MOTOROLA

MPx220
GSM
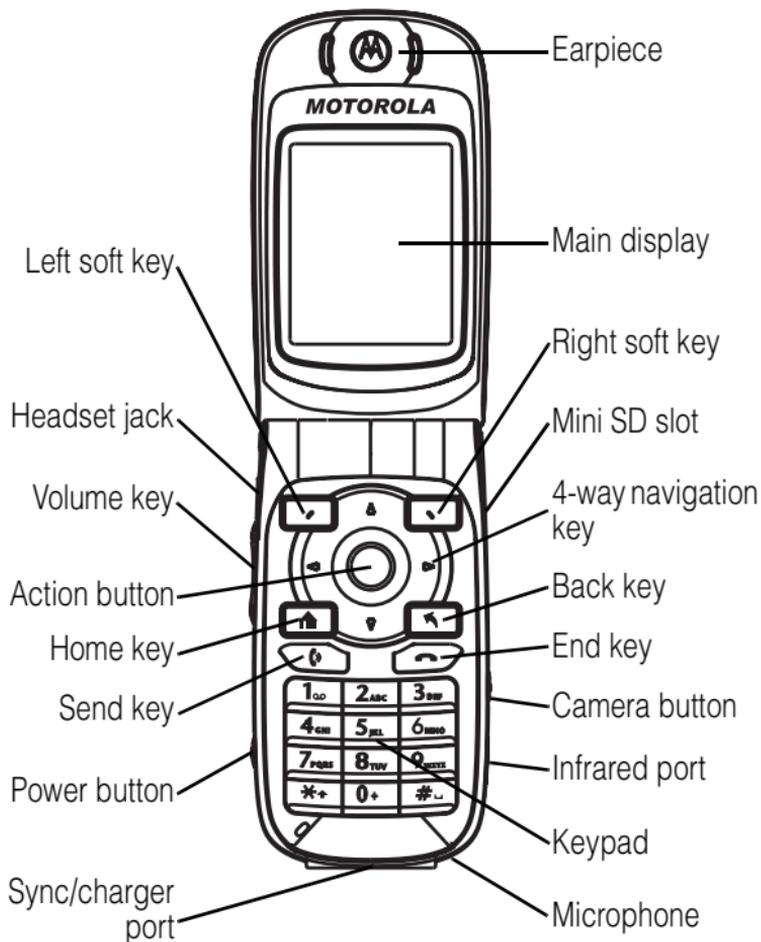
START HERE >

Welcome

Welcome to the world of Motorola MOTOPro devices. Your selection, the Motorola MPx220, delivers to you simplified communications, increased productivity and the control to develop a superior mobile experience whether at work, at home, on the road or at play.

- Earpiece
- Main display
- Left soft key
- Right soft key
- Headset jack
- Mini SD slot
- Volume key
- 4-way navigation key
- Action button
- Back key
- Home key
- End key
- Send key
- Camera button
- Power button
- Infrared port
- Keypad
- Sync/charger port
- Microphone

Contents

Getting Started

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

What's in the Box?

Your wireless mobile phone comes with a battery, travel charger, USB data cable, mono headset, companion CD, user manual, product and service user data, and cables*. You can purchase other accessories to customize your phone for maximum performance and portability.

Note: Additional accessories may be available depending on product promotions.

* In-box content may vary by region.

About This Guide

This user guide describes how to use your Motorola MPx220 to its maximum potential.

Note: In this user's guide, "Find the Feature" always indicates the feature's position from the Home screen.

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas.

Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/message information. It is stored in a recess in the battery compartment.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Action
1 If the phone's battery door is already in place, push down the battery door release latch and lift the battery door off the phone. **Note:** Turn off your phone every time when you remove/insert the SIM card.   Latch

6
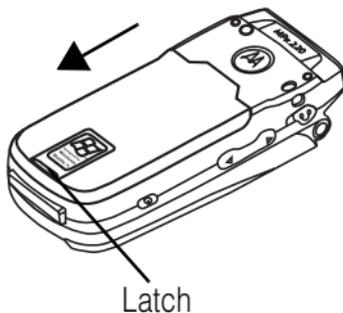
	Action
2	Lift the battery up from the bottom end and remove it from the phone.
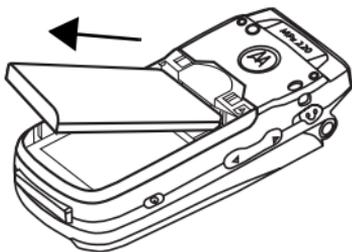
3	Hold the SIM card with the gold contact side facing down and the cut corner on the bottom right. Slide the SIM card all the way into the SIM card holder.

