the Up and Down arrows that appear on the left and right sides of the month.

To change between different calendar views
On the Calendar tab, tap **Menu** and then choose whether to display the calendar in **Agenda**, **Day**, **Week**, **Month**, or **Year** view.

3.10 Stocks

Get the latest stock updates by adding your favorite stock quotes and market indexes to the **Stocks** tab.

Downloading stock or stock market information may incur additional fees from your mobile operator. Contact your mobile operator for details.

Adding stock quotes and market indexes

You can add up to 30 stock quotes and market indexes to the Stocks tab.

1. On the Home screen, slide to the **Stocks** tab and then tap **Menu > Add Stock**.

2. On the Add Stock screen, enter the company name, stock market index, or ticker symbol in the search box, and then tap the **Search** button (🔍).

3. Matched search results will then be displayed. Swipe upward to scroll down the screen and access more search results.

4. Tap the company name, stock market index, or ticker symbol to display it on the Stock tab.

5. To add another stock quote or stock market index, repeat steps 1 to 3.

Viewing stock information

The Stocks tab lists all your stock quotes and stock market indexes, including the current price or volume, and the change in price or volume from the previous trading day. The change in price or volume box indicates whether the stock or stock market has gained (green) or declined (red).

1	Swipe your finger upward to scroll down the list of stock quotes on the Stocks tab. Tap the stock quote or stock market index name to view its intraday chart and other details.
2	Shows the time of the last stock information update. Tap this item or tap Update Now at the bottom-left side of the screen to download the latest stock information.
3	Shows the current trading price or volume.
4	Tap a green or red box to switch between showing the change in points/price or percentage from the previous trading day.
5	Tap Menu to add, delete or rearrange the stock quotes and market indexes. (When rearranging the list, drag items up or down the list to change their order.)

Stock information is automatically downloaded and displayed on the Stocks tab at a preset time. If you want to change the download time or turn off auto download, tap Menu > Settings and change these download settings. You can also change the color for displaying stock price increases to red, if that is what's being used in your country.

3.11 Photos & Videos

Easily browse through your photos and video clips and view them in full screen right from the **Photos & Videos** tab. You can also open the Camera and capture photos and video clips.

On the Photos & Videos tab, you can:

- Flip through photos and videos by swiping your finger up or down the screen.

- Tap the displayed photo or video to view or play it in full screen.

- Tap the **Camera** button (🔳) or **Video Camera** button (🔳) on the right side of the screen to capture a photo or video using the Camera.

- Tap **Slideshow** to view the photos as a slideshow. If a video is selected, tap **Play**.

- Tap **Albums** to view photos and videos using the Albums program. (See "Viewing Photos and Videos Using Albums" in Chapter 12 for details.)
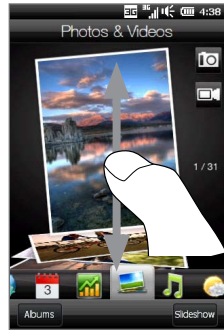
3.12 Music

Enjoy listening to music while on the go. Download or copy entire albums or selected music tracks to your phone and listen to them using the **Music** tab.

Your phone searches for all supported music files from the following locations:
Phone:\My Music (including all subfolders)
        \My Documents (including all subfolders)
Storage Card: \Storage Card (including all subfolders)
For information about supported music file formats, see "Specifications" in the Appendix.

Playing music
Swipe your finger up or down the screen to browse through all the music tracks stored in your phone and storage card to find the music you want to listen to.

1	Tap to update album covers. (You can also tap **Menu > Update Album Art** and choose what to download and update.)

$\mathbb{Q}$ Updating album covers may result in additional data charges.

2	Shows the repeat mode (Repeat All, Repeat One, or Repeat Off).
3	Shows whether shuffle mode is on or off.
4	Press and hold on the thin bar below the album art to display the progress bar. Drag your finger right or left on the progress bar to move forward or backward in the current track.
5	Tap the **Play** button to play the selected music track.
6	Tap the **Next** button to go to the next music track.
7	Tap the **Previous** button to go to the previous music track.

Setting repeat and shuffle modes

Tap **Menu > Repeat**, and then choose whether to repeat the current track, repeat all tracks in the current album or playlist, or not to repeat. To turn shuffle mode on or off, tap **Menu > Shuffle**.

The icons on the upper-right side of the Music tab show whether repeat and shuffle modes are enabled.

$\mathcal{C}_\bullet$ Repeat One $\mathcal{C}$ Repeat All $\rtimes$ Shuffle On

Finding albums and music tracks in the Library

The Library organizes music into categories, such as **All Songs**, **Artists**, **Albums**, **Genres**, and more. If you added new albums or music tracks to your phone, you can find them in the Library.

1. On the Music tab, tap **Library**.
2. The tabs at the bottom of the Library screen correspond to the different categories. Select a category.

For example, if you are looking for songs by a particular artist, slide to the **Artists** tab and then tap the artist name. To browse through all music tracks that are stored on your phone and storage card, slide to the **All Songs** tab.

3. Tap the first track or any track in the list. The music then begins playing on the Music tab, starting from the track that you selected.

The Music tab plays music tracks that are in the Now Playing list of the Library. When you select a category in the Library such as Artists and play the music, the Now Playing list will be replaced with the music tracks from that category.

Playlists

There are two types of playlists that can be added to the Library and played on the Music tab:

- **Custom playlists** ( ) that are created on your phone.
- **Windows Media® Player playlists** ( ) that are synchronized with Windows Media Player on your computer. (These playlists cannot be edited and deleted from your phone.)

If a Windows Media Player playlist contains a combination of music, video and image files, only music files in the playlist are synchronized to your phone and other media types are filtered out.

To create a playlist

1. On the **Music** tab, tap **Library**.
2. Tap or slide to the **Playlists** tab.
3. Tap **Menu > New**, enter a playlist name, and then tap **Done**.
4. On the Playlists screen, tap the playlist you have just created, and then tap **Add Songs**.

5. On the subsequent screen, tap or slide your finger across the tabs to select a category. For instance, to select music tracks from a certain album, tap the **Albums** tab and then tap the album that you want.

6. Select the check boxes of the music tracks that you want to add to your playlist, or tap **Menu > Select All** to choose all the music tracks.

7. Tap **Done**.

8. Tap **Add Songs** again and repeat step 5 to 7 to add more music tracks. When you have finished adding music tracks to your playlist, tap Back to return to the Playlists screen.

To play back a playlist

1. On the Music tab, tap **Library**.

2. Tap or slide to the **Playlists** tab.

3. On the Playlists screen, tap to select a playlist.

4. Tap the first track or any track in the playlist. The Music tab then plays the tracks from the playlist, starting from the track that you selected.

Playlists are not automatically updated when music files have been deleted from the phone's memory or storage card.

3.13 Weather

Your phone automatically connects to the Internet to download weather information. On the **Weather** tab, it displays the weather information of your current location and other preselected cities. The current day's weather as well as the weather conditions for the next four days of the week are displayed.

On the Weather tab, you can:

- Swipe your finger up or down the screen to view the weather in other cities.

- Tap **Update Now** to download the latest weather information.

- Tap **More Detail Online** to open the Web browser and view more weather information on the website. (This option is not available when you are viewing the weather for your current location.)

- Tap **Menu** and choose to add, remove, or rearrange cities, or change weather settings.

Adding a city

The Weather tab can display weather information of up to 15 cities, including your current location. Follow the steps below to add a city to this tab.

1. On the Weather tab, tap **Menu > Add Location**.

2. On the Add Location screen, enter the first few letters of a country or city name. The screen then displays a matching list of locations. Scroll through the list and then tap the name of the desired city.

Your phone then downloads the weather information of the city that you selected and adds it to the Weather tab.

Weather settings

You can change the displayed temperature to Celsius or Fahrenheit on the Weather tab. You can also enable or disable auto download options and change the download time.

1. On the Weather tab, tap **Menu** and then choose whether to display temperature in Celsius or Fahrenheit.

2. To change other weather settings, tap **Menu > Settings** and then choose from the following options:

   • **Download data automatically**. When this option is selected, weather information is automatically downloaded at the set download time whenever you select the Weather tab. To change the download time, tap the box that shows the preset time and then choose another time interval.

      Clear this option if you prefer to manually download weather information.

   • **Download when roaming**. Select this option only if you want to allow automatic download of weather data when roaming. This may incur additional data charges.

3.14 Twitter

Enjoy twittering directly from your phone. On the **Twitter** tab, you can type in and send your tweets. This tab also readily displays the most recent tweets from the people that you follow.

See "Twittering on Your Phone" in Chapter 9 for details.

3.15 Footprints

Record the chronicles of your life. Wherever you go, take photos of the places you visited and store their GPS location and other details to your phone. From the **Footprints** tab, you can then easily flip through the photos and find your favorite places again.

For more information about using Footprints, see "HTC Footprints" in Chapter 11.

3.16 Settings

Changing or tweaking settings is as easy as one, two, three. With the phone settings neatly organized on the **Settings** tab and labeled with clear descriptions, you can easily find what you are looking for and just tap your way to the setting you want to change.

For more information about changing phone settings, see Chapter 14.

Chapter 4

Staying Close

4.1   It's All About People

Bringing people who matter most closer to you—that's what your phone is all about.

Add everyone you know to your phone to keep them within reach. For even faster communication, you can put people you keep in touch with often up front on your Home screen's People tab. You can also add your own personal details to your phone and easily send this information to others.

Since your phone organizes text and multimedia messages, email conversations, and phone logs of a person all in one place, you get to see at a glance all communications with that person. Your phone also keeps you in tune with your social circles by integrating Facebook information into the contact details of people on your phone.

In this chapter, learn how to share your personal details, add people's contact details to your phone, and put your favorite contacts on the Home screen's People tab. Also learn how to view the exchange of messages and conversations with a contact.

To find out how you can reach out to people and share your thoughts, photos and videos in social networks such as Facebook, Twitter, and YouTube, see Chapter 9.

4.2 Adding and Sharing Your Personal Details

You can save your phone number and personal details to your phone and easily send them to your family, friends, and other people.

Adding your personal details
My Contact Card stores your personal details on your phone. There are two ways to add your personal details to My Contact Card.

To enter your personal details to My Contact Card
On your phone, enter your personal details directly to My Contact Card.

1. On the Home screen, slide to the People tab and then tap All People.
2. Tap Me to open the My Contact Card screen.
3. To add your personal photo, tap the Contact Photo icon (🔲) on the upper-left corner of the My Contact Card screen. Choose whether to use your Facebook photo, select a photo from Albums, or take a photo using the Camera.

   If you chose to use your Facebook photo, enter the email address and password that you use for your Facebook account when you are prompted to log into Facebook.
4. Enter your name, phone number, and email address in the fields provided. Scroll down the screen and fill in more personal details.
5. Tap Done.

To sync your Outlook contact card from your computer and save to the phone's My Contact Card

If you are using Microsoft® Office Outlook® on your computer, you can create your own contact card containing your personal details on your computer and sync it along with other Outlook contacts to your phone. To find out how to sync your computer with your phone, see Chapter 6.

After synchronization is complete, do the following:

1. On the Home screen, slide to the People tab and then tap **All People**.
2. Scroll through your contacts list and tap your name.
3. Tap **Menu > Save to My Contact Card**.

You can save any contact or SIM contact to My Contact Card.

Sharing your personal details

Send your personal details in a text or multimedia message to your family, friends, and people you know so they can easily add you to their phone.

1. On the Home screen, slide to the People tab and then tap **All People**.
2. Tap the **Send** button (📧) that appears to the right of **Me** (My Contact Card).
3. Choose whether to **Send by SMS** or **Send by MMS**.
4. Select the **Select all** check box to share all your personal details, or select the check boxes of the types of contact information you want to share.

5. Tap **Done**. A new message is then created. If you're sharing your personal details in a multimedia message, the information will be included as an attachment in your message.

6. Compose your message and send it. For more information about sending text and multimedia messages, see Chapter 7.

4.3 Adding Contacts to Your Phone

There are several ways to add contacts to your phone. You can:

- Create new contacts on your phone. See "Creating new contacts" for details.
- Sync Outlook contacts from your computer to your phone. See Chapter 6 for details.
- Sync contacts from your existing Microsoft® My Phone account, if you have one. See "Synchronizing With Microsoft My Phone" in Chapter 6 for details.

Creating new contacts
On your phone, you can create contacts complete with all sorts of contact information such as mobile, home, and work phone numbers, email addresses, home and work street addresses, and more. You can also create SIM contacts with phone numbers and email addresses only and store them on your SIM card.

To create a contact
1. On the Home screen, slide to the People tab and then tap **All People**.
2. Tap **New** to create a new contact.

3. Enter the contact name, mobile phone number, and email address in the fields provided. To add another phone number, tap Add Number. To add another email address, tap **Add Email**.

4. Scroll down the screen to fill in more contact details.

5. To link the contact with his or her Facebook account, tap Link at the bottom of the New Contact Card screen. (For more information about Facebook, see "Facebook Updates and Events" in this chapter.)

6. To add the photo of your contact, tap the **Contact Photo** icon (📷) on the upper-left corner of the New Contact Card screen. Choose whether to use the Facebook photo, select a photo from Albums, or take a photo.

7. When you have finished entering all the contact details, tap Done.

Tap **More** at the bottom of the New Contact Card screen to enter additional contact information.

To create a SIM contact

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap **Menu > New Contact > SIM**.

3. Enter the contact name, phone number and email address, and then tap **Done**.

Importing SIM contacts to your phone results in duplicate contact names in the contacts list.

4.4 Working With Favorite Contacts

You need to have contacts already stored on your phone before you can add them as favorite contacts to the Home screen's People tab. If there are no existing contacts, create or sync them first on your phone. See "Adding Contacts to Your Phone" in this chapter for details.

Adding favorite contacts to the People tab

You can add up to 15 favorite contacts to the Home screen's People tab.

SIM contacts cannot be added as favorite contacts.

1. On the Home screen, slide to the People tab.
2. Tap an empty slot. (If slots are occupied, scroll down the screen to find more available slots.)
3. Scroll down the contacts list to find the contact that you want to add to the People tab. If you have a long list of contacts, you can filter the list first by entering the first few letters of the person's name in the text box on top of the contacts list.
4. When you find the contact that you want, tap the contact name.
5. Select a phone number or email address to use when calling or sending a message to the selected contact.
6. If this contact does not have an associated photo, the subsequent screen lets you take a photo of the contact or select an existing photo.

If you selected the contact photo and it has a large size, you need to crop the photo. On the subsequent screen, a crop box appears on the photo. Center this box on the person's face and then tap Done.

To remove a favorite contact from the People tab, press and hold the photo of the contact you want to remove until the phone vibrates and the photo enlarges slightly, and then drag it away from its container. Release the photo when it turns red.

To remove multiple contacts, tap Menu > Remove Favorite, tap the photos of the contacts you want to remove, and then tap Done.

Quickly calling or sending a message to a favorite contact

On the Home screen's People tab, the following icons are shown on each photo to indicate the type of contact method that is associated to each favorite contact.

Mobile phone

Home phone

Work phone

SMS text messaging

Email

Scroll through your favorite contacts by swiping your finger up or down the screen. Place a call or create a new message to send to a favorite contact by simply tapping the person's photo.

4.5 Viewing and Managing Your Contacts

To look for contacts on your phone, go to the Home screen's People tab and then tap All People. The People screen then opens.

On the People screen, tap or slide your finger right or left at the bottom of the screen to switch between the following tabs:

1   2   3   4   5

1	All	Lists all contacts on your phone and on the SIM card. This tab lets you create, delete, or edit a contact, import SIM contacts to your phone, or save a contact to your SIM card. Tap a contact to open the Contact Details screen. You can also use this tab to open or update My Contact Card.
		☞ If you imported SIM contacts to your phone and duplicated contacts are displayed, tap Menu > View > Contacts to filter and display only contacts stored on your phone.
2	Favorites	Shows the favorite contacts that you have added to the Home screen's People tab. You can also add favorite contacts through this tab.
3	Groups	Allows you to create groups of contacts so that you can easily send text, multimedia and email messages to a group of people without having to enter each contact one at a time. See "Contact Groups" in this chapter for details.
4	Updates and Events	Displays notifications when there are updates that occurred in Facebook. This tab also shows events of your stored contacts. See "Facebook Updates and Events" in this chapter for details.
5	Call History	Lists all your dialed numbers, and received and missed calls. See "Using Call History" in Chapter 2.

Browsing and finding contacts

On the People screen, the All tab shows you the complete list of contacts that are stored on your phone and your SIM card. Swipe upward or downward on the screen to scroll through the contacts list. Use the Quick Scroll Bar or the Search button to quickly find the contacts that you want.
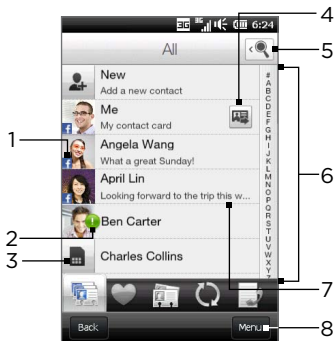
1	The "f" icon indicates that the photo is the contact's Facebook profile photo.
	Your phone will use the contact's Facebook photo when you have linked to the contact's Facebook profile. If there is a contact photo already stored on your phone, the Facebook photo will not show in your contact even if you have linked to the contact's Facebook profile.
2	The "!" icon appears when: • You receive a new text, multimedia or email message, or when you miss a call from the contact. • The contact has new updates or events in Facebook.
3	This is a SIM contact.

4	Tap this button to send My Contact Card in a text or multimedia message. See "Sharing your personal details" in this chapter for details.
5	Tap this button to search for contacts.
6	Use this Quick Scroll bar to quickly scroll to contact names that begin with a certain letter. Press and hold on the scroll bar and then slide your finger up or down.
7	The Facebook status appears when the contact has a new status message in Facebook.
8	From the menu, you can choose between creating a phone contact or SIM contact, delete contacts, filter the contacts list by groups, and more.

4.6 Viewing Contact Information and Exchange of Communications With the Contact

Your phone organizes contact details, text and multimedia messages, email conversations, Facebook information, and phone logs of a contact all in one place. Simply tap a contact name from the contacts list to view all these information.

After you selected a contact, the Contact Details screen opens. On this screen, tap or slide your finger right or left at the bottom of the screen to switch between the following tabs: Details, Messages, Email, Updates and Events, and Call History.

1	Details	Shows a person's contact details. From this tab, you can call or send a text, multimedia, or email message to the contact, edit or delete the contact information, or save the contact to your SIM card.
2	Messages	Displays exchanged text and multimedia messages with the contact. You can also reply with a text message directly on this tab.
3	Email	Displays all received email messages from the contact.
4	Updates and Events	Displays notifications when the contact has updates on his or her Facebook account. This tab also shows events of the contact. See "Facebook Updates and Events" in this chapter for details.
5	Call History	Lists all incoming, outgoing, and missed calls to and from the contact. This tab also lets you call the contact and delete the phone logs of the contact. See "Using Call History" in Chapter 2 for details.

Changing the number for sending text and multimedia messages

By default, the number that's entered to the Mobile field in the contact details is the primary phone number to which your text and multimedia messages are sent when you tap **Send Message** on the Contact Details screen.

If a contact has two or more mobile phone numbers for personal use and work, you can change the primary phone number on the Contact Details screen for sending messages to the contact.

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap a contact from the contacts list.

3. On the Contact Details screen, tap the **Change number** button (📞) that appears on the right side of the **Send Message** item. On the subsequent screen, tap another phone number to use for sending text messages to the contact.
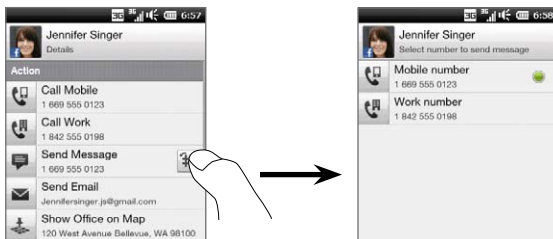
4. A new message is then created. Compose and send your message. (For more information about sendiing text and multimedia messages, see Chapter 7.)

4.7 Contact Groups

By organizing contacts into groups, sending messages to several contacts is a lot easier. Using groups to categorize contacts is also a way of filtering the contacts list so that browsing and finding contacts can be faster and easier.

Creating a contact group

Create a group of contacts so you can easily send a text or multimedia message to the group without having to add the addressed contacts to your message one by one.

1. On the Home screen, slide to the People tab and then tap All People.
2. Tap or slide to the Groups tab (🖼).
3. Tap New. Enter a group name and then tap the Contact Photo icon (👤) to assign a photo to the group.
4. To add contacts to this group, tap Add. Select the contacts you want to add to the group and then tap Done.

   💡 You can also add existing groups to a new group. Tap or slide to the Groups tab at the bottom of the screen, select the groups you want to add and then tap Done.

5. Tap Done.

Sending a text or multimedia message to a group

When sending a text or multimedia message, by default, the message will be addressed and sent to the Mobile number of each contact in the group. For more information about sending text and multimedia messages, see Chapter 7.

Filtering the contacts list by group

If you have a long list of contacts, you can more easily browse and find the contacts that you want by filtering the list to display only a certain group of contacts.

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap **Menu > Filter**.

3. Select the group name that you want and then tap **Done**.

4.8 Facebook Updates and Events

If you and your stored contacts have Facebook accounts and you are connected to your Facebook account on your phone, you can easily check whether you and your contacts have new updates and events that occurred in Facebook.

Logging in and out of Facebook

Easily log in or out of your Facebook account from the Home screen's Settings tab.

1. On the Home screen, slide to the Settings tab.

2. Tap **Data services > Facebook**.

3. If you are not connected to your Facebook account, tap **Login**, enter the email address and password that you use for your Facebook account, and then tap **Login**.

4. To log out of Facebook, tap **Logout**. Tap **Yes** to confirm and log out.

Checking all Facebook updates and events

You can check yours and other people's Facebook updates and events in one convenient location.

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap the Updates and Events tab ( ).

3. If you haven't linked your stored contacts to their Facebook accounts, the Updates and Events tab will show a **Link Profiles** option. Tap this option, choose which contacts you want to link to Facebook, and then tap **Done**.
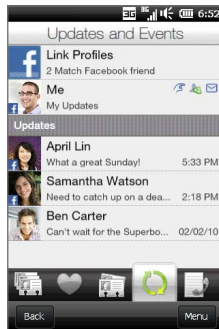
4. To check what Facebook updates you have, tap **Me** while you're on the Updates and Events tab. On the My updates screen, you'll then see the different types of updates, such as unread pokes, unread messages, unread event invites, and more. Tapping a type of update opens the Web browser and brings you to your Facebook site where you can view the update details.

5. In the **Events** list of the Updates and Events tab, you'll see the events of your contacts, such as someone's birthday or anniversary. Tap a contact in this list to open the Web browser so you can view more details about that contact's events.

6. When you tap a contact in the **Updates** list, you will see the complete status message of the contact and other Facebook updates of the contact.

- • To manually refresh and display the latest Facebook updates, tap **Menu > Update Now**.
- • To enable the Facebook updates to be refreshed automatically, tap **Menu > Settings**, select **Auto Sync**. and then tap the **Check Updates** box to choose a time interval for synchronizing Facebook.

Checking a contact's Facebook updates and events

To check only for a single contact's Facebook updates and events, you can select the contact from the contacts list first and then go to the Updates and Events tab from the Contact Details screen.

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap a contact to open the Contact Details screen.

3. Tap the Updates and Events tab ( ).

4. In the **Events** list, tap a Facebook event to open the Web browser and view more information about the event.

5. In the **Updates** list, tap a Facebook update to open the Web browser and view details of that update.

Updating your Facebook status

You can share your thoughts to your Facebook contacts directly from your phone.

1. On the Home screen, slide to the People tab and then tap **All People**.

2. Tap **Me** to open your own contact card.

3. Scroll to the bottom of the screen and then tap your Facebook name.

4. Enter your status message in the provided text box and then tap **Share**.

Chapter 5

Entering Text

5.1 Using the Onscreen Keyboard

When you start a program or select a field that allows you to enter text or numbers, the onscreen keyboard becomes available for use. To open the keyboard, select a field or tap the keyboard icon displayed at the bottom center of the screen.
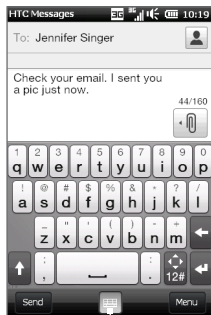
Keyboard icon

To close the keyboard, tap the keyboard icon again or press the BACK button.

On the Home screen's settings tab, you can select different keyboard layouts and customize text input settings. You can choose from these keyboard layouts: Full QWERTY, Compact QWERTY, and Phone Keypad.

Full QWERTY
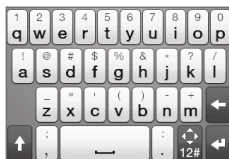
The **Full QWERTY** is a full onscreen QWERTY keyboard layout similar to a desktop computer keyboard.

Compact QWERTY

The **Compact QWERTY** layout features two letters on each key. With its large, touch-friendly keys and enhanced features such as XT9 predictive input, you can enter text faster and more accurately.

Phone Keypad

The **Phone Keypad** is an onscreen keypad that has a layout similar to mobile phone keypads, plus some additional keys. The Phone Keypad has large keys and enhanced input features such as XT9 predictive input, which makes it faster for you to enter text in your messages and documents.

Onscreen navigation pad

Use the onscreen navigation pad for onscreen directional control.

Onscreen navigation pad
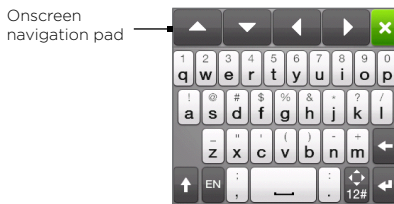
To display the naviagtion pad, press and hold:

- 📲 when entering text.
- 📲 when entering numbers and symbols.

On the navigation pad, tap the up, down, left, or right key to move the text cursor in the direction that you want while you are entering or editing text. If you are browsing a list, you can tap the up or down key to navigate the list and select an item from the list. When entering text in a program with multiple text fields, such as when composing an email or text message, you can use the up or down key to move the cursor between different text fields.

To close the onscreen navigation pad, tap ❎. The onscreen navigation pad will also close automatically when you begin entering text.

Selecting a keyboard layout

1. On the Home screen, slide to the Settings tab and then tap Locale & text > Text input > Keyboard types.
2. Select a keyboard layout and then tap Done.

Entering text

1. Start a program that accepts text input, such as Word Mobile.

2. When using the Compact QWERTY or Phone Keypad layout,
   tap ⬚ to switch between using normal text entry (ABC mode)
   and XT9 predictive mode (XT9 predictive mode is turned on by
   default for the Full QWERTY keyboard).

   > ✐ To learn how to switch between normal text entry (ABC
   > mode) and XT9 predictive mode for the Full QWERTY
   > layout, and how to enter text using XT9 predictive mode,
   > see "Using Predictive Mode" in this chapter.

3. Switch the keyboard to normal text entry (ABC mode) and then
   start tapping keys on the keyboard to enter letters:

   • When using the Full QWERTY layout, tap keys on the
     keyboard as you would on a computer keyboard.

   • When using the Compact QWERTY layout, tap a key once to
     enter the first letter that shows on the key. To enter the second
     letter, tap twice.

   • When using the Phone Keypad layout, tap a key once to enter
     the first letter, twice to enter the second letter, or three times
     to enter the third letter that is shown on the key.

4. Tap the CAPS shift key (⬚) to enter an uppercase letter. Tap
   this key twice to turn Caps Lock on when you need to enter
   consecutive uppercase letters.

5. Press and hold a key to enter a punctuation mark, symbol, or
   number that is shown on the upper half of the key. For example,
   to enter number 1, press and hold ⬚.

In the Full QWERTY layout, if there are accented characters also associated with the key (such as vowel keys), tapping and holding the key displays a selection bar. Slide your finger right or left across the selection bar to choose the accented character that you want to insert to your text.

6. Tap ![icon] to choose from more symbols or use a number keypad for faster numeric entry. See "Entering Numbers and Symbols" for details.

5.2 Using Predictive Mode

XT9 is a predictive text input mode which displays a word suggestions list as you enter the first few characters so you just select the word that you want.

To enter text using XT9 mode

1. Make sure that the input mode is set to XT9:

   • When using the Full QWERTY layout, XT9 mode is turned on by default. To turn XT9 mode on, press START and then tap **Settings > Locale & text > Text input > input options**. If the **Off/On** switch to the right of the Prediction item is turned off, tap it to turn it on.

   • When using the Compact QWERTY or Phone Keypad layout, tap ![icon] to switch between using normal text entry (ABC mode) and XT9 predictive mode.

2. Start entering the first few letters of a word. As you enter each letter, suggested words will be displayed.

In the word suggestions list, the leftmost word shows the exact letters that you entered, while the other words are suggested words.

Hi, I've just retu
retu **return** returned ⊙
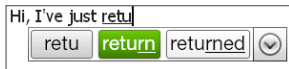
If you don't see the word that you want, tap the down arrow icon (⊙) to see more suggested words.

3. When you see the word that you want, tap the word to insert it into your text.

When you see the word that you want highlighted in the suggestions list, you can also tap the Enter key or the Space bar to insert the word into your text.

To add a new word to the dictionary

While entering text using the Full QWERTY, Compact QWERTY, or Phone Keypad in XT9 predictive mode, tapping a suggested word (the highlighted word in the word suggestions list) will automatically add that word to the dictionary if it does not exist in the dictionary.

When using the Compact QWERTY or the Phone Keypad, you can also manually add new words to the dictionary.

1. While in XT9 mode, type a letter and then tap the down arrow icon (⊙) on the right side of the word suggestions list.

2. Tap Add word.

3. Type the new word you want to add and then tap the check mark icon (✔).

Add My Word:
acquisition   ✔ ✖

To delete words from the dictionary

You can also delete words that were automatically or manually added to the dictionary.

1. Press START and then tap Settings > Locale & text > Text input > User dictionary.

2. Scroll through the dictionary and select the words you want to delete.

3. Tap Done to delete the selected words and exit the dictionary.

5.3 Entering Numbers and Symbols

Tap 🔲 on the onscreen keyboard to switch to the numeric and symbol keyboard layout so you can easily enter numbers and common symbols such as parentheses, braces, currency signs, punctuation marks, special characters, and more.

To enter a number or symbol

Tap a number or symbol to insert it into your text. There are several pages of symbols that you can choose from.

Tap this key to go to the next or previous page of symbols.

Numeric and symbol keyboard layout in Full QWERTY

Numeric and symbol keyboard layout in Compact QWERTY and Phone Keypad
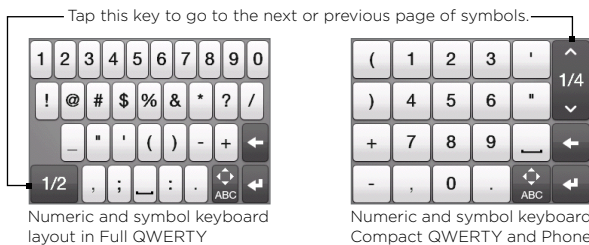
To enter accented characters
If you are using the Compact QWERTY or Phone Keypad, go to the last page of symbols to find accented characters.

- Tap an accented character to enter it to your text.
- Tap the CAPS shift key (⇧) to turn on Caps Lock and enter accented characters in uppercase. Tap again to change back to lowercase.
- Press and hold a key to choose from other similar accented characters. Slide your finger right or left across the selection bar to choose the accented character that you want to insert to your text.

To return to the alphabetic keyboard layout
Tap ABC to go back to the alphabetic keyboard.

5.4 Using multiple keyboard languages

You can add one or more international keyboard layouts to your phone to enter text in different languages. When you add keyboard languages, you can easily cycle through them on the fly in any program that accepts text input just by tapping the language button.

Adding a new keyboard language

1. Press START and then tap Settings > Locale & text > Text input > Keyboard languages.

2. Select one or more keyboard languages and then tap Done.

Selecting a keyboard language

When you have at least one other keyboard language in addition to your default keyboard, a language key will be shown on the keyboard. The language key displays a two letter abbreviation for the currently active keyboard. For example, while the English keyboard is active, "EN" is displayed on the language key.

To select a different keyboard language that you added, tap the language key.

Language key

If you added more than one additional keyboard language, tap the language key again to cycle through the available languages.

Entering text using multiple keyboard languages

Entering text using multiple keyboard languages is similar to entering text with your favorite default keyboard. You can enter text with the Full QWERTY, Compact QWERTY and Phone Keypad layouts, use predictive text entry, enter numbers and symbols, and add and delete words from the user dictionary. For more information on entering text, see "Using the Onscreen Keyboard".

5.5 Text Input Settings

Text input settings can be accessed from the phone settings. Press START and then tap **Settings > Locale & text > Text input**.

On the Text Input Settings screen, tap the Off/On switches to enable or disable the various input settings. You can also view a basic tutorial on entering text with the onscreen keyboard.

Chapter 6

Synchronizing Information

6.1 Ways of Synchronizing Your Phone

You can take information wherever you go by synchronizing it to your phone. There are different ways you can sync your phone:

- Sync information from your computer to your phone.

  The following types of information can be synchronized:

  Microsoft Office Outlook information — Office Outlook email, contacts, calendar, tasks, and notes

  Notes created using Microsoft® Office OneNote® 2007

  Media — Pictures, music, and video

  Favorites — Website addresses you save as Favorites in Internet Explorer® on your phone or in the Mobile Favorites folder of Internet Explorer on your computer.

  Files — Documents and other files

- Sync your phone with your Outlook work account on the Exchange Server.

  For more information about setting up your phone to sync with the Exchange Server, see Chapter 8.

• Sync your phone with Microsoft My Phone.

   If you have a Microsoft My Phone account, you can sync and restore the contacts, calendar appointments, photos, and other information that you stored on your account to your current Windows phone. See "Synchronizing With Microsoft My Phone" in this chapter for details.

6.2 Before Synchronizing With Your Computer

Before you can sync with your computer, you need to install and set up first the synchronization software on your computer. For more information, see "Setting Up Windows Mobile Device Center on Windows 7 and Windows Vista" and "Setting Up ActiveSync on Windows XP" in this chapter.

After installing the synchronization software on your computer, connect the phone to your computer using the USB sync cable. When the Connect to PC screen appears on your phone, tap **ActiveSync**, and then tap **Done**.

You can also sync information with your computer using Bluetooth. See "Synchronizing via Bluetooth" later in this chapter.

• ActiveSync or Windows Mobile Device Center only syncs data on your computer and phone. If you have installed a storage card and you want to back up files from the storage card, use Windows Explorer on your computer to copy files from the storage card to your computer.

• If you are sending your phone for repair or performing a hard reset, data from your phone will be lost. It is recommended that you sync your phone to your computer to back up your files. To back up files from the storage card to your computer, use Windows Explorer to copy files from the storage card to the computer.

6.3 Setting Up Windows Mobile Device Center on Windows 7 and Windows Vista

Microsoft Windows Mobile® Device Center is the replacement for Microsoft® ActiveSync® on Windows 7 and Windows Vista®. Some versions of Windows 7 and Windows Vista come with Windows Mobile Device Center already installed. If Windows Mobile Device Center is not available on your computer, go to the following website for information on downloading and installing Windows Mobile Device Center:

http://www.windowsmobile.com/getstarted

Setting up synchronization in Windows Mobile Device Center

When you connect your phone to your computer and start Windows Mobile Device Center for the first time, you are asked to create a Windows Mobile partnership with your phone. To create a partnership:

1. Connect your phone to your computer. Windows Mobile Device Center configures itself, then opens.

2. On the license agreement screen, click Accept.

3. On the Windows Mobile Device Center's Home screen, click Set up your device.
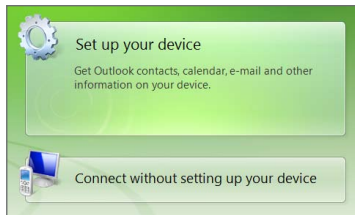
Choose **Connect without setting up your device** if you only want to transfer media files, check for updates, and explore your phone but not sync Outlook information.

4. Select the items you want to sync and then click **Next**.

5. Enter a name for your phone and then click **Set Up**.

When you finish the setup wizard, Windows Mobile Device Center syncs your phone automatically. Notice that Outlook email messages and other information appear on your phone after synchronization.

Using Windows Mobile Device Center

To open Windows Mobile Device Center, click **Start > All Programs > Windows Mobile Device Center** on your Windows 7 or Windows Vista computer.

On Windows Mobile Device Center, you can do the following:

- Click **Mobile Device Settings** to change sync settings.

- When you click **Pictures, Music and Video > XX new pictures/ video clips are available for import**, a wizard guides you to tag and transfer photos from your phone to the Photo Gallery on your computer.

- Click **Pictures, Music and Video > Add media to your device from Windows Media Player** to sync music and video files using Windows Media Player. For more information, see "Using Windows Media Player Mobile" in Chapter 12.

- Click **File Management > Browse the contents of your device** to view documents and files on your phone.

See Windows Mobile Device Center Help for more information.

6.4 Setting Up ActiveSync on Windows XP

On a Windows® XP computer, you need to use Microsoft ActiveSync 4.5 or later. If you do not have this software on your computer, go to the following website for information on downloading and installing Microsoft ActiveSync to your computer:
http://www.windowsmobile.com/getstarted

Setting up synchronization in ActiveSync

1. Connect your phone to your computer. The Synchronization Setup Wizard automatically starts and guides you to create a sync partnership. Click **Next** to proceed.

2. To sync your phone with your computer, clear the **Synchronize directly with a server running Microsoft Exchange** check box, then click **Next**.

3. Select the information types that you want to sync, then click Next.

4. Select or clear the Allow wireless data connections check box according to your preference.

5. Click Finish.

When you finish the wizard, ActiveSync syncs your phone automatically. Notice that Outlook email messages and other information appear on your phone after synchronization.

6.5 Synchronizing With Your Computer

Connect and sync your phone with your computer using the USB cable or Bluetooth connection.

Starting and stopping synchronization
You can manually sync either from your phone or computer.

From your phone
Press START, tap Tools > ActiveSync, and then tap Sync. To end synchronization before it completes, tap Stop.

💡 To delete a partnership with one computer completely, disconnect your phone from that computer first. In ActiveSync on your phone, tap Menu > Options, tap the computer name, then tap Delete.

From Windows Mobile Device Center
1. Click Start > All Programs > Windows Mobile Device Center.

2. Click 🔄 at the lower left of the Windows Mobile Device Center.

   To end synchronization before it completes, click 🔴.

From ActiveSync on your computer
When you connect your phone to your computer, ActiveSync automatically opens on your computer and syncs.

- To manually start synchronization, click 🔵.
- To end synchronization before it completes, click ⊗.

Selecting information to sync
You can select the information types and the amount of information to sync for each type either on your phone or your computer. Follow the steps below to change sync settings on your phone.

> Before changing sync settings on your phone, disconnect your phone from your computer.

1. In ActiveSync on your phone, tap **Menu > Options**.
2. Select the check box for any items you want to sync. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change sync settings for an information type, for instance, E-mail, select it and tap **Settings**.

   You can then set the download size limit, specify the time period of information to download, and more.

> - Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your phone. You can only select or clear these items from your computer's Windows Mobile Device Center or ActiveSync.
>
> - A computer can have sync partnerships with many different Windows phones, but a phone can have sync partnerships with at most two computers. To ensure that your phone syncs properly with both computers, set up the second computer using the same sync settings you used on the first computer.
>
> - Outlook can be synchronized with only one computer.

Troubleshooting sync connection problems

In some cases, when the computer connects to the Internet or a local network, it may disconnect the connection with your phone in favor of the Internet or network connection.

If this happens, slide to the Settings tab of the Home screen, tap **Other > USB to PC**, and then clear the **Enable faster data synchronization** check box. This makes your computer utilize a serial USB connection with your phone.

6.6 Synchronizing via Bluetooth

You can connect and sync your phone with the computer using Bluetooth.

To connect and sync your phone with a computer via Bluetooth, your computer must have built-in Bluetooth or installed with a Bluetooth adapter or dongle.

1. Set up Windows Mobile Device Center or ActiveSync on your computer to sync through Bluetooth. Make sure to set up a Bluetooth COM port on your computer. See the program's Help for instructions.
2. On your phone, press START and then tap **Tools > ActiveSync**.
3. Tap **Menu > Connect via Bluetooth > Add a device**.
4. On the subsequent screen, a message is displayed, asking whether to turn on Bluetooth. Tap **Yes**.
5. Your phone then searches for Bluetooth devices within range and lists your computer name and other Bluetooth devices that are found. Tap your computer name in the list.
6. Enter an alphanumeric password, which can be 1 up to 16 characters, to create a secure Bluetooth connection with your computer, and then tap **OK**.

7. On your computer, accept the Bluetooth connection and enter the same password.

8. On the subsequent screen, select a serial port to use for ActiveSync, and then tap **Continue**.

9. The computer name now appears in the **Devices** tab (🧑📊) of Bluetooth settings, with ActiveSync added as a service. Close the Bluetooth settings screen.

Check Windows Mobile Device Center or ActiveSync on your computer. You should be able to see now that your computer is connected to your phone. Once they're connected, you can sync information anytime through Bluetooth.

If your phone does not connect automatically to your computer, open ActiveSync on your phone, and then tap **Menu > Connect via Bluetooth > computer name** to connect your phone to your computer using Bluetooth.

6.7 Synchronizing Music and Video

If you want to carry your music or other digital media along with you while you travel, set up Windows Media Player on your computer to sync music and video with your phone.

Other than selecting the **Media** information type to be synchronized, all media sync settings must be set in Windows Media Player. Before media can be synchronized, you must do the following:

• Install Windows Media Player Version 11 on your computer. (Windows Media Player 11 works only in Windows XP or later versions).

• Connect your phone to the computer with a USB cable. If your phone is currently connected using Bluetooth, you must end that connection before media can be synchronized.

- Set up a sync partnership between your phone and your computer's Windows Media Player.

See "Using Windows Media Player Mobile" in Chapter 12 for details.

6.8 Synchronizing With Microsoft My Phone

Microsoft My Phone syncs information between your phone and a password-protected website hosted by Microsoft. You can back up and restore your contacts, calendar appointments, photos, and other information.

> You can sync contacts, calendar, and tasks with My Phone only if your phone does not have a sync partnership with an Exchange Server.

Setting up your My Phone account

Whether you are setting up a new account or synchronizing to an existing account, the first step is to set up My Phone on your phone.

1. Press START and then tap **Microsoft My Phone**.
2. Follow the instructions in the wizard to set up your My Phone account. During setup:
   - Sign in using your Hotmail® or Windows Live™ address and password.
   - Set the sync method to **Automatic** or **Manual**, depending on your preference.
   - Install updated My Phone software if you are asked to do so.

Changing sync settings

To change sync settings such as the sync schedule and items to synchronize, you need to access the settings from the menu.

To change which items to sync

1. Press START and then tap **Microsoft My Phone**.
2. Tap **Menu > Sync Options**.
3. Select the items you want to include or exclude during synchronization.
4. Tap **Done**.

To adjust sync schedule and roaming settings

1. Press START and then tap **Microsoft My Phone**.
2. Tap **Menu > Sync Schedule**.
3. Select from the available schedule options.
4. To enable automatic sync while roaming (when you are out of range of your home network), select the **Use these settings when roaming** check box.
5. Tap **Done**.

Stopping sync partnership with your My Phone Web account

You can stop synchronizing with your My Phone Web account on your phone. This does not delete the data that were synchronized to your phone and the data stored on your My Phone Web account.

1. Press START and then tap **Microsoft My Phone**.
2. Tap **Menu > Account**.
3. Tap **Stop Service**, and then tap **Yes**.

Managing your My Phone Web account from your computer

You can use a Web browser on your computer to access your My Phone Web account and:

- Add, edit, or delete contacts, calendar appointments, and other types of information. Changes will be synchronized with your phone.
- View photos and videos that are stored on your My Phone account, delete them, save them to your computer, and more.
- Share photos directly on Facebook, Flickr™, MySpace™ and Windows Live.
- Locate your phone if you lose it, or protect your sensitive data (charges apply for some services).

To access your My Phone Web account from your computer, go to http://myphone.microsoft.com, and sign in using your Hotmail or Windows Live address and password.

Chapter 7

Exchanging Messages

7.1 Sending Text Messages

Send short text messages (SMS) to other mobile phones. If you exceed the limit on the number of characters for a single text message, your text message will be delivered as one but will be billed as more than one message.

1. On the Home screen, slide to the Messages tab.

2. Tap the New Message icon (🖂).

3. Fill in one or more recipients. In the **To** field, you can:

   • Start entering the first few letters of the recipient's name to display a matching list of names from your stored contacts. Each recipient in the results list may have several phone numbers. Tap the number to which you want to send your text message.

   To add another recipient, repeat the above process.

   • Enter the recipient's mobile phone number, and then tap the Enter key (⏎) or semicolon key (;). Repeat this process to type in another number.

   • Address the text message to one or more groups of contacts. To do so, tap 👤 and then tap the Groups tab (📇). Select the check box of one or more groups and then tap **Done**.

- Add a recipient from the Company Directory. Tap 👤 and then tap the Company tab. Tap the "Search in company directory" field and start entering the first few letters of the recipient's name to display a matching list of names from the Company Directory. Tap the number to which you want to send your text message and then tap Done.