SIM card holder

Cut corner
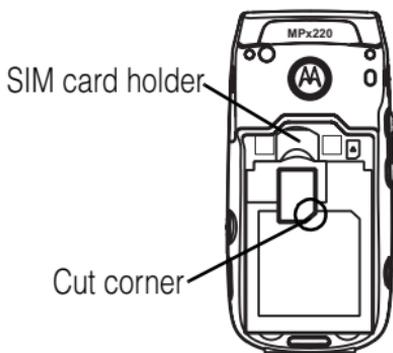
Installing the Battery

You must install and charge the battery to use your phone.

™ Your phone is designed to use only Motorola Original™ batteries and accessories. We

recommend that you store batteries in their protective cases when not in use.

	Action
1	Insert the battery into the back of the phone, with the contacts on the top end of the battery in alignment with the contacts on the phone. Push the bottom end of the battery into the phone until it clicks into the compartment.
2	Place the battery cover back on the phone, aligning the tabs on the cover with the groove on the phone. Slide the battery cover in the direction shown until it locks into place.
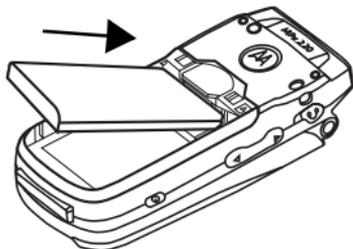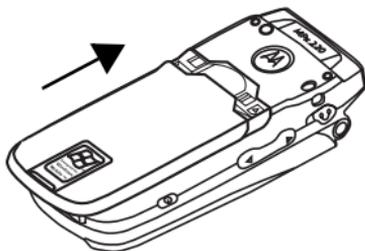
Battery Use

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

Always use Motorola Original™ batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

New batteries or batteries stored for a long time may take more time to charge.

When charging your battery, keep it near room temperature.

When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.

Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

Warning: Never dispose of batteries in a fire because they may explode.

Before using your phone, read the battery safety information in the "Safety and General Information" section included in this guide.

Charging the Battery

New batteries are partially charged. Before using your phone, charge the battery as described below. Some

batteries perform best after several full charge/discharge cycles.

	Action
1	Plug battery charger connector into the sync/charger port.
	Note: The connector is keyed and can only be inserted 1 way.
2	Plug the other end of the charger into the electrical outlet.
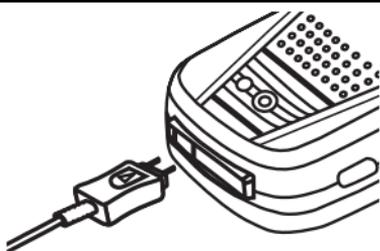
Notes:

- When you charge the battery, the battery power level indicator in the external display shows how much of the charging process is complete. At least 1 segment of the battery power level indicator must be visible to ensure full phone functionality while charging. You can use the phone during the charging process. However, the battery will take longer to fully charge.

- Your phone will indicate a full charge before 24 hours have passed, however, allow your phone to charge for the full 24 hours before 1st use.

- When battery power is low, a low battery message displays. Charge the battery immediately.

- If battery power is completely drained, the phone turns off automatically.

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- **The charging indicator may take several minutes before appearing in the external display.**

Turning Your Phone On/Off

Press	To
Power (⏻)	turn on or off your phone

Adjusting Volume

	Press	To
1	⬍ up/down	increase/decrease earpiece volume in idle or during a call
		Note: You can adjust the volume only when the phone flip is opened.
2	**Action** (○)	save the setting

Tip: When a call is ringing/incoming, press ⬍ to mute the ring.

Making a Call

There are several ways to make a call. The easiest way is to dial a phone number from the Home screen.

	Press	**To**
1	keypad keys	enter the phone number
		Tip: Press **Back** 🔲 to delete the last digit; press and hold **Back** 🔲 to delete all digits.
2	**Send** 🔲	make the call
3	**End** 🔲	end the call

Tip: To enter an extension, press and hold 🔲 to insert a "P" (pause character); then enter the extension following it.

Tip: To make an international call, press and hold 🔲 to insert a "+"; then enter the country code, area code (omitting the starting 0), and phone number following it. Some international calls require a 3-second pause in the dialing sequence for the call to process successfully. Follow the steps:

Find the Feature   **Start** 🔲 > **Contacts**

	Press	**To**
1	🔿	scroll to a desired entry
2	**Action** (○)	select the entry
3	🔿	scroll to a desired phone number

	Press	To
4	**Edit** ⬠	edit the phone number
5	⬤ left/right	move the cursor between the numbers where you want to insert a 3-second pause
6	**Menu** ⬠	open the options menu
7	⬤	scroll to **Insert Pause**
8	**Action** (○)	insert a 3-second pause
9	**Done** ⬠	save the setting

The letter "p" appears where the 3-second pause will occur in the dialing sequence. You can also add a "p" via text entry.

Answering a Call

Caller ID information is matched to a contact — Cooper, Scott
0920251825

w — Phone number is identified as **Work** number in **Contacts**

Accept   Reject

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Tip: When **Flip Answer** is active, open the flip to answer the call. (To activate, see "Use Advanced Phone Setting" on page 64.)

Tip: When **Any key answer** is active, press any of the keys except **End** 🔘 to answer the call. (To activate, see "Use Phone Setting" on page 60.)

Learning to Use Your Phone

Using the Internal Display

The Home screen (shown) is the standard display when you are not on a call or using the menu.

Status indicators

Service provider

Current time

Number of unread messages

Current date

Next appointment

Ring type or volume profile
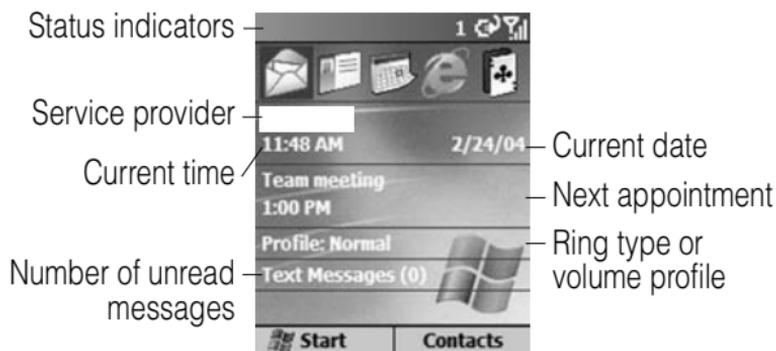
On the Home screen, you will find:

- The top of the display shows status indicators about your phone's current mode.

- The center of the display shows the Home screen, as well as icons, appointments, other types of information, and messages.

- The bottom of the display shows the soft key commands.

Note: The display shown may be different based on the specific Home screen configuration chosen.

Status indicators display at the top of your phone's internal screen. The following table lists common status indicators and their meanings.

Icon	Meaning	Icon	Meaning
✉	New email or SMS	G	GPRS available
✍	New voicemail	ᴳ⌐	GPRS in use
👤	New instant message	▲	Roaming
📶	Voice call active	⊕	Sync error
⋮📶	Data call active	ⵝ_x	Radio off
↪	Call forwarding	◀×	Ringer off
⌒	Call on hold	◀	Speaker
☎!	Missed call	abc	Multi-Tap text input mode, lowercase
▥	Battery level	Abc	Multi-Tap text input mode, uppercase
⊏!	Low battery	ABC	Multi-Tap text input mode, caps lock
⊕	Battery charging	a̲b̲c̲	iTAP text input mode, lowercase
⊏×	No battery	A̲b̲c̲	iTAP text input mode, uppercase
ⵏⅈ	Signal strength	A̲B̲C̲	iTAP text input mode, caps lock
ⵏ⍀	No signal	123	Numeric input mode

Using the External Display

Battery level ——— Signal strength

```
       ▭▭▭          Y▮▮
          12:00 PM    ——— Current time
       7/1/04
```

Current date ———

The following table lists the icons and their meanings that appear on the external display.