> ✳ Access to the Company Directory is available only if the Outlook E-mail work account on your phone syncs with **Microsoft Exchange Server 2003 SP2 or higher**, and you have completed your first synchronization with the Exchange Server.

4. Tap the text box that shows "Tap to add text" and then enter your text message.

   To select from a list of common text messages, tap **Menu > Quick Text** and choose one to insert to your message.

5. When you have finished composing your text message, tap Send.

7.2 Sending Multimedia Messages

With your phone, you can send multimedia messages (MMS) that include text, a photo or video, audio, slideshow, and other attachments such as a person's contact information or a calendar appointment.

> ✐ • Multimedia messaging is a charged service and has to be provisioned on your mobile phone account. Contact your mobile operator to have multimedia messaging provisioned as part of your calling plan.
>
> • Make sure the size of multimedia messages that you send is within the limits allowed by your mobile operator.

To create a multimedia message, start by creating a text message. When you enter someone's email address as the recipient, adds a subject, or includes a photo, video, or other attachments, your message becomes a multimedia message.

1. Create a new message by following steps 1 to 4 in "Sending Text Messages". When adding one or more recipients in the To field, select or enter the mobile phone number or email address of each recipient.

2. Tap the Attach button (🔟) or tap Menu > Insert.

3. Choose what you want to include in your multimedia message.

Types of attachments		What to do
💬	Photo or Video	Select a photo or video to attach to your message. If you do not see the photo or video that you want, tap Albums first to select the storage card or another album where the photo or video is located. You can also capture a photo or video and add to your message.
🎵	Voice recording	Select an audio file or record your voice and attach it to your message.
📇	Contact card (vCard)	Select a contact and attach that person's contact details to your message.
📅	Calendar appointment (vCalendar)	Select an appointment from the calendar to attach to your message.
📺	Slideshow	Add a subject and compose a slideshow. See "Creating a slideshow" for details.

4. When you have finished composing your multimedia message, tap Send.

💡 You can also send a multimedia message from Camera, Albums, or Pictures & Videos.

Creating a slideshow

In a multimedia message, you can add slides, each containing a photo, video, audio, or other attachments such as a contact card or calendar appointment.

1. In your multimedia message, tap the **Attach** button (⬚) or tap **Menu > Insert**.

2. Tap **Slideshow** (⬚).

3. On the new slide, enter your subject.

4. Tap **Insert Picture** and then select a photo or video to add to the slide.

   If the photo size exceeds the remaining message size, tap **Yes** to resize. If the resized photo still exceeds the remaining message size, it cannot be added to the slide. A selected video cannot be added to the slide if its file size exceeds the limit.

5. To add more attachments, tap **Menu > Insert** and select the type of attachment you want to add.

6. To add another slide, tap the **Add Slide** button and repeat steps 4 and 5 to add a photo or video and other attachments.

7. To go to the previous or next slide so you can view or edit a slide, tap the left arrow (⬚) or right arrow button (⬚).

   ☼ • To remove a photo, video, or another attachment, tap **Menu** and then tap what to remove.
   • To delete a slide, tap **Menu > Remove Slide**.

8. To set the display duration for a photo slide, tap **Menu > Duration** and then select a duration. You can set a different duration for each slide.

9. When you have finished composing your slideshow, tap **Done**.

10. Tap **Send**.

> While composing a text or multimedia message, you can:
>
> • Tap a recipient to open a menu and choose whether to call the recipient, change the person's phone number before sending the message, remove the recipient, and more.
>
> • Tap Menu > Save as Draft to save your message as a draft. To resume editing the message, tap Menu > Drafts on the All Settings screen and then tap the message.

7.3 How to Know When You Have New Text and Multimedia Messages

A new message icon (🗨) appears in the title bar when there are new text or multimedia messages received on your phone. The Home screen's Messages tab (📑) also shows the number of new or unread messages.

Depending on the notification sounds set on your phone, the phone will vibrate or sound an alert when you receive new messages. To find out how to change the notification sound, see Chapter 14.

On the Home screen, slide to the Messages tab and then swipe your finger up or down the screen to browse through received messages. You can also directly read a new text message right on the Messages tab.

To view a multimedia message, you have to tap the message first on the Messages tab and open it.

For more information about viewing text and multimedia messages, see "Message Conversations".
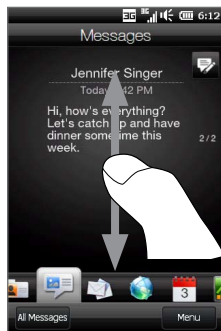
7.4 Message Conversations

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads. Threaded messages let you see exchanged text and multimedia messages with a contact in one place.

Viewing the exchange of messages with a contact

Go to the All Messages screen to select the contact for whom you want to view the exchange of messages.

1. On the Home screen, slide to the Messages tab.
2. Do one of the following:
   - Tap a message from the contact.
   - Tap All Messages and then tap the contact.

   You will then see the contact's Messages tab which displays the exchange of text and multimedia messages you had with the contact. If there are several messages, swipe your finger up or down the screen to scroll through the messages. The number in parentheses next to the contact's name at the top of the screen indicates the total number of messages in the conversation with the contact.

Tapping a received text or multimedia message on the Home screen's Messages tab also opens the contact's Messages tab.

Replying to conversations

To reply to the contact in a conversation

While viewing the exchange of messages with a contact, you can directly enter and send your reply to the contact in the reply window at the bottom of the screen. You can reply with a text or multimedia message.

Your reply will be sent to the phone number of the latest message received from the contact. If there are several numbers of the contact stored on your phone and you want to send your reply to another number, tap **Menu > Recipient Phone Number** and then choose another number.

To reply to all contacts in a multimedia message conversation with multiple recipients

If you want to reply to all contacts in a multimedia message conversation with multiple recipients, do one of the following:

- While viewing the message on the Home screen's Messages tab, tap Menu > Reply All.

- On the All Messages screen, press and hold the multimedia message conversation you want to reply to and then tap Reply All.

- While viewing a multimedia message thread, tap the message in the thread you want to reply to and then tap Reply All.

See "Sending Text Messages" and "Sending Multimedia Messages" in this chapter for details on how to compose and send text and multimedia messages.

Copying and pasting text to your reply message

When replying, you can select and copy text from any message in the conversation thread and paste it to your reply message.

1. Press and hold any word in the source message. The word will then be highlighted, and onscreen buttons for highlighting and copying text will appear on your screen.
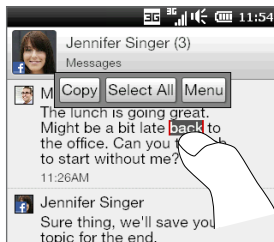
2. To highlight and select text, you can:

- Tap the **Select All** button to select the whole text in the source message.

- Move the left and right anchor buttons to highlight and select a range of text in the source message.
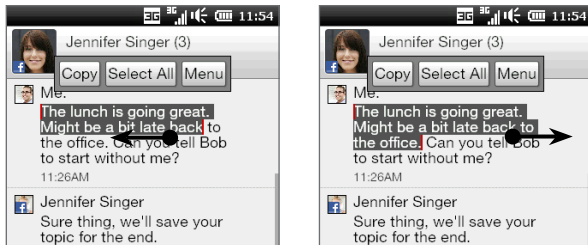
3. After selecting the text that you want, tap the **Copy** button.

4. Scroll down to the bottom of the screen where your reply message is. Press and hold the reply window and then tap the **Paste** button.

Adding your signature to sent messages

You can set your phone to automatically add your name and other information as your signature in sent text and multimedia messages.

1. On the Home screen, slide to the Messages tab and then tap **All Messages**.

2. On the All Messages screen, tap **Menu > Settings > Options**.

3. Tap **Menu > Signature**.

4. Select the types of messages you want to add the signature to and then tap the text box that shows "Tap to edit signature" and then enter your signature.

You can enter a signature up to 50 characters in length.

5. Tap Done.

Viewing a multimedia message

When you receive a multimedia message, the Home screen's Messages tab only displays the subject of the message. (If there is no subject, a short message about how to view MMS will be displayed.) You have to open the multimedia message to view the content.

1. On the Home screen, slide to the Messages tab and tap the multimedia message that you received. The contact's Messages tab then opens.

2. Tap the multimedia message you want to view.

   The media attachment, such as a photo, video, audio, or slideshow, is then played. To display and use onscreen buttons, tap the screen or wait for the playback to finish. You can use the onscreen buttons to pause, replay, or to move forward and backward in a slideshow.

3. To save the media and other attachments to your phone or storage card, tap the **Save** button (🖫).

4. On the Save List screen, select the attachments that you want to save and then tap **Done**.

5. For each attachment, specify the file name, destination folder, and location (Main memory or Storage card) for saving the file and then tap **Save**.

Managing individual messages and message threads

While viewing the exchange of messages with a contact, you can select an individual message to forward, delete, copy or move between your phone and SIM card, and more. You can also delete and manage a message thread as a whole.

To copy or move a text message from the phone to the SIM card

1. While you are viewing the exchange of messages with a contact, tap the text message that you want to copy or move to your SIM card.

2. A selection menu then opens. Tap **Copy to SIM** or **Move to SIM**.

> • You cannot copy a sent message from the thread to the SIM card.
> • Copying text messages from your phone to the SIM card results in duplicate messages when your SIM card is in use.

To copy or move a text message from the SIM card to the phone

1. While you are viewing the exchange of messages with a contact, tap the text message that you want to copy or move from your SIM card to the phone.

> Text messages that are on the SIM card are displayed with a SIM card icon (🖫).

2. A selection menu then opens. Tap **Copy to Phone** or **Move to Phone**.

To delete a text or multimedia message

1. While you are viewing the exchange of messages with a contact, tap the text message that you want to delete.

2. A selection menu then opens. Tap Delete Message.

To delete several text or multimedia messages from the thread

1. While you are viewing the exchange of messages with a contact, tap Menu > Delete Messages.

2. Select the check boxes of the text or multimedia messages that you want to delete, or tap Menu > Select All to select all messages.

3. Tap Done.

To delete all exchange of messages with a contact

1. On the All Messages screen, press and hold the contact whose messages you want to delete.

2. Tap Delete.

To save the phone number of a received message to your contacts

If you receive a text or multimedia message from a phone number that is not stored in your contacts, tap that phone number on the All Messages screen and then tap Menu > Save to People. You can then choose to create a new contact from the phone number or save it to an existing contact.

To resend an undelivered text or multimedia message

If a text or multimedia message in the message thread (or the most recent message of a contact on the All Messages screen) is indicated with a warning icon (⚠), it means that the message has not been successfully sent.

To resend the message, tap the message in the message thread (or press and hold the contact on the All Messages screen) and then tap **Retry Send**.

To forward a text or multimedia message

- When you are on the Home screen's Messages tab, you can forward the current text or multimedia message by tapping **Menu > Forward**.

- When you are on the All Messages screen, you can select a contact and forward the most recent sent or received message. Press and hold the contact that has the message that you want and then tap **Forward**.

- While viewing the exchange of text and multimedia messages with a contact, you can forward any sent or received message. Tap the message that you want and then tap **Forward**.

To manage text and multimedia messages by folders

If you want to use the conventional way of managing your messages by folders, tap **Menu > Settings > Traditional Mode** on the All Messages screen. The Inbox folder is then displayed, listing separate text and multimedia messages instead of threading.

When you tap **Inbox**, a menu opens from which you can choose to display other message folders such as Sent Items and Drafts.

> To change back to displaying messages as threaded conversations, tap **Menu > Settings > Conversation Mode**.

7.5 Text and Multimedia Message Settings

On the All Messages screen, tap **Menu > Settings > Options** to check the text and multimedia message settings available on your phone and change them to suit your needs

Adding MMS server settings

Check your phone to see if it is preconfigured with your mobile operator's MMS server settings. If your phone already has preset MMS server settings, it is recommended that you do not change these settings. If you change the preset settings, your phone may not be able to send and receive multimedia messages.

If there are no preset MMS server settings of your mobile operator available, on the All Messages screen, tap **Menu > Settings > Options**, tap **Menu > MMS Server > New** and enter the settings. Consult your mobile operator for the settings.

> If you add several MMS message service providers to the MMS Server screen, you can choose one as your default provider. Press and hold the provider's name in the list, and then tap **Set as Default**.

7.6 Directly Making Calls from Text Messages

While you are viewing a text message on the Home screen's Messages tab, you can directly call the sender of the message.

1. While viewing the text message, press the TALK/SEND button.
2. The Phone dialer screen then opens, with the sender's phone number automatically filled in and ready to be dialed. To place the call, press TALK/SEND again.

Tapping a phone number that is contained in a text message also allows you to call that number.

7.7 Email

You can set up the following types of email accounts on your phone:

- Outlook email that you sync with your computer or the Exchange Server.
- Email account that you have from an Internet Service Provider (ISP) or other email provider.
- Web-based email accounts from a variety of popular providers.
- Custom domain email accounts. The email domain name is hosted by a different email provider. For more information, search for "custom domain email" in the Help on your phone.
- Work account that you access using a VPN connection.

Synchronizing Outlook email with your computer

If you have installed the synchronization software on your computer and created a partnership with your phone, then your phone is ready to send and receive Outlook email.

If you have not yet installed the synchronization software nor created a partnership, do so by following the procedures in Chapter 6.

To set up your company email account so that you can access Outlook email messages wirelessly, you must set up your phone to sync via an over-the-air connection with your company's Exchange Server. For more information about synchronizing with your company email server, see Chapter 8.

Setting up your Internet email account

On the Mail tab of your Home screen, easily set up POP3 or IMAP email accounts from Web-based email providers. See "Mail" in Chapter 3 for instructions.

Creating and replying to email messages

After setting up email accounts on your phone, you can start sending and receiving email messages.

To create and send an email

1. On the Home screen, slide to the Mail tab.

2. At the right side of the screen, tap an email account you want to use, or slide your finger up or down until you have selected the desired account.

3. Tap the **New Mail** icon ( ).

4. Fill in one or more recipients. In the **To** field, you can:

   • Start entering the first few letters of the recipient's name to display a matching list of names with email addresses from your stored contacts. Tap the email address to which you want to send your email.

   • Enter email addresses, separating them with a semicolon (;).

   • Tap **To** to choose contacts or groups from your phone.
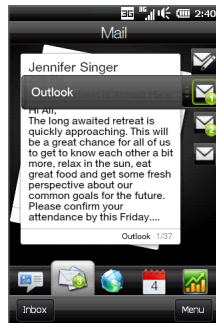
    If you have an Exchange Server email account set up on your phone and you see the Company tab ( ), you can search for and add contacts from the Company Directory. For more information about finding contacts in the Company Directory, see Chapter 8.

5. Enter a subject and compose your message.

6. To add an attachment to your message, tap **Menu > Insert** and tap the item you want to attach: **Picture**, **Voice Note**, or **File**. Select the file or picture you want to attach, or record a voice note.

7. When finished composing the message, tap **Send**.

- For more information about entering text and symbols, see Chapter 5.
- If you are working offline, email messages are moved to the Outbox folder and will be sent the next time you connect.

To reply to or forward an email

1. On the Home screen, slide to the Mail tab, select the email account, and then tap **Inbox**.

2. Open the message and tap **Menu > Reply**, **Menu > Reply All**, or **Menu > Forward**.

3. Enter your reply message, and then tap **Send**.

Adding your signature in sent email

You can set your phone to automatically add your name and other information as your signature in sent text and email messages:

1. Press START, tap **E-mail**, and then tap **Menu > Options**.

2. Tap **Signatures** and then select the account to which you want to add your signature.

3. Select the **Use signature with this account** check box, and then enter your signature in the provided text box.

4. To also add your signature to replied and forwarded messages, select the **Use when replying and forwarding** check box.

You need to specify your signature for each type of messaging account.

Downloading a complete email

By default, long email messages that you receive contain only the first few kilobytes of the message. When you open an email, it displays only the headers and part of the message. You must download the whole email to view the complete content.

To download a complete email message, open the email, and then do one of the following:

• Scroll down to the end of the message, and then tap **Get entire message and any attachments** (POP3 email account) or tap **Get the rest of this message** (IMAP4 and Outlook email accounts).

• Tap **Menu > Download Message**.

Download may take some time, depending on the speed of your Internet connection, size of the whole email, and whether file attachments are automatically downloaded.

Downloading file attachments

Depending on your type of email account, your phone may or may not automatically download file attachments with the email messages.

• POP3 email account:

File attachments are automatically downloaded with the email message.

• IMAP4 and Outlook email accounts:

File attachments appear below the subject of an email message. Tapping an attachment opens the attachment if it has been fully downloaded or marks it for download the next time you send and receive email.

You can set automatic download of file attachments. See "Customizing email settings" in this chapter for details.

When viewing email

While viewing an email, you can:

- Tap the sender's photo or a recipient to access the person's contact details.

- If the sender or a recipient is not in your stored contacts, tap the person's name to open the Verify the email address screen. On this screen, tap **Save to People** to save the person's email address to your phone contacts. You can also send an email to the sender or recipient.

- Tap links in the message body to call the displayed number, send email, and access a website.

- Call the sender. See "Directly making calls from email messages" for details.

- Reply to the sender and all recipients.

- Tap **Menu** to view more options for handling the email

- Swipe your finger left or right on the screen to go to the next or previous email.

If the sender's name or email address is shown on the email message with a **Search** button ( ) and you have an Exchange Server email account set up on your phone, you can tap this button to search for the sender from the Company Directory. For more information about finding contacts in the Company Directory, see Chapter 8.

Directly making calls from email messages

You can directly place a call to the sender of an email message if the sender's phone number is stored in your contacts. You can do the following:

- While viewing an open email, tap the **Phone** button ( ) that appears to the right of the sender name to dial the sender's number.

- Select an email on the Home screen's Mail tab or navigate to an email in the Inbox, and then press the TALK/SEND button. The Phone dialer screen then opens, with the sender's phone number automatically filled in and ready to be dialed. Press TALK/SEND again to dial the number.

While the call is in progress, you can directly view the email message from the sender on the Phone dialer screen by tapping the **Keypad** button.
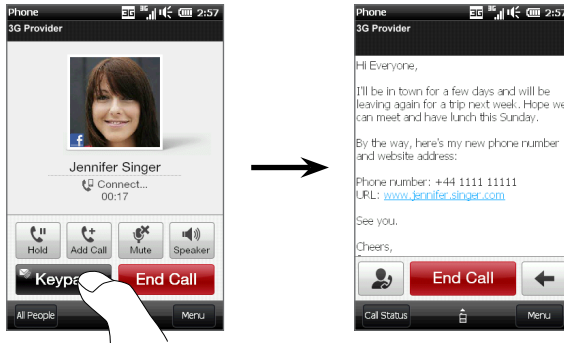
Synchronizing email messages

Synchronizing email messages ensures that new email messages are downloaded to the phone Inbox folder, email messages in the Outbox folder are sent, and email messages deleted from the server are removed from your phone. The manner in which you sync email messages depends on the type of email account you have.

To automatically sync an Outlook email account

1. Connect your phone to your computer through USB or Bluetooth.

   Otherwise, connect through a Wi-Fi or data connection if you are synchronizing Outlook email with the Exchange Server. For more information, see Chapter 8.

2. Synchronization automatically begins, and your phone sends and receives Outlook email.

To manually sync your Outlook or Internet email account

1. Press START and then tap E-mail, or from the Home screen, slide to the Mail tab.

2. Select the email account you want to sync.

3. Tap Menu > Send/Receive.

Filtering your email inbox

When your inbox is full of email, you can filter the inbox to display only the email messages that contain a particular sender or subject that you are looking for.

1. On the Home screen, slide to the Mail tab.

2. Tap an email account and then tap Inbox.

3. Enter the sender name or subject you want to look for. As you type characters, the message list narrows down to the sequence of characters you have entered.

   For example, entering "je" narrows down the list to only the email messages that contain sender names and words in the subject that start with "je."

Customizing email settings

You can make changes to your email account settings or customize download and email size settings.

To change basic email settings

1. On the Home screen, slide to the Mail tab and then tap **Menu > Account Settings**.

2. Tap the email account that you want to modify and make the necessary changes. You can change your email address, password, email provider settings, and more, if you mistyped or chose any wrong options when you were setting up your account.

To change the sync schedule for an Internet email account

1. On the Home screen, slide to the Settings tab and then tap **Data services**.

2. Scroll down the screen to see your email accounts.

3. Tap the email account whose sync schedule you want to change.

4. Make sure the **Send/Receive E-mail automatically** option is selected, and then tap the box under this option to choose a time interval for synchronizing email.

5. Tap **Done**.

To customize advanced settings for an Internet email account

1. Press START and then tap E-mail.

2. Tap Menu > Options and then tap the email account that you want to modify.

3. On the subsequent screen, you can:

   • Tap Edit Account Setup to modify settings such as your email address, password, and more, if you mistyped or chose any wrong options when you were setting up your email account.

   • Tap Send/Receive Schedule to select the number of days of messages to download to your phone.

   • Tap Download Size Settings to set the message format to either HTML or plain text, select a download size for email messages, and choose whether or not to include file attachments when downloading email (for IMAP4 accounts only).

To customize settings for Outlook E-mail

1. Disconnect your phone from your computer.

2. Press START and then tap Tools > ActiveSync.

3. Tap Menu > Options, select E-mail, and then tap Settings.

4. On the Sync Options screen, you can set the message format to HTML or plain text, select the download size limit, and choose whether to include file attachments when downloading email to your phone.

5. Close ActiveSync and reconnect your phone to your computer.

To store attachments on the storage card

1. Press START and then tap **E-mail**.

2. Tap the right or left arrow at the top of the screen repeatedely until the the **Storage** tab is selected.

3. Select the When available, use this storage card to store attachments check box, and then tap **OK**.

Chapter 8

Working With Company Email and Meeting Requests

8.1 Synchronizing With the Exchange Server

To keep up-to-date with your work email and meeting schedules and still have access to the Company Directory while you're out of the office, you can connect your phone to the Internet through Wi-Fi or a data connection and sync with your company's Exchange Server.

Setting up an Exchange Server connection

To access your Outlook work email and meeting schedules from your phone, you need to set up an Exchange Server connection on your phone. You can set this up from the Home screen's Mail tab. See "Mail" in Chapter 3 for instructions.

Starting synchronization

Before you start synchronizing with the Exchange Server, make sure your phone has been set up with a Wi-Fi or data connection to the Internet so that you can sync over the air. For more information about connections, see Chapter 9.

After you finish setting up an Exchange Server connection, your phone automatically starts synchronization.

To manually start synchronization
1. On the Home screen, slide to the Settings tab and then tap **Data services**.
2. Tap **ActiveSync**.
3. Tap **Sync now**.

8.2 Working With Company Email Messages

Your phone gives you instant access to your company email messages and lets you manage your messages easier. Direct Push, Fetch Mail, Remote email search, and email flags are just some of the tools you can use to manage your email messages.

> Some messaging features depend on the Microsoft Exchange Server version used in your company. Check with your network administrator for the availability of these features.

Automatic synchronization through Direct Push

Direct Push technology (push email feature) enables you to receive new email messages on your phone as soon as they arrive in your Inbox on the Exchange Server. Items such as contacts, calendar and tasks are also immediately updated onto your phone when these items have been changed or new entries have been added on the Exchange Server.

To make Direct Push work, you need to have a Wi-Fi or data connection on your phone. If this is your first time to use Direct Push, you also need to perform a full synchronization between your phone and the Exchange Server before Direct Push can be enabled.

> The Direct Push feature works for your phone only if your company is using **Microsoft Exchange Server 2003 Service Pack 2 (SP2) with Exchange ActiveSync or later**.

To turn Direct Push on and off in Comm Manager
After you have set up your Outlook work account, your phone automatically performs a full synchronization with the Exchange Server and enables Direct Push. You can turn Direct Push on and off anytime from the Comm Manager.

1. On the Home screen, slide to the Settings tab and tap **Wireless controls**.

2. On the Comm Manager screen, tap the Off/On slider at the right side of the **Microsoft Direct Push** item.

> When Direct Push is off, you need to manually retrieve your email messages.

Scheduled synchronization
If you do not want to use Direct Push, you can set a regular schedule for synchronizing Outlook email and information.

1. On the Home screen, slide to the Settings tab and then tap **Data services**.

2. Tap **ActiveSync**.

3. Tap **Peak time** and **Non-peak time** to select different sync schedules for each.

4. Tap **Done**.

Instant download through Fetch Mail

The **Fetch Mail** feature downloads an entire email immediately without the need for you to perform a full Send/Receive action. This limits the download to just the email message that you want and helps save data cost.

> Fetch Mail works for your phone only if your company is using **Microsoft Exchange Server 2007 or later**.

1. Press START, tap **E-mail > Outlook E-mail** and then open an email message.

2. By default, only the first few words of the message are shown. To download the whole email, scroll to the end of the message, and then tap **Get the rest of this message**.

3. Wait for the remainder of the message body to download.

> - For information about changing email sync options such as setting the download size for email, see "Customizing email settings" in Chapter 7.
>
> - When you receive an email that contains a link to a document such as a PDF or Microsoft Office document located on SharePoint or an internal file server, you can tap the link to view the document on your phone. You can view the document only if you have a Microsoft Outlook account that syncs with Microsoft Exchange Server 2007 or later. Exchange Server must also be set up to allow access to SharePoint document libraries or internal file servers.

Searching for email messages on the Exchange Server

You can access email messages that are not available on your phone by searching your Microsoft Exchange Server mailbox. The search results are downloaded and displayed in a Search Results folder.

Your company must be using **Microsoft Exchange Server 2007 or later**.

1. Press START and then tap **E-mail > Outlook E-mail**.
2. Tap **Menu > Tools > Search Server**.
3. In the **Look for** text box, enter the search keyword.
4. Choose the date range of messages to search from.
5. In the **Look in** list, specify whether to search in the **Inbox**, **Sent Items**, or **All Folders**, and then tap **Search**.

To clear the search results and return to the message list, tap **Menu > Clear Results**.

Out-of-office auto-reply

Outlook E-mail allows you to retrieve and change your out-of-office status. Just like desktop Outlook, Outlook E-mail on your phone automatically sends an auto-reply message when you're not available.

1. Press START and then tap **E-mail > Outlook E-mail**.
2. Tap **Menu > Tools > Out of Office**.
3. In the **I am currently** list, select **Out of the Office**.
4. Enter your auto-reply message, and then tap **Done**.

Flagging your messages

Flags serve as a reminder for you to follow-up on important issues or requests contained in email messages. Flagging messages, which is a useful feature on desktop Outlook E-mail, can also be done in Outlook E-mail on your phone. You can flag received email messages on your phone.

> Flags are enabled only if email messages are synchronized with **Microsoft Exchange Server 2007 or later**. Flags are disabled or hidden if email messages are synchronized with earlier versions of Microsoft Exchange Server.

1. Press START and then tap **E-mail > Outlook E-mail**.

2. Open a message.

3. Tap **Menu > Follow Up** and select one of the following options:

   - **Set Flag** Mark the message with a red flag to remind yourself to follow it up.

   - **Complete Flag** Mark the message with a check mark to indicate that the issue or request in the email is already completed.

   - **Clear Flag** Remove the flag to unmark the message.

> Email message reminders are displayed on your phone if the messages are flagged with reminders and synchronized from the Exchange Server.

8.3 Starting a Conference Call from an Email

From an email message that you received in your Outlook work account, you can directly start a conference call with the sender and other recipients of the email.

1. On the Home screen, slide to the Mail tab and then select your Outlook E-mail account.

2. Swipe your finger up or down the screen to browse through received email. Tap an email message to open it.

3. Tap the **To** or **Cc** button.

   If you do not see the **To** and **Cc** buttons, scroll up the screen.

4. On the Select Contacts to Call screen, select the check boxes of the sender and recipients who you want to join in your conference call and then tap **Conference**.
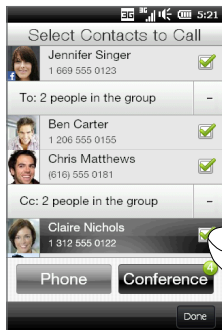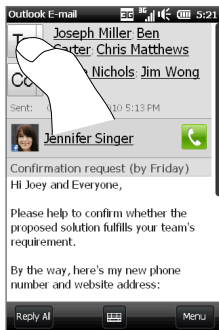
If you do not see the sender, scroll up the screen first so you can see and select the sender.

5. The participants list is then displayed from which you can start the conference call. You need to call each participant one at a time and connect each call to the conference call. The primary phone number (mobile number) of each participant will be dialed.

- If you want to choose from other stored phone numbers of a participant, tap the Phone Selection button (📞·) that appears next to the participant's name and then select another number.

- To remove a participant before starting the conference call, tap Keypad and clear the check box of that participant.

6. Dial the first participant by tapping the Talk button (📞) that appears to the right of this participant.

7. When the first call is connected, tap the Talk button (📞) of the second participant to dial the second call. The first call is automatically put on hold.

8. When the second call is connected, tap the Join button (📞) to add it to the conference call. After combining the calls to the conference, dial the next participant.

9. Repeat steps 7 and 8 until all participants are added and connected to the conference call.

> While the conference call is in progress, you can still dial and add more calls. Tap **Invite participants** (👤) to dial another call. At most, you can have up to five participants in the conference call.

10. To manage your conference call, such as a putting the conference call on hold while talking in private with one participant, ending the conference call, and more, see "During the conference call" in Chapter 2 for details.

8.4 Meeting Requests

When you schedule and send meeting requests from your phone, you can invite attendees to your meeting and check their availability.

You can also receive and reply to meeting requests on your phone.

> You must have an Outlook E-mail work account that syncs with **Microsoft Exchange Server 2007 or later**.

Sending meeting requests

Use the Home screen's Calendar tab to create and send meeting requests.

1. On the Home screen, slide to the Calendar tab.

2. If you are scheduling a meeting for the current day, tap **Menu > New Appointment**. Otherwise, tap another date on the calendar and then tap **New Appointment**.

3. Fill in the details, such as a descriptive name about the meeting, location, and the start and end time.

4. Under **Reminder**, choose how soon before the meeting you want to be notified.

5. To add required and optional attendees, tap the **Add** button
   (👤).

6. Tap the text box that shows the words "E-mail address". If the
   email address of an attendee is stored in your contacts, simply
   enter the first few letters of the attendee's name. A matching list
   of contacts will then be displayed, and you can just tap a contact
   to add it.

   If the email address of an attendee is not stored in your contacts,
   enter the full email address and then tap the Enter key to add it.

   Repeat this process to add more attendees. Tap **Done** after
   adding all attendees.

   > If you're sending the meeting request using your Outlook work
   > account, you can specify if an attendee is required or optional
   > only if the Outlook E-mail account on your phone syncs with
   > Microsoft Exchange Server 2007 or later version. Otherwise, all
   > attendees are designated as required.

7. Tap **Done** to send the meeting request.

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.

Replying to meeting requests

When you receive a meeting request on your Outlook E-mail work
account, you can reply by accepting or declining the request. The
meeting request also clearly indicates whether or not there are
conflicting or adjacent meetings.

1. When you receive a meeting request email, a notification is
   displayed on your phone. Open the email.

2. Tap **Accept** to reply and accept the meeting request, or tap **Menu**

> Decline if you cannot attend the meeting.

- Before responding, you can check your availability during the time of the requested meeting by tapping View your calendar.

- If the time of the meeting conflicts with your other appointments, a "Scheduling Conflict" status appears on top of the email.

3. Choose whether or not to edit your response email before sending, and then tap OK.

If you accept the meeting request, it is automatically added as an appointment in Calendar on your phone.

8.5 Making a Call from a Meeting Request or Reminder

When you receive a calendar reminder or meeting request e-mail that contains a phone number, you can tap the number to directly place the call.

For example, if you are traveling and need to join a conference bridge call back in the home office, rest assured that you can join the call without delay. Appointment reminders you receive on your device will conveniently display the phone number and PIN, ready for you to dial.
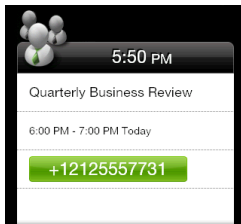
8.6 Finding Contacts in the Company Directory

You can access information of your work contacts, such as their email addresses, from your company's Company Directory on your phone. By having over-the-air access to the Company Directory, you can easily send email messages and meeting requests to anyone in your company.

✳ Access to the Company Directory is available only if the Outlook E-mail work account on your phone syncs with **Microsoft Exchange Server 2003 SP2 or higher**, and you have completed your first synchronization with the Exchange Server.

When browsing contacts

1. Sync with the Exchange Server. For instructions, see "Synchronizing With the Exchange Server" in this chapter.

2. While browsing through your contacts list, tap **Menu > Company Directory**.

3. Enter a partial or full contact name and tap **Search**. In the search results list, tap a contact.

4. You can then save the contact from the Company Directory to your phone, make a call to the contact, send an email, and more.

✑ You can search for the following information as long as that information is included in the Company Directory: First name, Last name, Email name, Display name, Email address, or Office location.

When composing email

1. Sync with the Exchange Server. For instructions, see "Synchronizing With the Exchange Server" in this chapter.

2. In a new email message, tap **To** (or tap **Menu > Add Recipient**), and then tap the **Company** tab at the bottom of the screen.

3. Tap the "Search in company directory" field and start entering the first few letters of the recipient's name to display a matching list of names from the Company Directory.

4. Select the contact to whom you want to send your email and then tap **Done**.

When viewing a received Outlook email message

1. Open a received Outlook email message.

2. If a **Search** button ( ) appears to the right of the sender name in the email message, tap this button to search for the sender in the Company Directory.

3. If the sender is found, the contact details will be displayed. You can then choose to save the sender to your contacts, call the sender, and more.

Chapter 9

Internal and Social Networking

9.1   Ways of Connecting to the Internet

Your phone's networking capabilities allow you to access the Internet or your corporate network through Wi-Fi, GPRS/3G (or EDGE when available), or dial-up. You can also add and set up a VPN or proxy connection.

Wi-Fi
Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your phone, you need access to a wireless access point or "hotspot".

The availability and range of your phone's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

To turn Wi-Fi on and connect to a Wi-Fi network
1. On the Home screen, slide to the **Settings** tab and then tap **Wireless controls**.
2. Tap **Wi-Fi**. Detected wireless networks are displayed on the screen.
3. Tap the desired Wi-Fi network.
   - If you selected an open (unsecured) network, you are automatically connected to the network.

• If you selected a secured network, enter the security key and then tap **Done**. You are then connected to the network.

Indicates that your phone is connected to this Wi-Fi network

Signal strength

Indicates a secured Wi-Fi network.

Network name (SSID)
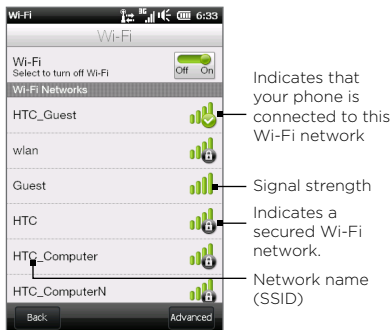
4. Tap **Back** to return to the previous screen.

Next time you use your phone to detect Wi-Fi networks, you will not be prompted to enter the network key of the previously accessed Wi-Fi network (unless you perform a hard reset which will erase custom settings on your phone).

• Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a username and password for certain closed wireless networks.

• To turn off Wi-Fi, on the Wireless controls screen, tap the Off/On switch at the right side of the **Wi-Fi** item.

To add a wireless network

1. On the Home screen, slide to the **Settings** tab and then tap **Menu > All Settings**.

2. Tap **Connections > Wi-Fi > Adaptor and Networks**. The Wi-Fi screen then opens.

3. Tap **Add New** (or **Menu > Add New**) and enter the details for connecting to the wireless network.

To set your phone to turn off Wi-Fi automatically

Wi-Fi quickly consumes battery power. Manually turn off Wi-Fi when not in use. You can also set your phone to automatically turn off Wi-Fi after a specified timeout period.

1. On the Home screen, slide to the **Settings** tab and then tap **Menu > All Settings**.

2. Tap **Connections > Wi-Fi > Adaptor and Networks**.

3. On the Wi-Fi screen, tap **Menu > Advanced**.

4. Select the timeout period for automatically turning off Wi-Fi when your phone is not connected to any wireless network.

GPRS/3G

Use GPRS/3G (or EDGE, if available) to connect to the Internet and to send and receive email on your phone. You will need a data plan to use your mobile operator's GPRS/3G network. Check with your mobile operator to find out about GPRS/3G rates.

Your phone automatically sets up the data connection based on your SIM card when you turn on the phone for the first time. Do not change the connection settings as this may cause services to stop working. If you need to add another GPRS/3G connection on your phone, contact your mobile operator.

You can also manually select the mobile operator to use for data connections. See "Using Connection Setup" in Chapter 14 for details.

Dial-up

To set up a dial-up connection to your Internet Service Provider (ISP) on your phone, you need the same settings that you normally use when you dial up from your computer. This includes the ISP server phone number, your user name and password.

1. On the Home screen, slide to the Settings tab and then tap Wireless controls.

2. Tap Menu > Connections and then tap Add a new modem connection.

3. In the Select a modem list, select Cellular Line, and then tap Next.

4. Enter the ISP server phone number, and then tap Next.

5. Enter your user name, password, and any other information required by your ISP, and then tap Finish.

Starting a data connection

After setting up a data connection such as GPRS/3G or ISP dial-up on your phone, you can now connect your phone to the Internet. The connection is automatically started when you begin using a function that accesses the Internet such as email or the Web browser.

To manually start a data connection

If you have several types of data connections on your phone, you can manually start a connection.

1. On the Home screen, slide to the **Settings** tab and then tap **Wireless controls**.

2. Tap **Menu > Connections** and then tap **Manage existing connections**.

3. Press and hold the name of the desired connection, and then tap **Connect**.

To disconnect an active data connection

1. On the Home screen, slide to the **Settings** tab, and then tap **Wireless controls**.

2. Tap the Off/On switch at the right side of the **Data connection** item.

9.2 Using Opera Mobile

Opera Mobile™ is a full-featured Internet browser, optimized for use on your phone.

On the Home screen, slide to the Internet tab and then tap Launch Browser to open Opera Mobile. From the Internet tab, you can also enter a search keyword first on the search box and then tap the Search button (🔍) to do a Web search in Opera Mobile.

The browser screen

Opera Mobile displays in two modes: full-screen and normal viewing modes. Full-screen mode hides the address bar and the browser controls. To change from full-screen to normal viewing mode, tap the Restore icon (▲) at the bottom right corner of the browser screen.

In normal viewing mode, you can use the following browser controls:

1	Return to the previous Web page viewed.
2	Add, edit, or delete Web favorites.
3	Add a new browsing tab or switch to another browsing tab.
4	Go to the home page.
5	Open the browser menu and choose display settings, save Web pages, and more. See "Opera Mobile menu" for details.

Searching for a website and adding it to favorites

1. If Opera Mobile is in full-screen mode, tap the **Restore** icon (▲).
2. To search for information on the Web and select a website that you want, tap the address bar, enter a search keyword in the search box below the address bar, and then tap the **Search** icon (🔍).

   Otherwise, if you know the Web address, tap on the address bar, enter the address of the website, and then tap the **Go** icon (▶).
3. After browsing a website, tap the **Restore** icon (▲) again to display the browser controls, and then tap the **Favorites** icon (★).
4. Tap **Add Favorite**.
5. Use the provided title or enter a descriptive title for the website.
6. To save the website address as a favorite, tap **Done**.

Mobile view

When you open a Web page in Opera Mobile, the page is displayed in desktop view and text may appear in the smallest size. To reformat Web pages to fit the screen of your phone so that the content is readable, set Opera Mobile to display in mobile view.

Tap ▤ > **Settings** > **Display**, and then select the **Mobile view** check box.
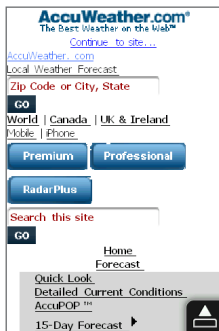
Desktop view   Mobile view

Zooming and panning

Use pinch zooming to easily zoom in and out of a Web page. Press both your thumb and index finger on the touch screen and then spread your fingers apart to zoom in. Pinch your fingers together to zoom out.

While zoomed in, drag your finger in any direction to move around the Web page.

Opera Mobile menu

1	⚙ Settings	1	Open the Settings screen where you can set your home page, change display settings, set privacy settings, and more.
2	↴ Downloads	2	View items being downloaded, and resume or stop current downloads.
3	ⓘ Page Info	3	View information about the Web page you are browsing.
4	◻ History	4	See Web pages that you have viewed.
5	◻ Saved Pages	5	Manage and view Web pages that you have saved.
6	ⓘ Help	6	Open the Opera Mobile help file.
7	⏻ Exit	7	Close Opera Mobile completely.

For more information about using Opera Mobile, go to: http://www.opera.com/products/mobile/.

9.3 Using Internet Explorer Mobile

Internet Explorer Mobile is the standard Web browser that is included with Windows Mobile. To use Internet Explorer Mobile, press START and then tap Internet Explorer.

The browser screen

Internet Explorer Mobile displays in two modes: full-screen and normal viewing modes. Full-screen mode hides the address bar and the browser controls. To change from full-screen to normal viewing mode, tap the Restore icon (🔘) at the bottom right corner of the browser screen.

In normal viewing mode, you can use the following browser controls:

1	Open the Start screen.
2	Return to the previous Web page viewed.
3	Display or hide the onscreen keyboard of your phone.
4	Open the browser menu and choose display options and other settings.
5	Close Internet Explorer Mobile.

Entering a website address and adding it to your favorites

1. If Internet Explorer is in full-screen mode, tap the **Restore** icon (😑).
2. Tap on the address bar, enter the address of the website, and then tap the **Go** icon (🔵).
3. After browsing the website, tap the **Restore** icon (😑) again to display the browser controls, and then tap the **Favorites** icon (⭐) to the left of the address bar.
4. Tap **Add Favorite**.
5. Use the provided title or enter a descriptive title for the website.
6. To save the website address as a favorite, tap **Done**.

Zooming and panning

If Internet Explorer is in full-screen mode, tap the **Restore** icon (😐).to display and use the onscreen zoom slider. While viewing a Web page, slide your finger up on the onscreen zoom slider to zoom in, or slide down to zoom out.

While zoomed in, drag your finger in any direction to move around the Web page.

9.4 Using YouTube

YouTube™ lets you browse, search, and watch Internet videos that are posted in YouTube. To open YouTube, press START and then tap YouTube.

> You need an active data or Wi-Fi connection to use YouTube. If you are using a GPRS/3G connection, watching Internet videos may significantly increase your data connection costs.

The YouTube main screen

Slide your finger up or down the main screen to browse through the most popular YouTube videos. You can browse for more videos by tapping Download at the bottom of the video list.

On the YouTube main screen, you can:

- Tap Filter to filter the list by type of video (Featured, Most Viewed, Top Favorited, or Top Rated) and by the time period when videos were uploaded to the YouTube server.

- Use the Program Guide if you want to browse videos by channels. See "Using the Program Guide" for details.

- Tap ⓘ to view details about a video.

- Tap a video to watch it. See "Watching videos" for details.

- Tap the tabs at the bottom to switch between the different YouTube screens: Main screen, Bookmarks, History, and Search.
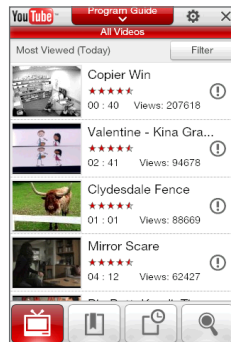
Searching for videos

Tap the **Search** tab (🔍) to open the Search screen where you can specify your criteria for searching for YouTube videos.

1. On the **Search** screen, enter the video information, and then tap **Search**.

   YouTube searches for the video, and then displays all related videos on the screen.

2. Tap a video to watch it. See "Watching videos" for details.

Using the Program Guide

The Program Guide categorizes videos into channels so you can browse and watch related videos available on YouTube. You can also add your favorite video channel in the Program Guide.

To add a new channel

1. Search the channel or video you want to add to the Program Guide. See "Searching for videos" for details.

2. In the search results list, tap ⓘ at the right side of the video or channel to open the details screen.

3. Tap 📺, and then tap **OK** on the confirmation screen.

   The channel you just subscribed to is shown when you tap **Program Guide**.
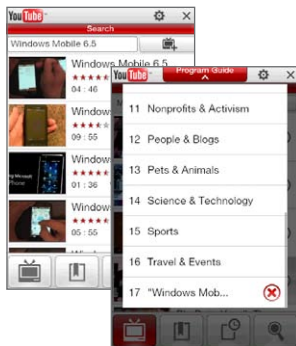
💡 You can also add search information as a program channel.

To change the program channel

1. Tap 📺 to return to the main screen and then tap **Program Guide** on top of the screen.

2. On the Program Guide, select a channel.

> 💡 You can scroll down to view more channels.

The video list refreshes to display the available videos for the selected channel.

To delete a program channel

You can only delete channels that you have added to the Program Guide.

1. Tap **Program Guide**.

2. Scroll down to the channel that you want to delete, and then tap ⊗.

3. On the confirmation screen, tap **Yes**.

Watching videos

Tap a video on any YouTube screen, program guide channel, or search results list to launch the YouTube Video Player. Use the onscreen controls at the bottom of the player to control the playback.

> 💡 To adjust the volume, press the VOLUME UP and VOLUME DOWN buttons on the left panel of the phone.

After you stopped or finished watching the video, you can add the video to Bookmarks, send the link to this video by email, choose to watch other related videos, and more.

9.5 Using Streaming Media

Streaming Media lets you stream live broadcasts or on-demand media content from the Web. The media is sent in a continuous stream to your phone and is played as it arrives, along with the audio.

The Streaming Media program allows you to play **3GP** and **MPEG-4** files. It also supports playback of **SDP** (Session Description Protocol) files.

To access streaming content via the Web browser
Using the Web browser on your phone, you can open a Web page containing RTSP (Real Time Streaming Protocol) links to streaming media content then play the content in the Streaming Media program.

1. On the Home screen, slide to the **Internet** tab and tap **Launch Browser**.
2. In the address bar, enter the URL address of the Web page that contains the RTSP link to the desired *.3gp, *.mp4, or *.sdp file.
3. On the Web page, tap the RTSP link.
4. Streaming Media then automatically opens and starts playing the file. During playback, use the slider and button controls to play/pause, fast forward, view the video in actual size, expanded size, or full screen, and more.

To stream media files directly on the Streaming Media Player
Streaming Media only supports RTSP links when you stream *.3gp and *.mp4 files directly on the program.

1. Press START and then tap **Multimedia> Streaming Media**.
2. Tap **Menu > Connect**.
3. Enter the complete RTSP link, and then tap **Done**. Streaming Media starts playing the file.

4. During playback, use the slider and playback control buttons to play/pause, switch to full screen, fast forward, and more.

To configure streaming video connection settings
Tap **Menu > Options** to configure the Streaming Media settings. From this screen, you can set the media buffer, select the connection to use, set all streaming videos to play in full screen, and more.

9.6 Using Windows Live

Windows Live helps you quickly find information using Windows Live Search, access and sync your Windows Live Mail and contacts, and send instant messages using Windows Live Messenger.

To set up Windows Live for the first time
1. Press START and then tap **Windows Live**.
2. Tap **Sign in to Windows Live**.
3. Tap the links to read the Windows Live Terms of Use and the Microsoft Online Privacy Statement. After reviewing them, tap **Accept**.
4. Enter your Windows Live Mail or Hotmail address and password, select the **Save password** check box, and then tap **Next**.
5. Tap **Next**.
6. Choose what information you want to sync online with your phone.

   If you select **Store Windows Live contacts in your mobile phone's contact list**, your Windows Live contacts will be added to the contact list and to Windows Live Messenger on your phone.

   If you select **Sync e-mail**, your Windows Live Mail or Hotmail inbox messages will be downloaded to your phone.

7. Tap **Next**.

8. After synchronization is complete, tap **Done**.

The Windows Live screen
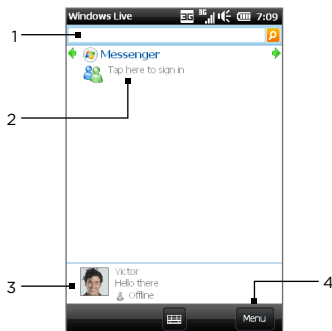
1	Search bar. Enter the information you want to search, then tap 🔍.
2	Switch between the Windows Live Messenger, Windows Live Mail, and Sync status screens.
3	Change your display name, picture, and personal message.
4	Adjust Windows Live settings.

Using Windows Live Messenger

With this mobile version of **Windows Live Messenger**, you can send and receive instant messages.

To sign in to Windows Live Messenger and start a conversation

1. Tap **Messenger** on the Windows Live screen.

2. Tap **Sign in** on the Messenger screen. Signing in may take several minutes, depending on your connection speed.

3. In the contact list, select an online contact, and then tap **Send IM** to open the message screen.

4. On the message screen, enter your message in the text field, then tap the Enter key on the onscreen keyboard to send the message. You can also do any of the following on the message screen:

   - To add an emoticon, tap **Menu > Add emoticon**, then tap an emoticon on the screen. The emoticon is attached to your message.

   - To send a file, tap **Menu > Send**, select the type of file (picture, voice clip, or any file), and then locate the file you want to send.

   - To invite one or more contacts to the conversation, tap **Menu > Options > Add participant**.

   - To send a voice message, tap **Voice clip** on the message screen, then start talking. When you have finished recording, tap **Send**.

5. To end the conversation with the current contact, tap **Menu > End conversation**.

6. To sign out, tap **Menu > Sign out**.

To add a Windows Live contact

You can add new Windows Live contacts in Windows Live Messenger.

1. Tap **Menu > Add new contact**.

2. Enter the email address of the contact, and then tap **OK**.

9.7 Twittering on Your Phone

Share your thoughts with people in Twitter anytime, anywhere. Directly from your Home screen's Twitter tab, it is simple and convenient to use this popular Internet social networking service.

Logging in to your Twitter account

If you do not have a Twitter account yet, you can sign up for free on the following Twitter website using your computer or your phone's Web browser: http://twitter.com/signup.

If you did not log into your Twitter account when you turned on and set up your phone for the first time, the Home screen's Twitter tab allows you to log in to Twitter.

1. On the Home screen, slide to the Twitter tab, and then tap the **Twitter** icon (🄫) on the center screen.

2. Enter the user name or email address and the password that you use for your Twitter account. Select the **Remember me** check box to store your login information so you do not have to re-enter it the next time you log in.

3. Tap **Login**.

Once you are logged in, you're ready to send and follow tweets on your phone.

Viewing tweets

On the Home screen's Twitter tab, you can see tweets of the people that you follow and your sent tweets, starting with the most recent. Swipe your finger up or down the screen to scroll through the tweets.

To use more Twitter functions, tap any tweet or tap **All Tweets** at the bottom of the screen.

The All Tweets screen opens, listing all tweets organized by date. Tap a tweet to access more Twitter functions, such as sending replies or direct messages, viewing someone's profile, and more. You can also tap or slide across the tabs on the bottom row to change among the following types of tweets:
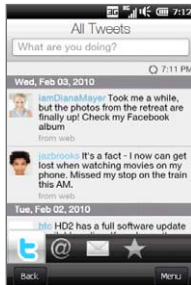
Tabs	Function
All Tweets	Shows tweets from all the Twitter users you follow and the tweets that you sent grouped by date.
Mentions	Shows only tweet responses that people addressed to you.
Direct Messages	Shows private messages sent to you.
Favorites	Shows tweets you have marked as favorites.

Sending tweets

You can send tweets either from the Home screen's Twitter tab or from the All Tweets screen.

1. Tap the text box that shows the words "What are you doing?"
2. On the subsequent screen, enter your tweet message.
3. In your tweet, you can also share your photo and location information. See "Sharing a photo in Twitter" for details.
4. Tap Update to send your tweet.

Sending mentions and direct messages

A mention (reply) is just the same as any tweet message, except that it's specifically addressed to a person and his or her name will appear in your sent tweet. A direct message is a private message sent to someone and cannot be seen by everyone else in Twitter.

1. On the Home screen, slide to the Twitter tab and then tap All Tweets.
2. Tap a tweet from the person whom you want to send a reply or direct message.
3. In the Options menu, choose the type of tweet (Reply or Direct Message) you want to send.
4. Enter your message and then tap Update to send it.

Searching for Twitter users to follow

You can search for people or topics of interest and follow them so you can readily see their latest tweet updates on your phone.

1. From the Home screen's Twitter tab or the All Tweets screen, tap Menu > Search.
2. Tap the text box that shows the words "Search tweet". Enter the Twitter username or a search keyword, and then tap the Search button (🔍).

3. From the search results, tap the photo of the person or topic you want to follow.

4. The Profile screen is then displayed, showing details about the person or topic. Tap **Follow**.

If you want to stop following a certain Twitter user or topic, go back to the All Tweets screen, tap the photo of that user or topic, and then tap **Unfollow**.

Sharing a photo in Twitter

Photos that you share on Twitter are uploaded to a photo hosting service that's specified in your phone's Twitter settings. To find out how to select the hosting service, see "Changing Twitter settings".

You can upload only one photo at a time. Create a new tweet first, and then select a photo or use the Camera to take a photo. The URL location of your photo will be inserted into your tweet message.

1. Create a new tweet. See "Sending tweets" for instructions.

2. On the screen where you've entered your tweet message, tap the **Camera** button (🔲).

3. Browse through your photos. If you do not see the photo that you want, tap **Albums** and select the album that contains the photo you want to share.

4. When you see the photo that you want, tap the photo to select it. You can also tap the **Camera** icon (🔲) to take a photo using your phone's Camera.

5. Your phone then begins uploading the photo to the Twitter photo host. When the upload is done, the URL location of the photo is then entered to your tweet message.

6. Tap **Update** to send your tweet along with the URL of the photo so other people can see it in Twitter.

When you return to the Home screen's Twitter tab and tap All Tweets, you will see the sent tweet that contains the URL of your shared photo.

Changing Twitter settings

On the Home screen's Twitter tab or the All Tweets screen, tap Menu > Settings when you want to change the number of tweets to download, download time, photo hosting site, URL shortening host, and more.

Logging out of Twitter

While your phone is connected to the Internet, you're always logged on to your Twitter account on your phone. You can log out of Twitter from the Home screen's Twitter tab.

1. On the Home screen, slide to the Twitter tab.

2. Tap Menu > Settings.

3. To log out, tap your Twitter account name and then tap Yes.

You can also log out of Twitter from the Home screen's Settings tab. From this tab, tap Data services > Twitter > Logout and then tap Yes.

9.8 Sharing Photos and Videos on Facebook, Twitter, and YouTube

Directly from your phone, you can easily share your photos on Facebook and Twitter. You can also upload videos to YouTube.

Logging into your social networks

If you skipped setting up your social network accounts when you turned on your phone for the first time, you need to log in first to your accounts before you can upload and share your photos and videos.

1. On the Home screen, slide to the Settings tab and then tap **Data services**.

2. Log in to Facebook, YouTube, and Twitter one at a time. Tap the name of the social network you want to log in to, and then tap **Login**.

3. On the subsequent screen, enter your username and password. Select the **Remember me** check box if you want to store your login information so you do not have to re-enter it the next time you log in. Tap **Login**.

Uploading photos to Facebook

After taking a photo with your phone's Camera, you can upload the photo to Facebook. Use Albums when you want to upload several photos at the same time.

1. Open the Camera and take a photo. For instructions, see "Taking Photos and Videos" in Chapter 12.

2. After taking a photo, tap the **Send** icon ( ), select **Upload to Facebook**, and then tap **Send**.

3. To share several photos, slide to the Photos & Videos tab on the Home screen, and then tap **Albums**.

In Albums, tap **Menu > Share > Facebook**, tap each of the photos you want to share, and then tap **Upload**.

After upload is complete, you can check and view your Facebook photos in Albums. See "Viewing Facebook photos" in Chapter 12 for details.

Uploading a photo to Twitter

You can upload only one photo at a time to Twitter and share the URL location of the photo in your sent tweet. To find out how to upload your photo to Twitter, see "Sharing a photo in Twitter" in this chapter.

Uploading videos to YouTube

You can use Camera to capture a video and immediately share it on YouTube. Use Albums when you want to upload several videos at the same time.

1. Open the Camera and capture a video. For instructions, see "Taking Photos and Videos" in Chapter 12.

2. After capturing a video, tap the **Send** icon ( ), select **Upload to YouTube**, and then tap **Send**.

3. On the Video Upload screen, enter a descriptive title and tags for the video. Also tap the Off/On switch to set whether to make this video public to everyone.

4. Tap **Upload**.

5. To share several videos, slide to the Photos & Videos tab on the Home screen, and then tap **Albums**. In Albums, tap **Menu > Share > YouTube**, tap each of the videos you want to share, and then tap **Next**. Follow steps 3 and 4 above to upload the videos to YouTube.

After upload is complete, use the Web browser to log into your YouTube account if you want to check and view the uploaded videos. You will find them grouped under "My Videos".

9.9 Using Facebook on Your Phone
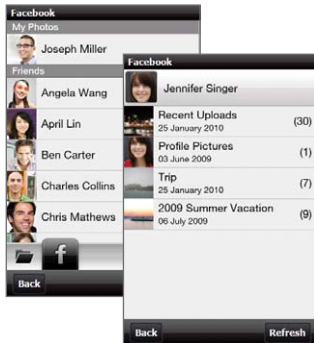
Using Albums on your phone, you can view yours and other people's Facebook albums and photos. For more information, see "Viewing Facebook photos" in Chapter 12.

Your phone notifies you about what's happening with your Facebook world. On your phone, you can check whether there are new updates and events in your Facebook and see what's happening with other people.

For more information, see "Facebook Updates and Events" in Chapter 4.

9.10 Using Your Phone as a Modem

If you do not have Internet access on your desktop or notebook computer, you can connect your computer to the Internet by using your phone's data connection such as GPRS/3G. You can connect via USB or Bluetooth.

Before you proceed

- Make sure your phone has a SIM card installed, and your phone has a GPRS/3G or dial-up modem connection. For more information about setting up these connections, see "GPRS/3G" and "Dial-up" in this chapter.

- To set up your phone as a USB modem, you must first install Windows Mobile Device Center or Microsoft ActiveSync version 4.5 or later on the computer.

- To use a Bluetooth connection, make sure your computer has built-in Bluetooth capability. If your computer does not have Bluetooth, you can connect and use a Bluetooth adapter or dongle.

Setting up your phone as a USB modem

1. Connect the phone to your desktop or notebook computer using the USB sync cable.

2. When the Connect to PC screen appears, select **Internet Sharing**, and then tap **Done**.

   The Internet Sharing screen then opens and automatically connects your computer to the Internet using your phone.

Using your phone as a Bluetooth modem

To use your phone as a Bluetooth modem for your computer, set up a Bluetooth Personal Area Network (PAN) between your phone and your computer.

To set up Bluetooth PAN on your phone

1. On your phone, turn on Bluetooth and set it to visible mode. For instructions, see "Turning Bluetooth on and making your phone visible" in Chapter 10.

2. Initiate a Bluetooth partnership from your phone. For instructions, see "Creating a Bluetooth partnership" in Chapter 10.

3. Set up Bluetooth PAN on your computer. For instructions, see "To set up Bluetooth PAN on your computer".

4. On your phone, tap **Accept** to connect to your computer.

A connected status message is displayed, which indicates that your computer has been successfully connected to the Internet using your phone as a Bluetooth modem.

To set up Bluetooth PAN on your computer
For Windows 7:

1. Click **Start > Control Panel > Network and Internet > Network and Sharing Center**.

2. Under **Change your networking settings,** click **Set up a new connection or network**.

3. Click **Connect to a Bluetooth personal area network (PAN),** and then click **Next**.

4. In the Bluetooth Personal Area Network Devices dialog box, select your phone and then click **Connect using > Direct connection**.

For Windows Vista:

1. Click **Start > Control Panel > Network and Sharing Center**.

2. Click **Manage network connections** and then under **Personal Area Network**, double-click **Bluetooth Network Connection**.

3. In the Bluetooth Personal Area Network Devices dialog box, select your phone, and click **Connect**.

For Windows XP:

1. Click **Start > Control Panel > Network Connections**.

2. Under **Personal Area Network**, click the **Bluetooth Network Connection** icon.

3. Under **Network Tasks**, click **View Bluetooth network devices**.

4. In the Bluetooth Personal Area Network Devices dialog box, select your phone, and click **Connect**.

> If the Bluetooth adapter or dongle on your computer was installed using a third-party driver, open the Bluetooth software that came with the Bluetooth adapter/dongle to connect your computer and phone via Bluetooth. Refer to the Bluetooth adapter/dongle documentation for more information.

Ending the Internet connection

For a USB connection
On the Internet Sharing screen, tap **Disconnect**.

For a Bluetooth connection
On the Private Networking screen, tap **Menu > Remove**.

9.11 Using Your Phone as a Wireless Router

Wi-Fi Router turns your phone into a wireless router and shares your phone's data connection over Wi-Fi with one or more computers. When you start Wi-Fi Router, your phone creates a secure Wi-Fi network that you can connect to with your computer and access the Internet.

To use your phone as a wireless router, make sure your phone has a SIM card installed and has a 3G/GPRS/EDGE data connection. To connect to your phone's Wi-Fi network, you need a computer with built in Wi-Fi or a Wi-Fi adapter.

Setting up your phone as a wireless router

1. From the Home screen, slide to the Settings tab and then tap **Wireless controls > Wi-Fi Router**, or press START and then tap **Wi-Fi Router**.

2. The first time you open Wi-Fi Router, a brief introduction describing the application is displayed. Scroll down and tap **Next**.

3. On the Wi-Fi Router screen, enter a **Network name** for the Wi-Fi network you want to create, or use the provided default name.

4. Enter a **WEP key** to use to secure the Wi-Fi network, or use the provided default WEP key. The WEP key must be 10 digits long.

5. Under Internet Connection, select the name of the connection your phone uses to access the Internet.

6. Tap **Start**. When the phone is ready to accept connections, it displays instructions for connecting a computer to the Wi-Fi network. Once a computer connects, the instructions disappear and the Wi-Fi Router screen is displayed again.

> You can tap **Help** to display the connection instructions again.

Connecting your computer to your phone's Wi-Fi network

After setting up your phone as a wireless router, connect your computer to your phone via Wi-Fi to access the Internet.

For Windows 7

1. Click **Start > Control Panel > Network and Internet > Network and Sharing Center**.
2. Under Change your networking settings, click **Connect to a network**.
3. Select the name of your phone's Wi-Fi network, and then click **Connect**.
4. Enter the WEP key you used when setting up Wi-Fi Router and then click **OK**.

For Windows Vista

1. Click **Start > Connect To**.
2. In the **Connect to a network** dialog box, select the name of your phone's Wi-Fi network, and then click **Connect**.

> Your phone's wireless network may not show up in the list of available networks immediately. Wait for a moment and then refresh the list to see the wireless network.

3. Enter the WEP key you used when setting up Wi-Fi Router and then click **Connect**.

4. Click **Close**.

For Windows XP

1. Click **Start > Connect To > Wireless Network Connection**.

2. In the **Choose a Wireless Network** dialog box, select the name of your phone's Wi-Fi network, and then click **Connect**.

> Your phone's wireless network may not show up in the list of available networks immediately. Wait for a moment and then refresh the list to see the wireless network.

3. Enter the WEP key you used when setting up Wi-Fi Router and then click **Connect**.

Turning off your phone's Wi-Fi network
On the Wi-Fi Router screen, tap **Stop**.

Turning on your phone's Wi-Fi network in Comm Manager
Once your phone has been set up as a wireless router, you can easily turn the Wi-Fi network on and off in Comm Manager.

1. From the Home screen, slide to the Settings tab and then tap **Wireless controls**.

2. Tap the Off/On slider at the right side of the **Wi-Fi Router** item. When the wireless router starts and is ready to accept connections, the wireless network name and WEP key are displayed.

Chapter 10

Bluetooth

10.1 Bluetooth Modes

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about eight meters (26 feet) without requiring a physical connection.

Bluetooth on your phone operates in three different modes:

- **On**. Bluetooth is turned on. Your phone can detect other Bluetooth-enabled devices, but not vice versa.
- **Visible**. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your phone.
- **Off**. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.

Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

Turning Bluetooth on and making your phone visible

Turn Bluetooth on and make your phone visible (discoverable) when you want other Bluetooth-enabled devices to detect and connect with your phone.

1. On the Home screen, slide to the Settings tab, and then tap **Menu > All Settings > Bluetooth**.

2. When prompted to turn on Bluetooth, tap **Yes**.

3. Tap the Settings tab ( ), and then tap **Not Discoverable**.

4. Select **Always Visible**.

   If you select **Visible for 60 seconds**, Bluetooth visibility will turn off automatically when the time elapses and your phone has not yet connected to another Bluetooth device.

5. Tap **Done**. The 🛇 icon then appears in the title bar to indicate that your phone is in visible mode.

To easily switch Bluetooth off or back on, tap **Wireless controls** on the Home Screen's **Settings** tab to open the Comm Manager and then tap Bluetooth's Off/On switch.

Your phone remembers whether visible mode was previously enabled or disabled. If you did not disable visible mode, switching Bluetooth on in the Comm Manager also puts your phone in visible mode automatically. For more information about using the Comm Manager, see Chapter 14.

10.2 Bluetooth Partnerships

A Bluetooth partnership is a relationship that you create between your phone and another Bluetooth-enabled device in order to exchange information in a secure manner.

Creating a Bluetooth partnership

1. On the Home screen, slide to the Settings tab, and then tap **Wireless controls > Bluetooth**. Your phone then starts searching for other Bluetooth devices.

2. Tap a Bluetooth device to connect with.

3. If prompted, enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.

4. After the receiving party accepts the partnership, the Bluetooth device name is shown on your screen, including all Bluetooth services that you can use with it. Select the check boxes of the Bluetooth services you want to use, and then tap **Done**.

5. If you selected to use the Bluetooth Serial Port service of the paired device, select a local serial port to assign for the paired device, and then tap **Continue**.

When you tap **Menu > All Settings > Bluetooth** on the Home screen's Settings tab, you will see the connected Bluetooth device listed in the Devices tab ( ).

Tap **Properties** to change the paired device name. Tap **Menu > Update** to update the list of services that you can use with the paired device.

Creating a Bluetooth partnership is a one-time process. Once a partnership is created, your phone and the paired device can recognize the partnership and exchange information without entering a passcode again.

Accepting a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.

2. When prompted, enter or accept the passcode (the same passcode from the device requesting the partnership) to establish a secure connection.

3. Tap OK. The paired device now appears in the Devices tab ( ). You can now exchange information with the paired device.

To delete a Bluetooth partnership, select the device's name on the Devices tab, then tap Menu > Delete. When prompted to confirm, tap Yes.

10.3 Connecting a Bluetooth Hands-free or Stereo Headset

For hands-free phone conversations, you can use a Bluetooth hands-free headset such as a car kit with your phone. Your phone also supports A2DP (Advanced Audio Distribution Profile) which allows you to use a Bluetooth stereo headset for hands-free phone conversations and for listening to stereo music.

1. Make sure that both your phone and the Bluetooth headset are turned on and within close range, and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset in visible mode.

2. On the Home screen, slide to the Settings tab, and then tap Wireless controls > Bluetooth. Your phone then starts to search for the Bluetooth headset.

3. Tap to select the hands-free or stereo headset from the list. Your phone will automatically pair with the Bluetooth headset.

   Your phone will automatically try one of the preconfigured passcodes (0000, 8888) to pair with the Bluetooth headset. If this fails, you have to manually enter the passcode delivered with your headset.

4. When connected, the hands-free or stereo headset is shown on your screen, including the Bluetooth services (Hands-free and Stereo Audio) that you can use with it. Make sure these services are selected, and then tap Done.

The paired headset now appears in the Devices tab (👤🖥).
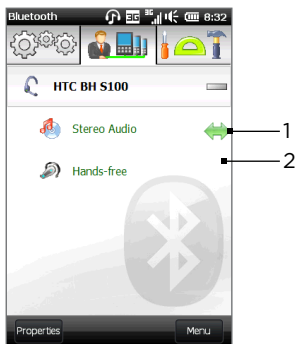
1 The double arrowhead that is displayed to the right of a service indicates that the service is connected with your headset.

2 If you turn off your headset, the double arrowhead disappears to indicate that the service has been disconnected. Next time you turn on and use your headset again, you need to manually reconnect each service. Tap a service to reconnect.

10.4 Sending and Receiving Information Using Bluetooth

You can send the following types of information from your phone to your computer or to another Bluetooth-enabled device: Outlook email, contacts, tasks, notes, calendar items, audio files, ringtones, images, and videos.

If your computer does not have built-in Bluetooth capability, you need to connect and use a Bluetooth adapter or dongle on your computer.

Sending information from your phone to a computer

1. Set the receiving device to discoverable mode. You may also need to set it to "Receive Beams" or "Receive Files". Refer to the device's documentation for instructions on receiving information over Bluetooth.

> If the Bluetooth adapter or dongle on your computer was installed using a third-party provided driver, open the Bluetooth software that came with the Bluetooth adapter/dongle and enable the adapter/dongle to be discovered by other devices. Refer to the Bluetooth adapter's documentation for more information.

2. On the Home screen, slide to the Settings tab, and then tap **Menu** > **All Settings** > **Bluetooth**.

3. Tap the Accessories tab ( ), and then tap **BT Send Object**.

4. Select the type of information and then select the check boxes of items you want to send.

5. Tap **Send**.

6. Tap to select the Bluetooth device to which you want to send the items.

Tap the left or right arrow to change to the type of information you want to send.

7. If you sent Outlook email messages, calendar items, tasks, or contacts to your computer and they are not automatically added to Outlook, select **File** > **Import and Export** in Outlook to import them.
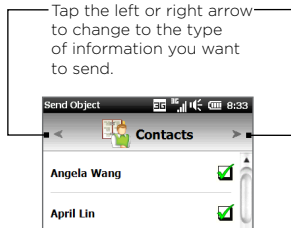
To send information to a Bluetooth-enabled device such as another Windows phone, follow steps 2 to 7 in the above procedure.

> By default, data or files that you send to your computer will be stored in your "My Documents" folder or one of its subfolders depending on the file type.

Sending a file to another Bluetooth-enabled device

1. Press START and then tap **File Explorer**.

2. Navigate to the folder that contains the file you want to send.

3. Press and hold the desired file, and then tap **Send via Bluetooth**.

4. Tap to select the name of the Bluetooth device to which you want to send the file.

Receiving information from another Bluetooth-enabled device

1. When you receive information such as calendar items, tasks, or contacts sent from another Bluetooth-enabled device, tap **Accept**.

2. After your phone has finished saving the information, tap **Done**.

Changing the folder for saving received files

Files that you receive from another Bluetooth-enabled device are saved in \My Documents on your phone. You can change the destination folder for saving received files:

1. On the Home screen, slide to the Settings tab, and then tap **Menu > All Settings > Bluetooth**.

2. On the **Settings** tab ( ), tap **Advanced**.

3. Scroll down and then tap **File Transfer**.

4. Tap **Search** ( ).

5. Select the new destination folder, and then tap **Select**.

> To save received files on your storage card when it is inserted on your phone, select **Save files to storage card when present**. Files will be saved on the root folder of your storage card.

6. Tap **Done**.

10.5 Printing via Bluetooth

Connect your phone to a Bluetooth printer to print your photos.

Before you start printing, make sure to turn on the Bluetooth printer and turn on Bluetooth on your phone. For instructions, see "Turning Bluetooth on and making your phone visible" earlier in this chapter.

Printing a photo

1. On the Home screen, slide to the Settings tab, and then tap **Menu > All Settings > Bluetooth**.

2. Tap the Accessories tab ( ), and then tap **Print Images**. Your phone then searches for photos that are stored on your phone and storage card.

3. Tap each photo that you want to select for printing. To select all photos, tap **Menu > Select All**.

   To clear a selected picture, tap that picture again.

4. After you have finished selecting photos, tap **Next**.

5. Tap to select the name of the Bluetooth printer.

6. Select the print layout to use, and then tap **Print**.

10.6 Connecting to Car Kit Phones

Bluetooth car kit phones that support the SIM Access Profile (SAP) can connect to your phone and access your SIM card via Bluetooth. Once a SAP connection has been established, you can download phone and SIM contacts from your phone to the car kit phone, and use the car kit phone to answer and make calls.

1. Turn Bluetooth on and set your phone to visible mode. For instructions, see "Turning Bluetooth on and making your phone visible" earlier in this chapter.

2. On the Home screen, slide to the Settings tab, and then tap **Menu > All Settings > Bluetooth**.

3. On the Settings tab (🔧), tap **Advanced**.

4. Scroll down and tap **SIM Access**.

5. Select the **Enable SIM Access Profile (SAP)** check box, and then tap **Done**.

6. Connect the car kit phone to your phone via Bluetooth. For instructions, refer to your car kit phone's manual.

7. If this is the first time you are pairing the car kit phone with your phone, enter the car kit phone's passcode on your phone.

8. A pop-up message should appear on your phone saying that a connection has been established between your phone and car kit phone. Tap **OK**.

> You are not able to make and receive calls, send and receive messages, or perform related activities on your phone when the SIM Access Profile connection is active. You'll be able to make or receive calls from the car kit phone during this time. After the connection is disconnected, you will be able to use your phone as before.

Chapter 11

Finding and Recording Places

11.1 Guidelines and Preparation for Using GPS

To ensure safety on the road, follow these guidelines before and when using your phone for GPS navigation.

- When using GPS navigation software in the car, always plot your GPS route before starting to drive. Do not try to configure the GPS navigation software while driving.

- The plotted GPS route is only for driving reference. It should not interfere with actual driving behavior.

- When using the phone inside a vehicle, use the car holder to mount the phone securely in place. Avoid placing the phone in the areas shown in the following diagram:

    1. Do not place where it will block the driver's vision.

    2. Do not place where air bags could deploy.

    3. Do not place anywhere in the vehicle without securing the phone in the holder.
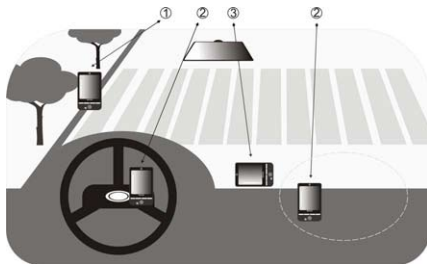
- Use the GPS system cautiously. Users shall be liable for any damages resulting from negligent operation of the system.

- Do not leave your phone in a vehicle or expose the phone to direct sunlight to avoid overheating the battery, which could pose damage to the phone or risk to the vehicle.

- The GPS signal cannot pass through solid non-transparent objects. Signal reception may be affected by obstructions such as high-rise buildings, tunnels, bridges, forests, weather (rainy or cloudy days), etc. If the vehicle's visor contains metal, it will be difficult for the GPS signal to pass through.

- Other nearby wireless communication products (such as mobile phones or radar-detecting devices) may interfere with the satellite signal, resulting in unstable signal reception.

- The Global Positioning System (GPS) is built and operated by the US Defense Department. The Department is responsible for the accuracy and maintenance of the system. Any changes that the Department makes may affect the accuracy and function of the GPS system.

11.2 Downloading Satellite Positions

Before using your phone for GPS navigation, open the Download satellites screen in your phone's location settings to download current satellite position and timing information. Downloading this satellite position data significantly speeds up the time for determining your GPS location. Your phone downloads the position data from Web servers instead of from satellites using its Wi-FI, ActiveSync or GPRS/3G Internet connection.

1. On the Home screen, slide to the Settings tab and then tap **Location > Download satellites**.

2. Tap **Download**.

On the Download satellites screen, initially, you will see the **Valid time** of the downloaded data. As time passes, the remaining days and hours of validity will be shown.

To speed up GPS positioning, download the latest satellite positions when the validity of the data expires.

Changing the download options

To configure download options, choose from the following options on the Download satellites screen:

- **Download satellites automatically**
  Automatically download satellite positions.

  This may incur additional data charges.

- **Download satellites when roaming**
  Automatically download satellite positions when you are out of range of your home network.

  This may incur additional data charges.

- **Download satellites when connected to PC via ActiveSync**
  Automatically download satellite positions when your phone is connected to your computer via ActiveSync. Your computer must be connected to the Internet to download the data.

11.3 HTC Footprints

Capture and relive your journeys with HTC Footprints™. Using Footprints, you can take photos of the places you visited and store their GPS location and other details to your phone. From the Home screen's Footprints tab, you can then easily flip through the photos and find your favorite places again.

You can also access Google™ Maps from Footprints to view a photographed place on the map and even navigate to that location using your phone's GPS navigation software.

What is a footprint?
A footprint stores a photo of the location you visited along with the GPS position. You can also add to the footprint more details about the location, such as the phone number, street address, your voice recording, and more.

There are two ways to create a footprint. You can either take a photo of your current location, or select a photo from Albums and save it as a footprint.

Taking a photo of your location as a footprint
You can use Footprints or the Camera program to take a photo of your location. Ideally, use Footprints so that your GPS position can be determined before the photo is captured.

1. On the Home screen, slide to the Footprints tab.
2. Tap the New icon ( ) on the upper right side of the screen.
3. Footprints then displays a live camera screen. Point the camera at the place of interest and wait for the GPS position to be determined.

4. When the GPS position is displayed on the screen, you can now take a photo of your place of interest.

> Before taking a photo, you can:
> - Change brightness and white balance settings. Tap **Menu > Brightness** or **White Balance**, and choose a setting.
> - Set Footprints to separately save a large, high-resolution photo. Tap **Menu > Settings** and select the **Save a large photo in Albums during capture** check box.

5. Tap the **Virtual Camera** button ( ) to take the photo.

6. Footprints then displays the captured photo, with several buttons at the bottom of the screen that allow you to do the following:

1	Retake the photo (if the photo is not clear enough).
2	Retry GPS positioning (if positioning is unsuccessful and the GPS location is not shown).
3	Find the location on Google Maps.
4	Add your voice recording.
5	Edit the footprint to a more information such as your personal notes.

7. Tap **Done**.

The footprint is automatically named with the location name, city, or country where the photo was taken. If the location, city or country

cannot be determined, a default name is given. Your footprints are numbered incrementally as you create more footprints.

Footprints uses a database of cell towers and Wi-Fi hotspots to estimate your position when naming the footprint and when determining your location on Google Maps. This database is continually being improved. If your nearest cell tower or Wi-Fi hotspot is new to the database, estimation of your position may be inaccurate. If the footprint name does not reflect your actual location, you can change and enter your own footprint name. See "Editing a footprint" for details.

Selecting and saving a photo from Albums as a footprint

When you select a location's photo from Albums that is already geotagged with the GPS position, this information will be added to the new footprint.

1. On the Home screen, slide to the Photos & Videos tab and then tap **Albums**.

2. Tap the photo of the location that you want.

3. While viewing the photo in full screen, tap the screen to display onscreen controls.

4. Tap **Menu** (📋) > **Set as Footprints**.

5. Drag and move the photo to center a small part of the photo on the crop box.

6. Tap **Done** to crop the selected part of the photo and save it as a new footprint.

7. The Edit screen then opens and lets you add location information to the footprint. See "Editing a footprint" for details.

Editing a footprint

After creating a footprint, you can edit it to include more information such as a phone number, street address, website address, your voice recording, and personal notes.

1. After taking a photo in Footprints, tap the **Edit** button (📝) to open the footprint on the Edit screen.

   If you selected and saved a photo from Albums as a footprint, the Edit screen automatically opens the footprint.

   💡 On the Home screen's Footprints tab, you can also tap a footprint and then tap **Menu > Edit** to open it.

2. To change the footprint name, enter the new name on the uppermost text box.

   💡 Tap the photo below the footprint name if you want to retake or select another photo.

3. By default, footprints are all classified as Favorites. To change the category for your footprint, tap the **Favorites** box and select another category such as Shopping, Dining, Leisure, or Others.

4. Tap the boxes to the right of the 🏠, 📞 and 🌐 icons to enter the street address, phone number, and website address respectively.

   💬 If there is no GPS data shown or stored on the footprint, you can retry GPS positioning and add the GPS data to the footprint by tapping ◈. You can also enter GPS information manually.

5. Use the recording controls to make a voice recording, replay, or delete the voice recording.

6. To add your personal notes, enter your text in the text box at the bottom of the Edit screen.

7. To save your changes, tap **Done**.

Browsing your footprints to find a place you visited

On the Home screen, slide to the Footprints tab and swipe your finger up or down the screen to flip through the photos of the places that you visited. If a footprint contains a voice recording, tap the Play button to listen to the recording.

You can also browse footprints by category. Tap **Footprints** at the bottom of the screen, and then on the subsequent screen, slide left or right across the tabs at the bottom of the screen to browse by category.

After finding the footprint of the place that you want, tap the footprint to view the location details. You can visit that place again easily by tapping the **Navigation** icon ( ) to get turn-by-turn directions using your phone's GPS navigation software, or tap **Menu > Show on Map** to find it on Google Maps.

You can also tap the **Phone** icon ( ) to call the displayed phone number, or tap the **Globe** icon ( ) to access the location's website and find more information.

> If you have geotagged photos taken using another camera, you can copy them to your phone and use the PhotoNav feature of the CoPilot GPS navigation software on your phone to navigate to your geotagged photos. Make sure to copy your geotagged photos to the following folder on your phone or storage card:
> Phone: \My Device\My Documents\My POI
> Storage card: \My Device\Storage Card\My Documents\My POI

Exporting footprints to your storage card

Back up your footprints by exporting them to your storage card.

You can back up all your footprints or back up by category. Separate backup files for each category will be saved on your storage card. You can also export a single footprint only.

1. On the Home screen, slide to the Footprints tab.
2. Tap **Footprints** at the bottom of the screen.
3. You need to be on the appropriate screen to choose what you want to back up.
   - To back up all footprints, you need to be on the **All footprints** tab.
   - To back up a category of footprints, slide to the tab of the category that you want (for example, Dining).
   - To back up just one footprint, tap the desired footprint first.
4. Tap **Menu > Export**.

Importing footprints from your storage card

You can import footprints from a backup file on your storage card back to your phone. You can also share your backup file to other people who have HTC Footprints on their phone so they can use your footprints.

1. On the Home screen, slide to the Footprints tab.
2. Tap **Footprints** at the bottom of the screen.
3. On the All Footprints tab, tap **Menu > Import**.

   If footprints on your phone are the same as the ones on the backup file, you can choose whether to keep or overwrite the footprints on your phone.

11.4 Google Maps (Available by Country)

Google Maps tracks your current location through your phone's Wi-Fi connection, data connection, or GPS. With Google Maps, you can search for places of interest or a street address and get detailed directions to reach your selected destination. You can also easily locate addresses of your contacts if they are stored on your phone.

To open Google Maps, press START and then tap Google Maps.

Zoom in

Zoom out

Search for places

View your current location on the map.

Get directions, join Google Latitude, use GPS, and more.
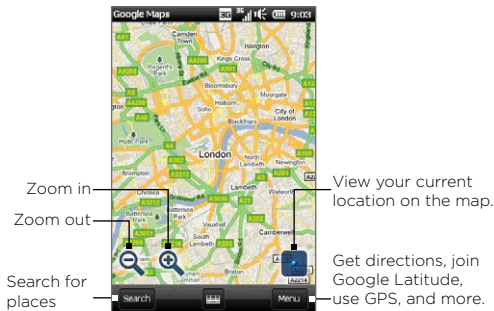
You need an active data or Wi-Fi connection to use Google Maps

Searching a place of interest
Google Maps lets you search and locate a place of interest, shows the information for that place, and gives directions on how to get there from your current location.

1. On the Google Maps screen, tap Search.
2. Enter the name, address, or postal code of the place on the search field and then tap OK.

3. Tap **See list** to view a list of search results. In the list, tap the place to view its address, phone number, and other details.

4. On the **Address** tab, tap:

   • The **[phone number]** to call the place of interest.

   • **Get directions** to get directions to the place of interest from your current location.

   • **Street view** (available by country) to display a street view of the place of interest, when available.

   • **Add star** to mark the place of interest as a favorite and add it to your Starred Items list. To access your favorite places, on the Google Maps screen, tap **Menu > Starred Items**.

   • **Save as contact** to save the contact information of the place of interest to your contacts list.

   • **Send as text message** to send the place's information to someone via SMS.

5. Tap **See map** to view the place of interest on the map.

For more information about Google Maps and its many features, go to: http://www.google.com/gmm/index.html.

Using Street View

Street View lets you view interactive street-level images of locations in Google Maps.

- Street View is only available in certain regions.
- The images shown in Street View are not in real-time.

To view a location in Street View

1. On the Google Maps screen, press and hold the location you want to view in Street View. A box with information about the location will appear. If Street View is available, a small photo of the location will appear alongside the information.
2. Tap the information box, and then tap **Street view**.

You can also access Street View when searching for a place of interest. For more information, see "Searching a place of interest" in this chapter.

To navigate a location in Street View

When viewing a location in Street View, a small portion of the map appears in the bottom right corner of the screen. The person icon on the map indicates the location of the current Street View image. The green arrow underneath the person icon points in the direction shown in the image.

Slide your finger left or right on the screen to pan around the Street View image. Tap the arrow at the bottom of the screen to move forward along the current street.

Using Layers

Layers lets you overlay location-specific information on Google Maps. You can add multiple layers at a time to create a customized map containing the specific information you want to view.

To add a layer

1. On the Google Maps screen, tap **Menu** and then tap **Layers**.
2. Tap a layer to add it to the map or tap **Browse layers,** and then select the layer you want from the list. You can choose from the following layers:

Layer	Description
Traffic	Shows real-time traffic data for selected cities.
Satellite	Shows aerial satellite imagery of the current map.
Latitude	Shows your friends' locations on the map and lets you share your location with them. To see a list of your friends using Latitude, tap **See list**. To invite friends to share location information, tap **Add friends**. To view a specific friend's location on the map, tap your friend in the list, and then tap **See map**.
My Maps	Shows your custom My Maps created using Google Maps on your computer. To learn more about My Maps, go to: http://maps.google.com/help/maps/mymaps/create.html.
Wikipedia	Shows locations on the map that have associated Wikipedia articles. Tap the Wikipedia icon marking a location to view an excerpt of its Wikipedia article. The excerpt also contains a link to the full article.

Layer	Description
Transit Lines	Shows public transportation lines for selected cities.
Favorite Places	Shows favorite places of local experts from cities around the world. Tap a favorite place on the map to view a description of the location written by the local expert. Tap View full description to view more information about the location.

- You must be logged in to your Google Account to view the My Maps and Latitude layers. To sign in, on the Google Maps screen tap Menu and then tap Sign In.

- You must join Latitude before you can view the Latitude layer. To join Latitude, on the Google Maps screen tap Menu and then tap Join Latitude.

- The Latitude, traffic, and transit lines features are available only in certain regions.

- The images shown in the Satellite layer are not in real-time.

To remove a layer

1. On the Google Maps screen, tap Menu and then tap Layers.

2. Layers that are currently on are indicated by green check marks. Tap the layer name or check mark to remove the layer from the map.

Chapter 12

Camera and Multimedia

12.1 Taking Photos and Videos

Use **Camera** to take photos and record video clips. The screen orientation automatically switches to landscape mode when you open Camera.

On the Home screen, slide to the Photos & Videos tab and then tap the:

- **Camera** icon (📷) to open the Camera screen in Photo mode and start taking photos.
- **Camcorder** icon (📹) to open the Camera screen directly to video mode.

Changing the capture mode

By default, the capture mode is set to either photo or video mode, depending on what you selected when you opened Camera. Aside from these, Camera provides other capture modes for different needs.

1. To change to another capture mode, tap 🔲 to display the onscreen controls, and then tap the middle icon at the bottom of the Camera screen.
2. In the Capture Mode menu, tap the capture mode you want to use.

Capture mode	Function
Photo	Captures standard still images.
Video	Records video clips, with or without audio.
Panorama	Captures still images continuously in one direction, and then stitches them to create a panoramic view of a scenery.
MMS Video	Records video clips suitable for sending via MMS.
Contacts Picture	Captures a still image that you can assign as a contact picture.

Zooming

Before capturing a photo or a video clip, you can zoom in or out on your subject using the onscreen zoom buttons.

To zoom in or out, tap 🔲, and then tap ➕ or ➖ located above and below the zoom bar at the left side of the Camera screen. The zoom bar shows the current zoom level.

The camera zoom range for a photo or a video clip depends on the capture mode and resolution.
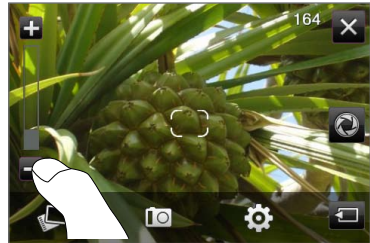
Capture mode	Resolution		Zoom range
Photo	5M	Normal: 2592 x 1944 Widescreen: 2592 x 1728	1.0x to 1.6x
	3M	Normal: 2048 x 1536 Widescreen: 2048 x 1360	1.0x to 1.6x
	2M	Normal: 1600 x 1200 Widescreen: 1600 x 1056	1.0x to 1.6x
	1M	Normal: 1280 x 960 Widescreen: 1280 x 848	1.0x to 1.6x
	L	Normal: 640 x 480 Widescreen: 640 x 416	1.0x to 1.6x
Video	VGA	640 x 480	1.0x to 1.6x
	CIF	352 x 288	1.0x to 1.6x
	L	320 x 240	1.0x to 1.6x
MMS Video	M	176 x 144	1.0x to 1.6x
Panorama	L	640 x 480	1.0x to 1.6x
	M	320 x 240	1.0x to 1.6x
Contacts Picture		272 x 272	1.0x to 1.6x

Capturing photos and videos

The camera features two types of focus modes: Auto Focus and Touch Focus. When using either type of focus mode, the camera is capable of automatically focusing when you move and point it in another direction. While the camera is focusing, the screen displays an animated bracket that changes to a steady, rectangular bracket ( ) when the focus is set.

Use the **Virtual Camera** button ( ) as the shutter release when capturing photos or videos. After the camera focuses, press the **Virtual Camera** button shortly to capture the photo or video. You can

also press and hold the **Virtual Camera** button to refocus and then capture the photo or video.

To capture a photo or video using Auto Focus

Auto Focus sets the focus on the subject at the center of the screen. Auto Focus is available for all capture modes.

- Press and hold the **Virtual Camera** button to set the focus and take a photo.
- Press and hold the **Virtual Camera** button to set the focus and start capturing a video. Press the button again to stop capturing.

To take a photo using Touch Focus

Touch Focus allows you to focus on a particular area of the screen by touching it. Touch Focus is enabled by default and is available in the Photo and Contacts Picture capture modes.

1. Set the capture mode to **Photo** or **Contacts Picture** mode.

2. Tap the area on the screen where you want to focus. The focus indicator positions itself on the selected area.

   > If you tap outside the effective focus area, a white box appears to indicate the area where you can use Touch Focus.

3. Press and hold the **Virtual Camera** button to set the focus and take a photo. You can also directly press and hold the area you selected (that is, the area enclosed within the focus indicator) to focus on that area and take a photo.

To capture photos in Panorama mode

Press and hold the **Virtual Camera** button to set the focus and capture the first photo. Press and hold the button again to focus and capture each subsequent photo and complete the panorama.

To select what to do with the captured photo or video

After capturing, the Review screen appears, showing the photo or the starting frame of the video that you have just captured.

You can tap the icons on the right side of the Review screen to delete the photo or video clip, view it in Albums, send it by MMS or email, and more.

Onscreen controls

Tap ▣ to display and use the following onscreen controls of the Camera:

Onscreen control		Function
🖼	Albums	Open the Albums program. See "Viewing Photos and Videos Using Albums" for details
🔲	Capture mode	See "Changing the capture mode" for details.
⚙	Menu	Open the Menu Panel. See "Basic settings" for details.
⦿	Virtual Camera button	Functions as the shutter release button. See "Capturing photos and videos" for details.
1/3	Progress indicator	In **Panorama** mode, this shows the number of consecutive shots.
⬚	Focus indicator	The screen displays an animated bracket when focusing that changes to a steady, rectangular bracket when the focus is set.
➕ / ➖	Zoom buttons	Tap to zoom in or out when capturing a photo or video. See "Zooming" for details.

Basic settings

The Menu panel lets you quickly adjust common camera settings and provides access to more advanced camera settings. To open the Menu panel, tap 🔲, and then tap 🔯. To adjust a setting, keep tapping a button, for instance, White Balance, to cycle through the available settings.

 The available menu panel buttons depend on the selected capture mode.

Setting	Function
White Balance	Select the white balance setting according to the current lighting condition to capture colors more accurately.
Brightness	Open the Brightness bar and adjust the brightness level. Tap outside the Brightness bar to apply the change.
ISO	Set the ISO level manually to 100, 200, 400, or 800, or set it back to AUTO. Higher ISO numbers are better for taking pictures in low light conditions. The camera automatically adjusts the ISO level up to 400 only.
Storage	Choose between saving your captured photos and videos on the phone's storage or the inserted storage card.
Self-timer	Set the self-timer to 2 seconds, 10 seconds, or Off when in Photo or Contacts Picture mode.
Advanced	Open the Advanced screen to adjust advanced camera settings. See "Advanced settings" for details.

Advanced settings

To open the Advanced screen so you can set more options for your selected capture mode and set other preferences, tap ![icon] on the live Camera screen and then tap **Advanced**.

On the Advanced screen, you can change the following settings:

- **Resolution** (Photo, Video and Panorama modes). Select the resolution to use.

- **Widescreen** (Photo mode). When set to **On** (default), you can use the entire screen to frame your subject. When **Off**, a side bar appears on the right side of the Camera screen that holds the Virtual Camera and onscreen control buttons.

- **Touch Focus** (Photo and Contacts Picture modes). Enables or disables the Touch Focus function. Touch Focus is **On** by default. For more information about Touch Focus, see "Capturing photos and videos".

- **Review Duration**. Set the time for a captured photo/video to remain on the Review screen.

- **Quality**. Select the image quality level for captured photos.

- **Capture Format** (Video and MMS Video modes). Select the file format for recorded videos.

- **Time Stamp** (Photo mode). Include the date and time on captured photos.

- **Keep Backlight**. Turn the backlight on or off. This overrides your phone's backlight settings while you are using the camera.

- **Shutter Sound**. Play a shutter sound when you press the **Virtual Camera** button.

- **Image Properties**. Adjust the **Contrast**, **Saturation**, and **Sharpness** before capturing.

- **Effect**. Apply a special effect to your photos or videos.

- **Metering Mode**. Choose how the camera measures the amount of light in images to calculate exposure values. When Touch Focus is enabled, the **Spot** metering mode is set automatically and the camera measures light around the focus point. When Touch Focus is disabled, you can select **Center Area** to measure light in the center of the image or **Average** to measure light in the whole image.

- **Prefix**. The file name of a newly captured photo or video is set to "IMAG" or "VIDEO" followed by a sequential number, for example: IMAG0001.jpg. You can also choose the current **Date** or **Date & Time** as the file name prefix.

  > You cannot change the file name prefix when saving captured photos to a storage card. Captured photos are named using the convention IMAGnnnn.jpg (where 'nnnn' is the counter), and are saved to the \DCIM\100MEDIA folder on the storage card.

- **Counter**. Reset the file numbering back to 1.

- **Flicker Adjustment**. When taking indoor shots under fluorescent lighting, keep this setting on **Auto** or change it to the proper frequency (**50Hz** or **60Hz**) of the power in your country to reduce flicker.

- **Grid** (Photo mode). Show a grid on the screen so you can easily frame and center your subjects.

- **Record with Audio** (Video and MMS Video modes). Select **On** to record videos with audio, or **Off** to record videos without audio.

- **Recording Limit** (Video mode). Set the maximum duration or file size for recording video.

- **Show Reminder** (Contacts Picture mode). Select **On** if you want the Camera to prompt you to assign the captured picture to a contact.

- **Direction** (Panorama mode). Choose the direction in which to stitch the photos in a panorama.
- **Stitch Count** (Panorama mode). Select the number of shots to take and stitch into a panorama.

Closing the Camera

When you are done using the Camera, tap ▣, and then tap ✕ to close the Camera screen.

12.2 Viewing Photos and Videos Using Albums

Use Albums to view photos and videos on your phone. You can also view photos that you and your friends have shared on Facebook.

On the Home screen, slide to the Photos & Videos tab and then tap **Albums**. You can also tap ▣ from the Camera screen to open Albums.

On the Albums main screen, swipe your finger up or down to scroll and browse through photos and videos that are stored on your phone and storage card. Tap a photo or video to view it in full screen.
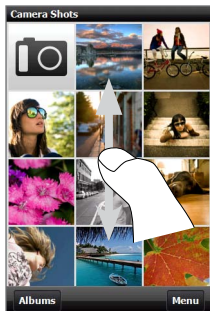
You can view Albums in portrait or landscape orientation. Turn your phone sideways to the left to switch the screen to landscape orientation.

Viewing photos

While viewing a photo, tap the screen to display and use onscreen controls.

1	Return to the previous screen.
2	Start the slideshow.
3	Send the photo using email or MMS, or upload it to Facebook.
4	Save the photo as a contact picture, save the onscreen image as a new file, and more.

When playing a slideshow, animated GIF and video files are excluded from the slideshow.

To zoom in or out on a photo

Press your thumb and index finger on the screen and then spread your fingers apart to zoom in. Pinch your fingers together to zoom out.
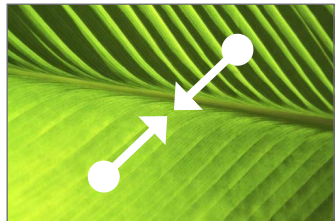
ZOOMING IN

ZOOMING OUT

You can also double-tap the area on the photo you want to zoom in on. To zoom out, double-tap the screen again.

After zooming in on a photo, press and hold the screen and then drag your finger to pan to other areas of the photo.

To save the zoomed in part of the photo as a new file, tap the screen, tap ▤ and then select Save Screen Image.

To view the next or previous photo in the current album
While holding your phone upright, view the next or previous photo by swiping your finger up or down the screen.

While holding your phone sideways, view the next or previous photo by swiping your finger left or right across the screen.

To set a favorite album
The Photos & Videos tab on the Home screen displays photos and video files from the current favorite album. By default, the Camera Shots album which stores the photos and videos you captured using the Camera is set as the favorite album. You can change to another favorite album, if preferred.

1. On the Albums main screen, tap Albums.
2. On the Albums tab (▣), tap the album you want to set as your favorite.
3. Tap Menu > Set Album as Favorite, and then tap OK.

Viewing Facebook photos

You can use Albums to view photos you and your friends have shared on Facebook. You must be logged in to your Facebook account to be able to view Facebook photos.

1. On the Albums main screen, tap Albums.
2. Tap or slide to the Facebook tab (f).

   If you have not logged in to Facebook, the subsequent screen lets you log in to your Facebook account.

3. Tap the person whose photos you want to view, and then tap an album.
4. Tap a photo to display it in full screen.

While viewing a photo, tap the screen to display and use the onscreen controls.

Onscreen control	Function
◀	Return to the previous screen.
☒	Send the photo using email or MMS.
↻	Reload the current photo.

Playing videos

While watching a video, tap the screen to display and use playback controls. Tap the playback control icons to pause, resume, stop playback, jump to the start of the video, or switch the display mode. You can also drag your finger across the progress bar to go forward or backward in the video.

When you've finished or stopped playing the video, you can replay the video by tapping the Play icon on the center screen.

You can also send this video by email or MMS or share it on YouTube. Tap the screen, tap the Share icon (🔀), and then choose how you want to share the video.

Sharing photos and videos

Using Albums, you can send photos and videos via email and MMS, upload photos to Facebook, and upload videos to YouTube. You must be logged in to Facebook and YouTube to upload photos and videos to those sites.

1. Open the album containing the photos or videos you want to share.

2. Tap Menu > Share, and then choose one of the following:

   • Mail. Tap one or more photos or videos you want to add as email attachments and then tap Send. If you have more than one email account, select the account to use. Compose your message and then tap Send. For more information about sending email, see Chapter 7.

   • Messages. Tap a photo or video to add it to a new multimedia message. Compose your message and then tap Send. For more information about sending multimedia messages, see Chapter 7.

   • Facebook. Tap one or more photos you want to share and then tap Upload.

   • YouTube. Tap one or more videos you want to share and then tap Next. Enter a Title and Tags for your videos, select a privacy setting, and then tap Upload.

12.3 Using Windows Media Player Mobile

Windows Media Player Mobile plays digital audio and video files that are stored on your phone or on the Web.

To open Windows Media Player Mobile, press START and then tap **Multimedia > Windows Media**. Windows Media Player Mobile opens with the Library screen. Use the Library screen to find and play songs, videos, and playlists that are stored on your phone or on the storage card.

Playing media

To update the Library

In most cases, Windows Media Player Mobile automatically updates the library. However, you can manually update the library to ensure that it contains new files that you recently copied to your phone or to the storage card. Tap **Menu > Update Library** to manually update the library list.

To play audio and video files

1. On the Library screen, tap the Library arrow (near the top of the screen), and then tap the media storage that you want to use, for example, **Storage Card**.

2. Select a category (for example, My Music or My Playlists).

3. Press and hold the item that you want to play (such as a song, album, or artist name), and then tap **Play**.

   The Playback screen opens and plays the audio or video file. Use the playback controls to pause, resume, stop playback, play in full screen, and more.

Synchronizing video and audio files

Use the latest version of Windows Media Player on your computer to sync digital media files from your computer to your phone. This ensures that protected files and album art (for skins) are correctly copied to your phone.

To automatically sync content to your phone

1. On your computer, open Windows Media Player, and then connect your phone to your computer.

2. In the Device Setup Wizard, select Yes, search my computer now.

   > If you have previously opened Windows Media Player and searched for media on your computer, you are not prompted to search your computer in step 2.

3. On the Device Setup dialog box, enter a name for your phone and click Finish.

   > If you installed a storage card that has a capacity of more than 4GB and your entire library can fit into the storage card, Windows Media Player will automatically sync your music files. Your phone also needs to be set to Disk Drive mode for Windows Media Player to automatically sync.

4. On the left panel of Windows Media Player, right-click the name of your phone and click Set Up Sync.

   > To set up media synchronization on a storage card, right-click Storage Card in the left panel of Windows Media Player, and then click Set Up Sync.

5. Select the playlist(s) that you want to sync between your computer and phone, and then click Add.

   > On the Device Setup dialog box, make sure that the Sync this device automatically check box is selected.

6. Click Finish.

The files begin synchronizing to your phone. The next time you connect your phone to your computer while Windows Media Player is running, synchronization will start automatically.

To manually sync content to your phone

1. If you have not set up media synchronization between your phone and computer, follow steps 1 to 3 in "To automatically sync content to your phone".

2. Click the **Sync** tab on the Windows Media Player of your computer. Select a Playlist or a Library on the left panel of the Windows Media Player.

3. From the Content List, drag the media files that you want to sync to your phone and drop them to the Sync List.

Playlists and Library List   Content List   Sync List
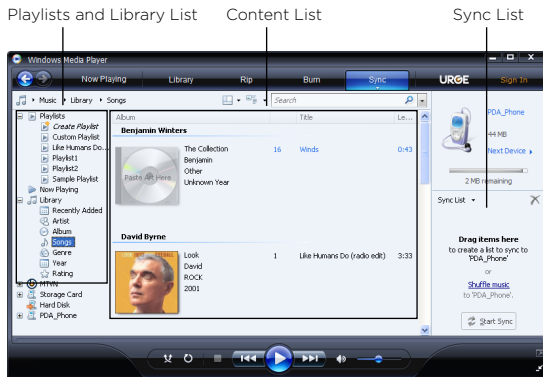
4. Click **Start Sync** to start synchronizing the selected files to your phone.

- Use Windows Media Player 11 or higher on your computer to sync media files to your phone.
- Audio files copy faster if Windows Media Player is configured to automatically set the quality level for audio files copied to your phone. For more information, see the Windows Media Player Help.

Creating playlists

Create a new playlist by saving the current Now Playing playlist and giving it a new name.

To save a new playlist

1. If you are not on the Library screen, tap **Menu > Library**.
2. Tap to select a category (for example, My Music or My Playlists).
3. Select a media file that you want, then tap **Menu > Queue Up**. This adds the file to the Now Playing list. Repeat this step until you have added all desired media files to the Now Playing list.

   You cannot select multiple files simultaneously.

4. After adding the media files, tap **Menu > Now Playing**.
5. On the Now Playing screen, tap **Menu > Save Playlist**.
6. Enter the playlist name, then tap **Done**.
7. To play back the playlist you created, tap My Playlists in the Library, select your playlist, then tap **Play**.

Troubleshooting

For troubleshooting information, visit http://www.microsoft.com/ windowsmobile/en-us/help/more/windows-media-player.mspx.

12.4 Using Audio Booster

Audio Booster optimizes sound by providing an audio equalizer for a better listening experience. To use Audio Booster, connect the supplied wired headset to your phone.

To open Audio Booster
Press START and then tap Multimedia > Audio Booster, or from the Home screen, slide to the Music tab and then tap Menu > Audio Booster.

1	Choose the equalizer preset to use.
2	Apply the modified settings.
3	Drag the sliders to adjust the frequency.
4	Enable or disable the equalizer.
5	Exit Audio Booster without applying the modified settings, or save or delete preset equalizer settings.

To create a custom equalizer preset
1. Adjust the frequency bands to your desired values by dragging the equalizer controls.

2. When finished, tap Menu > Save as Preset.

3. Enter a preset name and then tap Done. The equalizer preset is added to the preset list box.

To delete a custom equalizer preset, select it on the preset list box and then tap Menu > Delete Preset. You cannot delete pre-installed equalizer presets.

12.5 Using FM Radio

FM Radio lets you to listen to FM radio stations on your phone. Since FM Radio uses the provided stereo wired headset as the antenna, connect the headset first to the earphone jack of your phone before you open the program.

To open FM Radio, press START and then tap **Multimedia > FM Radio**.

The first time you open FM Radio, it automatically scans for available FM stations, saves them as presets, and plays the first FM station found. For information about saving favorite stations as presets, see "Saving presets."

1	Search the FM band for the next lower or higher FM station.
2	Fine tune the radio frequency by -0.1 MHz.
3	Select headset or speaker audio output.
4	Select mono or stereo audio.
5	Preset FM stations. Tap a station to tune in.
6	Set FM Radio options, such as Scan and Save, mute the audio, and select the audio output.
7	Turn the sound on or off.
8	Fine tune the radio frequency by +0.1 MHz.
9	Station preset number (if you saved the station as preset)
10	Turn off FM radio.

Press the VOLUME UP and VOLUME DOWN buttons on the side of the phone to adjust the volume.

Saving presets

Save favorite FM stations as presets so you can easily access them. You can save up to 20 preset radio stations. Radio stations that are saved on Presets 1 to 6 can be accessed on the FM Radio screen.

To save FM stations as presets

1. Tune in to the desired FM frequency, and then tap Presets.
2. On the Presets list, tap ✓ that appears on the desired preset number where you want to save the FM station.

> Tap ✗ to remove a favorite FM station from the list.

3. When finished, tap Done.

To listen to a preset FM station

On the FM Radio screen, tap the station preset button. If the station preset button is not on the screen, tap Presets, scroll through the list of preset stations, and then tap the station you want to listen to.

Minimizing or turning off FM Radio

When you leave the FM Radio screen, FM Radio continues to run in the background and allows you to continue listening to the radio while you use other programs. To turn off FM radio, tap ⏻ on the upper right corner of the FM Radio screen.

12.6 Using MP3 Trimmer

Use **MP3 Trimmer** to trim an MP3 file and save it as a new file or set it as a ringtone.

1	Playback time
2	Title
3	Duration of original MP3 file
4	Start point
5	Play/Stop
6	Duration of trimmed MP3 file
7	End point
8	Start point and end point sliders
9	Backward or foreward controls

To trim an MP3 file

1. Press START and then tap **Multimedia > MP3 Trimmer**.

2. Tap **Open** to locate and select the MP3 file you want to trim.

3. On the progress bar, drag the **start point slider** right to the desired start time and the **end point slider** left to the desired end time. You can also tap the slider you want to adjust to select it, and then tap the backward or foreward **controls** at the bottom of the screen to precisely adjust the start and end times.

    > After you set the start point, the MP3 file plays from the start point. After you set the end point, the MP3 file plays from 3 seconds before the end point.

4. Tap **Play** to play the trimmed file.

5. Tap **Menu** and select whether to set the file as the default ringtone, save the file to the ringtone folder, or save it as another file name.

Chapter 13

Other Programs

13.1 Calculator

Calculator features basic calculation functions, and also works as an advanced scientific calculator.

Basic Calculator

Use the Basic Calculator to do basic arithmetic such as addition, subtraction, multiplication, and division. You can also work with numbers you store in the calculator memory.

1. Press START and then tap **Tools > Calculator**.
2. Operate the calculator the same as you would a handheld calculator by tapping the onscreen keys to enter numbers, clear the entered number, and perform calculations.
3. You can also tap the respective buttons on the left side of the screen to add values to the calculator memory, display the stored number from the calculator memory, or clear the calculator memory.

- A maximum of 9 digits can be entered for each number.
- Tap **Copy** at the lower-left side of the screen to copy the displayed value so that you can paste it to another program that has a paste function, such as Notes.
- The Basic Calculator can only be used when the screen display is in portrait mode.

Scientific Calculator

Use the Scientific Calculator to perform more complex calculations such as square roots, logarithmic and trigonometric functions, percentages.

1. Press START and then tap Tools > Calculator.

2. Turn your phone sideways to the left to display the Scientific Calculator.

3. Tap the Rad/Deg button to toggle between degrees or radian measurement.

4. Tap the FN button to display the second layer of scientific calculation buttons.

5. When you tap one of these function buttons after entering a number, the corresponding operand or operator is displayed. You can continue to enter numbers, operands and operators to build the formula expression.

6. Tap the = button to compute and display the calculation result.

13.2 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 phone.
- **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. Press START and then tap **Office Mobile**.
2. Tap the Office Mobile application that you want to use.

Word Mobile and Excel Mobile do not fully support some features of Microsoft Office Word and Microsoft Office Excel. To find out which features are not supported, press START, tap **Help** and then search for "unsupported" in the Help.

- 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. Download the File Format Converter at http://www.microsoft.com/downloads/.

  - If you want Word Mobile to save documents in **.doc** format, tap **Menu > Tools > Options** (or **Menu > Options** when no document is opened), and 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), and then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

13.3 WorldCard Mobile

WorldCard Mobile lets you take a photo of a business card and easily export the contact information on the card into your Contacts.

To capture a business card and export its information to Contacts

1. Press START and then tap **Tools > WorldCard Mobile**.

2. Tap ![icon] on the WorldCard Mobile screen to open the Camera program.

3. Tap the Virtual Camera button (![icon]) to take a photo of the business card, then tap the Back button (![icon]) on the Review screen. Refer to Chapter 12 for details on how to use the camera.

   > Make sure that the business card is displayed completely on the Camera screen before you take the photo, and that lighting is adequate.

4. On the WorldCard Mobile screen, tap **Recognize**.

   > • If you want to retake the shot, tap **Re-Capture**.
   > • For better recognition, choose the language and region based on the language used in the business card.

5. The screen shows various contact information from the business card. Edit the contact information, if needed. Clear the check boxes of items that you do not want to be exported.

6. Tap **Export**, then go to your Contacts list to view the exported contact.

For more information about using WorldCard Mobile, tap ![icon] on the WorldCard Mobile screen to view the program help.

13.4 Voice Recorder

Quickly capture voice notes, reminders or any important moment with **Voice Recorder**. You can also send a voice recording as a multimedia message or email attachment, beam it to another device via Bluetooth, or set it as your ringtone.

> • 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.
>
> • Voice recordings are saved in the My Recordings folder on your phone. If you inserted a storage card in your phone, voice recordings are saved in the My Recordings folder on the storage card,

To create and play a voice recording

1. Press START and then tap **Tools > Voice Recorder**.

2. Hold the phone's microphone close to the sound source.

3. Tap ● to start recording. Tap ■ to end the recording.

   > You can also tap **Add recording** on the All Recordings screen to create a new voice recording.

4. Tap ▶ to play back the voice recording.

5. To control playback:

   • Use the onscreen controls to stop or pause playback.

   • Drag your finger right or left on the progress bar in the middle of the screen to move forward or backward in the voice recording.

> You can leave the Voice Recorder screen while a recording is in progress and the recording will continue in the background. The recording status and time is shown on the notifications screen. Tap the notification to return to the Voice Recorder screen.

To open and play a saved voice recording

1. On the Voice Recorder screen, tap **All Recordings**.

2. Tap a file to open it and begin playback.

To send a voice recording

1. Open the voice recording you want to send.

2. On the Voice Recorder screen, tap **Share,** and then choose a send option:

   • **Send via Bluetooth**. If prompted to turn on Bluetooth, tap **Yes**. Select a device to send the voice recording to. For more information about using Bluetooth, see Chapter 10.

   • **Send via Mail**. If prompted, select the email account you want to use to send the voice recording. The voice recording is added as an attachment to a new email. Compose your email and tap **Send**. For more information about sending email, see Chapter 7.

   • **Send via MMS**. The voice recording is added as an attachment to a new multimedia message. Compose your message and tap **Send**. For more information about sending multimedia messages, see Chapter 7.

   • **Send to Event Attendees**. Choose a calendar event with attendees you want to send the voice recording to. The voice recording is added as an attachment to a new email with the event attendees added as recipients. Compose your email and tap **Send**.

   To send a voice recording to event attendees, the attendees must be included in the meeting request for the event, and the event must be on the date of the voice recording or within the previous or next three days.

To set a recording as your ringtone

1. Open the voice recording you want to set as your ringtone.

2. Tap All Recordings, and then tap Menu > Set As Ringtone.

3. Tap OK.

13.5 SIM Manager

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

To create a contact on your SIM card

1. Press START and then tap Calls > SIM Manager.

2. Tap New and enter the contact name, phone number and email address.

3. Tap Done.

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

To copy SIM contacts to your phone

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

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.

1. On the SIM Manager screen, tap **Menu > Contacts to SIM**.
2. Select the check boxes of the contact's phone numbers that you want to copy to your SIM card, and then tap **Done**.

When you copy a contact that has several phone numbers to your SIM card, SIM Manager separately saves each number by appending 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. To edit the default indicators and to select which other types of numbers to save to the SIM card, tap **Menu > Tools > Options**.

13.6 JBlend

Use **JBlend** to download, install and manage MIDlets or MIDlet suites on your phone. 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. Your phone supports Java 2 Micro Edition (J2ME).

To open JBlend
Press START and then tap **Tools > JBlend**.

Installing and launching MIDlets/MIDlet suites

To download and install from the Internet
1. Open the Web browser on your phone.
2. Navigate to the Web page with the link for the MIDlet/MIDlet suite you want to download, and tap the link.

3. Follow the onscreen instructions to install and run the MIDlet/ MIDlet suite.

To install from your phone

You can copy MIDlets/MIDlet suites from your computer to your phone using the USB sync cable or Bluetooth connection.

1. On the JBlend screen, tap **Install > Local Install**. The program then searches for MIDlets/MIDlet suites on your phone and displays them in a list.

2. From the list, tap the MIDlet/MIDlet suite that you want to install.

3. Follow the onscreen instructions to install and run the MIDlet/ MIDlet suite.

To run a MIDlet/MIDlet suite

On the JBlend screen, open the folder that contains the MIDlet/MIDlet suite, and then tap the MIDlet/MIDlet suite.

To uninstall a MIDlet/MIDlet suite

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

1. On the JBlend screen, press and hold the MIDlet, and then tap **Delete**.

2. Tap **Yes** to confirm.

To uninstall all MIDlets and folders, tap **Menu > Application > Delete All**.

13.7 Installing and Uninstalling Programs

You can install or uninstall additional programs. Your phone does not allow you to uninstall most of the preinstalled programs.

Before you purchase additional programs, make sure that they are compatible with your phone.

Before you launch the program installer, check first whether the installer can directly run on Windows Mobile or needs to be run on a computer.

To install a program directly on your phone

1. If the installer is a .cab file, directly download or copy it to your phone.
2. On your phone, press START, tap **File Explorer** and then navigate to the installer file.
3. Tap the file to launch the installer.
4. Choose whether to install the program into the main memory or your storage card, if you have the storage card inserted on your phone.
5. Wait for the installation to complete.

You may be prompted to restart your phone after installation is completed.

To install a program from your computer

1. If the installer is an .exe file such as Setup.exe, most likely, the installer needs to be run on a computer. Download or copy it to your computer.
2. Connect your phone to your computer using the USB cable, and then double-click the installer file on your computer to launch the installer.

3. Follow the onscreen instructions on your computer and your phone to complete the installation.

To uninstall a program

1. On the Home screen, slide to the Settings tab.

2. Tap **Application > Remove programs**.

3. In the **Programs in storage memory** list, select the program you want to remove, and then tap **Remove**.

Chapter 14

Managing Your Phone

14.1 Copying and Managing Files

Copy files between your phone and computer, or copy files to a storage card installed on your phone. 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 phone 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 displays the content of your phone in Windows Explorer on your computer.

3. To copy a file from your phone to your computer:

   a. Browse the contents of your phone, right-click the file you want to copy, and then click **Copy**.

   b. Right-click a folder on your computer, and then click **Paste**.

4. To copy a file from your computer to your phone:

   a. Browse the folders on your computer, right-click the file you want to copy, and then click **Copy**.

   b. Right-click a folder on your phone, and then click **Paste**.

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

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

To copy files to a storage card

1. Make sure that the storage card is properly installed on your phone.
2. Connect the phone to your computer using the USB cable, select **Disk Drive** on the Connect to PC screen, and then tap **Done**.
3. On your computer, navigate to the removable disk drive, and then start copying files to the storage card.
4. When finished, disconnect the phone from your computer.

14.2 Settings on Your Phone

To access your phone's settings, press the HOME button to return to the Home screen and then slide to the Settings tab. The tables below describe the settings that you will find on the Settings tab.

On the Home screen's Settings tab, tap **Menu > All Settings** to access more settings.

Personalize

Setting	Description
Home tab wallpaper	Select a wallpaper for the Home tab.
Lock screen wallpaper	Select a wallpaper for the Lock screen.
Home screen tabs	Rearrange or hide Home screen tabs.
Font	Adjust the screen font size to improve readability in some applications.
Vibration	Choose whether to allow your phone to vibrate when you tap buttons on certain screens, such as tabs on the Home screen, Phone dialer's keypad, onscreen keyboard, and more.

Wireless controls

Easily manage and turn on or off connections, including the phone connection, GPRS/3G, Wi-Fi, Bluetooth, and more. (See "Using the Comm Manager" in this chapter for details.)

Sound & Display

Setting	Description
Profiles	Choose a profile to automatically set your phone with the proper volume level that suits your environment.
Volume	Set a single volume for the ringer and your phone, or separately set their volume.
Ring and Notifications	Choose a ringtone and ring type, set different notification sounds for different events such as reminders, new messages, and more. You can also turn on or off the Quiet ring on pickup and Pocket mode features.
Display	Turn on the auto brightness feature, or manually set the screen brightness. You can also change the timeout period for dimming the backlight and turning off the display (switching the phone to Sleep mode) to conserve battery power.
G-Sensor	Recalibrate the G-Sensor of the phone. Do this when screen auto rotation is not working properly.

Data services

Setting	Description
ActiveSync	Set your phone to auto sync your Outlook work email and other information as they arrive in your Exchange Server inbox (Direct Push feature), or set a sync schedule. You can also change the information types to sync and start synchronization manually.
Utilities	Set auto download settings for stocks and weather. You can also enable or disable the option for synchronizing your phone with Internet time.

Setting	Description
Social Networks	Log in or out of your social network accounts such as Facebook, Twitter, and YouTube. You can also change the data sync settings for your Facebook and Twitter accounts.
E-Mail	Set the sync schedule for the Internet email accounts that you have set up on your phone.

Location

Setting	Description
Location Service	You can enable or disable location service for HTC applications on your phone. When turned on, your current location can easily be determined and used to provide you with accurate information, such as weather in you current location. You can also choose if you want to share anonymous location data with Google.
Download satellites	Set the options for downloading GPS satellite location data. See "Downloading Satellite Location Data" in Chapter 11 for details.

Security

Setting	Description
Encryption	Encrypt files on your storage card. Encrypted files are only readable on your phone.
Certificates	See information about certificates that are installed on your phone.
Phone lock	Set a password for your phone.
Factory reset	Reset your phone to factory default settings.

Application

Setting	Description
Remove programs	Uninstall programs that you previously installed on your phone.
Managed programs	Displays the programs that were installed on your phone using System Center Mobile Device Manager.

SD card & phone storage

Check the storage space and usage information of your phone and storage card.

Date & time

Set local time settings and time format.

Locale & text

Setting	Description
Regional	Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your phone.
Text input	Set the keyboard type to use for text input, select keyboard languages, and turn on or off input features such as symbol lock, typing sound, and QWERTY keyboard text prediction. You can also delete words from the user dictionary and view a basic tutorial on entering text with the onscreen keyboard.

Updates & feedback

Setting	Description
Customer feedback	Set your phone to automatically send information about how you use Windows Mobile. By default, this option is disabled.
Error reporting	Enable or disable the phone'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 is logged in a text file and delivered to Microsoft's technical support if you choose to send it.

Other

Setting	Description
Uploader	Shows the upload progress when you are uploading photos or videos to social networks. Tap History to see what photos or videos you have previously uploaded.
USB to PC	Set the type of USB connection to your PC. Select the ActiveSync option for synchronizing data, Disk Drive mode for transferring files, or Internet Sharing to use your phone as a modem for your computer.

About phone

Setting	Description
Phone identity	Specify a name to be used for identifying the phone to other devices. You can also see basic information such as the model number, IMEI, and serial number of your phone.
Hardware information	Shows phone specifications such as processor type and speed, storage size, display resolution, and more.
Software information	Shows information such as the Windows Mobile version, ROM version, duration of calls, and more.
Battery	Check the remaining battery power. There is also an option that allows you to enable or disable charging your phone's battery when the phone is connected to your computer.
About	Shows copyright information.

14.3 Basic Settings

Choose settings for your phone that best suit your needs.

Changing sound and display settings
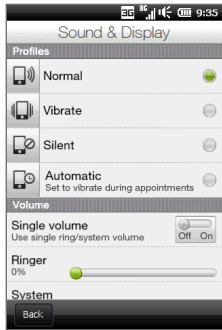
From the Sound & Display screen, you can choose sound settings for your phone, such as profile, ringtone, volume level, and different notification sounds. You can also adjust screen brightness.

To select a phone profile

A profile is a preset that determines how your phone will alert you when you have incoming calls. Each profile is preconfigured with a sound setting that suits your situation. For instance, **Silent** mutes the ringtone and is ideal for use when you're in a meeting. **Automatic** sets your phone to vibrate only when you receive phone calls during scheduled appointments in your Calendar.

On the Home screen, slide to the Settings tab, tap **Sound & Display**, and then select a profile that suits your current situation.

To change the ringtone and ring type

1. On the Home screen, slide to the Settings tab and then tap Sound & Display.

2. Scroll down to the Ring and Notifications settings.

3. Tap Ringtone. Select the ringtone you want to use and then tap Done.

4. Tap Ring type. Select the ring type you want to use and then tap Done.

- You can use sound files that you downloaded from the Internet or copied from your computer. For a complete list of supported audio file formats, see "Specifications" in the Appendix.

- To use your sound files as ringtones, copy them first to the /My Documents/My Ringtones folder on your phone, and then select the sound from the Ringtones list of your phone. For more information about copying files, see "Copying and Managing Files" in this chapter.

To set and adjust a single ring and system volume

1. On the Home screen, slide to the Settings tab and then tap Sound & Display.

2. Turn on the Single volume setting by tapping its Off/On switch.

3. Drag your finger across the Ringer or System slider to adjust the volume. As you adjust one volume slider, the other moves along with it.

   Another way is to press the VOLUME UP/DOWN button on the left panel of your phone to open the Volume screen. To increase or decrease the volume level, drag your finger up or down the volume bars, or press the VOLUME UP/DOWN button. You can also:

   - Tap Silent to mute the volume.

   - Tap Vibrate to switch the phone to Vibrate mode.

To set notification sounds
You can personalize your phone with unique notification sounds for different events such as missed calls, new text messages, new email, reminders, and more. On the Home screen, slide to the Settings tab and then tap **Sound & Display > Notification sounds** to choose a different sound for each type of event.

On the Notification Sound screen, tap the left side of the screen that shows the types of events to choose the sound to use for each event. Tapping the **Off/On** switches on the right turns on or off the notification sounds.

To adjust screen brightness
By default, your phone automatically adjusts the screen brightness according to the ambient lighting. Turn off auto brightness if you want to be able to adjust the screen brightness.

1. On the Home screen, slide to the Settings tab and then tap **Sound & Display**.
2. Scroll down to the **Display** setting and then tap **Backlight**.
3. Clear the **Automatically adjust backlight** check box.
4. Adjust the brightness by dragging the slider under **On battery power** and **On external power**.
5. Tap **Done**.

To change backlight and automatic Sleep mode settings
Dimming the backlight and switching the phone to Sleep mode help save battery power. You can change the idle time before the backlight automatically dims. You can also change the idle time before the phone goes into Sleep mode.

1. On the Home screen, slide to the Settings tab and then tap **Sound & Display**.
2. Scroll down to the **Display** setting and then tap **Backlight**.

3. Under the **On Battery Power** and **On External Power** group of settings, do the following:

- Make sure the **Dim backlight if device is not used for** option is selected. Tap the box below this option to select a backlight timeout duration.

- Make sure the **Turn off device if not used for** option is selected. Tap the box below this option to select a sleep mode timeout period.

4. Tap **Done**.

If you do not want the backlight to dim, clear the **Dim backlight if device is not used for** check boxes. To turn off automatic Sleep mode, clear the **Turn off device if not used for** check boxes.

Specifying a phone name

Specify a name to use for identifying your phone to other devices, for instance, when synchronizing with a computer, connecting to a network, or restoring information from a backup.

If you sync multiple phones with the same computer, each phone must have a unique name.

1. On the Home screen, slide to the Settings tab and then tap **About phone > Phone identity**.

2. Enter a phone name and then tap **Done**.

- The phone 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 phone to your company's domain, the phone name will be changed to be the same as the one used to enroll your phone.

Changing settings of phone services

You can change the settings of various phone services for your phone. Phone services may include call forwarding, call waiting, voicemail, and more. Contact your mobile operator to find out about the availability of phone services for your phone.

1. On the Home screen, slide to the Settings tab and then tap **Wireless controls**.

2. On the Comm Manager screen, tap **Phone**.

3. Tap the service whose settings you want to change, and then choose your desired options.

4. When finished, tap **Done**.

14.4 Using Comm Manager

Comm Manager lets you easily turn on and off the communication features such as the phone connection, Bluetooth, Wi-Fi, and data connection.

On the Home screen, slide to the Settings tab and then tap **Wireless controls** to access Comm Manager.

1	Switch Airplane mode on or off. (See "Turning the Phone Connection On and Off" in Chapter 2.)
2	Access the phone settings and change the PIN codes, configure phone services, and more.
3	Connect a Bluetooth headset or other Bluetooth-enabled device. (See Chapter 10 for details.)
4	Connect to a wireless network. (See Chapter 9 for details.)
5	Open ActiveSync to change advanced sync settings that are not available on the Data Services screen (that's opened from the Home screen's Settings tab).

6	Open Connection Setup to choose another country or mobile operator to use for your data connection. (See "Using Connection Setup" in this chapter for details.)
7	Set up your phone as a wireless router for your computer. (See "Using Your Phone as a Wireless Router" in Chapter 9 for details.)
8	Switch the phone connection on or off. (See "Turning the Phone Connection On and Off" in Chapter 2 for details.)
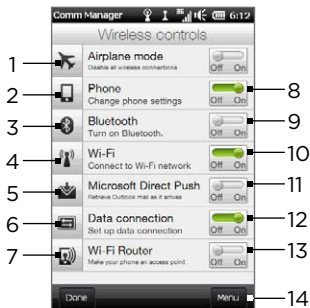
9   Switch Bluetooth on or off. (See Chapter 10 for details.)

10   Switch Wi-Fi on or off. (For more information about connecting to Wi-Fi networks, see "Wi-Fi" in Chapter 9.)

11   Switch between automatically receiving (as items arrive) or manually retrieving Outlook email messages. (See "Working With Company Email Messages" in Chapter 8 for details.)

12   Connect or disconnect the active data connection (3G/GPRS, or EDGE).

13   Turn Wi-Fi Router on or off. (See "Using Your Phone as a Wireless Router" in Chapter 9 for details.)

14   Tap **Menu** when you need to access and change the following settings:
   - **Connections** Set up one or more types of modem connection for your phone, such as phone dial-up and GPRS, so that your phone can connect to the Internet or a private local network. (See Chapter 9 for details.)
   - **Domain Enroll** Enroll your phone in your company's domain to let System Center Mobile Device Manager manage the phone. Ask your network administrator for more details.
   - **USB to PC** Set the type of USB connection to your PC. Select the **ActiveSync** option for synchronizing data, **Disk Drive** mode for transferring files, or **Internet Sharing** to use your phone as a modem for your computer.

14.5 Using Connection Setup

Connection Setup configures the phone's data connection settings for you based on the information on your SIM card or your selected mobile operator.

Selecting another mobile operator
You can manually select your network operator and allow Connection Setup to reconfigure your phone's data connections settings based on the selected operator.

1. On the Home screen, slide to the Settings tab and then tap Wireless controls.

2. On the Comm Manager screen, tap Data connection.

3. Select the network Country and Operator you want to use, then tap OK.

   > 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, tap Yes.

5. After Connection Setup completes the configuration, tap Done.

Updating the Connection Setup database
Connection Setup has a built-in database containing various mobile operator settings from which it retrieves data connection settings. To check if there's any new database update and download it to your phone, tap Menu > Update Database and then tap Update Database.

   > This may incur additional data charges.

14.6 Using Task Manager

Task Manager shows which programs and processes are currently running on your phone.

When you leave a program, such as by pressing the HOME, START or BACK button, the program still runs in the background. Use Task Manager to switch between programs or stop running programs.

1. Tap the title bar to open the Notifications screen.
2. Tap ⌨ on the right side of the Task Manager item.
3. To switch to a running program, tap the program name and then tap **Menu > Switch To**.
4. To stop running a program, tap the program name and then tap **End Task**.
5. To stop running all programs, tap **Menu > End All Tasks**.
6. Tap **Menu > Exit** to close and stop running Task Manager.

14.7 Protecting Your Phone

Protecting your SIM card with a PIN
You can protect your SIM card by requiring a PIN (personal identification number) every time the phone is turned on. You will not be able to use the Phone dialer or the data connection until you enter the correct PIN.

To enable the SIM card PIN
1. On the Home screen, slide to the Settings tab and then tap **Wireless controls**.
2. On the **Comm Manag**er screen, tap **Phone** to open the Phone Settings screen.

3. Tap the PIN code Off/On switch.

4. Enter the PIN, tap OK, and then tap OK on the message box.

- To change the PIN, tap **Change PIN** on the Phone Settings screen.
- Emergency calls can be placed at any time, without requiring a PIN.

Protecting your phone with a password

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

To set a password

1. On the Home screen, slide to the Settings tab and then tap **Security > Phone lock**.

2. Select the **Prompt if phone unused for** check box, and then specify the idle time before the phone requires a password. If you choose **0 Minutes**, you will need to input the password every time you wake the phone up from Sleep mode. For more information, see "Switching to Sleep mode" in Chapter 1.

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

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

4. Enter the password in both the **Password** and **Confirm** boxes.

5. Tap **Done**.

If your phone is idle for the timeout period that you set, you will need to enter your password to unlock your phone. If you used a simple PIN password, the Lock screen will be displayed before you enter your password. For information, see "Lock Screen" in Chapter 1.

- 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.
- If you forget your password, you can hard reset or clear the phone's memory. For more information about hard resetting the phone and clearing the memory, see "Resetting Your Phone".

Encrypting files on your storage card

You can set your phone to encrypt files as they are saved on the storage card.

1. On the Home screen, slide to the Settings tab and then tap Security > Encryption.

2. Select Encrypt files when placed on a storage card.

- Encrypted files can only be read on the phone that encrypted them.
- Encrypted files are opened just like other files, provided you are using the phone that encrypted them. There is no separate step for you to take to read these files.

If Encrypt files when placed on a storage card is enabled, back up all files from the storage card before performing a factory reset (Clear Storage or hard reset) or updating the operating system. Otherwise, you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

14.8 Resetting Your Phone

If you are having a system problem with your phone, you can perform a factory reset. After a factory reset, the phone is restored to its default settings—the way it was when you first purchased it and turned it on. You will lose any programs you installed, data you entered, and settings you customized on your phone, and only Windows Mobile software and other pre-installed programs will remain.

There are two ways to do a factory reset. One way is to perform a clear storage process through the phone settings. The other way is to perform a hard reset by pressing certain buttons on your phone, in cases when you are unable to start up your phone and enter the phone settings.

Your phone will be set back to factory default settings. Make sure that any additional installed programs and important data on your phone have been backed up before you perform a factory reset.

If **Encrypt files when placed on a storage card** is enabled, back up all files from the storage card before performing a factory reset (Clear Storage or hard reset) or updating the operating system. Otherwise, you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

To perform a clear storage

1. On the Home screen, slide to the Settings tab and then tap **Security > Factory reset**.

2. Enter "**1234**" and then tap **Yes**.

To perform a hard reset

1. With the phone turned off, press and hold the VOLUME UP and VOLUME DOWN buttons, then press the POWER button shortly and release it. You will then see a message on the screen warning you that the operation will delete all your personal data and reset all settings to manufacturer defaults.

2. Release the VOLUME UP and VOLUME DOWN buttons.

3. Press the VOLUME UP button to perform the hard reset, or press any other button to cancel the reset.

Appendix

Specifications

CPU speed	600 MHz
Operating system	Windows Mobile® 6.5 Professional with HTC Sense™
Memory	• ROM : 512 MB • RAM : 384 MB
Dimensions (LxWxT)	103.8 X 57.7 X 11.7 mm (4.09 X 2.27 X 0.46 inches)
Weight	110 grams (3.88 ounces) with battery
Display	3.2-inch TFT-LCD touch-sensituve screen with 320 X 480 HVGA resolution
Network	HSPA/WCDMA: • Europe/Asia: 900/2100 MHz • Upload speed of up to 2 Mbps and download speed of up to 7.2 Mbps Quad-band GSM/GPRS/EDGE: • 850/900/1800/1900 MHz (Band frequency, HSPA availability, and data speed are operator dependent.)
GPS	Internal GPS antenna
Sensors	• Proximity sensor • Ambient light sensor • G-Sensor
Connectivity	• Bluetooth® 2.1 with Enhanced Data Rate and A2DP for stereo wireless headsets • Wi-Fi®: IEEE 802.11 b/g • 3.5 mm stereo audio jack • Standard micro-USB (5-pin micro-USB 2.0)

Camera	5 megapixel color camera with auto focus
Audio supported formats	.aac, .amr, .m4a, .mid, .mp3, .mp4, .qcp, .wav, .wma
Video supported formats	.wmv, .asf, .mp4, .3gp, .3g2, .m4v, .avi

Battery	• Rechargeable Lithium-ion polymer or Lithium-ion battery
	• Capacity: 1200 mAh
	• Talk time: Up to 400 minutes for WCDMA
	              Up to 435 minutes for GSM
	• Standby time: Up to 500 hours for WCDMA
	                 Up to 340 hours for GSM
	
	(The above are subject to network and phone usage.)

Expansion slot	microSD™ memory card (SD 2.0 compatible)
AC adapter	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A

Specifications are subject to change without prior notice.

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