Icon	Meaning	Icon	Meaning
Y▮▮	**Signal strength**	▭▭▭	**Battery level**
〔▮	**Call in progress**	▭!	**Battery low**
▮▮	**Data call active**	▭×	**No battery**
▽₂	**No signal**	⟳	**Charging**
▽×	**Radio off**	◀×	**Ringer off**
✉	**You have unread new message(s)**	◀	**Speaker**
☎!	**You have missed call(s)**	▣▮	**GPRS in use**
ℂ⟶	**Call forwarding**	▲	**Roaming**
▲	**New instant message**		

When enabled, the external display shows the incoming photo Caller ID (see "Take Picture Using Normal Mode" on page 90).

Your phone's display may differ based on the specific external LCD style chosen (see "Use Advanced Phone Setting" on page 64).

Using the Home Key

Use the Home key to do the following:

• From the Home screen, press and hold **Home** 🔳 to access the **Quick List**, or quickly press and release **Power** (◎). The **Quick List** displays a list of available profile types and commands, such as turn off your phone, turn on/off the **Flight mode** feature, lock your phone's keypad, and lock your phone.

   Note: Be aware that when the **Flight mode** feature is turned on, then your phone cannot receive and make a call, including an emergency call. In order to receive and make a call, you must turn off the **Flight mode** feature and re-engage your phone's RF capability. Always obey the instructions of your airline crew.

• Display the Home screen to dial a number.

• The Home screen is your starting place for most tasks. You can easily navigate to any program or setting from this screen. The top of the Home screen displays the last 10 icons you browsed. Just select a program and press **Action** (○) to open the program. You can also press **Start** 🔲 to enter the programs on the Start list. The Home screen also displays the current time and date, your next appointment, your current profile, and the number of unread messages in **Messaging**. Select your next appointment and press **Action**

($\bigcirc$) to open **Calendar**, and you can see all of your appointments for the day. To view **Messaging**, select the messaging status showing the number of unread messages you have, and press **Action** ($\bigcirc$). To view **Contacts**, press **Contacts** ⟍ .

• The Home screen automatically displays when you turn on the phone or leave the phone idle, but you can navigate to it at any time by pressing **Home** ⌂ .

• To change Home screen settings, see "Customize Home Screen" on page 62.

Using the 4-Way Navigation Key

Use the 4-Way Navigation key to navigate the menu system, change feature settings and play games.

Tip: Down and up are your primary movements within menus and navigation through contacts. Move left and right to change feature settings and edit text.

From the Home screen, press $\bigcirc$ to do the following:

• Select a program at the top of the screen, and then press **Action** ($\bigcirc$) to open the program.

• Select an item in the center of the Home screen, such as your next appointment, your profile type, or your messaging information, and then press **Action** ($\bigcirc$) to open the program or access the settings associated with the item selected.

Using the Action Button

The Action button confirms your selection. Pressing **Action** (○) is similar to pressing "Enter" on a keyboard. In some cases, confirming your selection accesses a program or setting. You can also press **Action** (○) to check or uncheck a feature.

Using the Soft Keys

The 2 Soft keys on your phone are located directly below the display screen. Each soft key performs the command displayed immediately above it on the screen. Both soft keys are context sensitive — their function changes according to the phone's status, for example, when in a particular application or making a phone call.

On the Home screen:

	Press	To
1	**Left soft key** ⬛ (**Start**)	access programs in the Start list
		Tip: The phone comes pre-installed with programs that you can start using immediately. To install additional programs on your phone, refer to the Motorola MPx220 companion CD that came with the phone.

	Press	To
2	Right soft key ⬜	access the following during normal use:

- **Contacts**: displays to open your contacts list.
- **Voicemail**: displays to play a received voicemail.
- **Messages**: displays to read new messages in **Messaging**.

You can also use numbers to navigate quickly to programs and settings on the phone. Press the number on the keypad that corresponds to the number of the program or setting you want. For example, in the Start list, press 3 to open **Calendar**. You can also use numbers to select menu options by pressing the number that corresponds to the menu option in descending order. For example, to select **Filter** in the list of **Contacts** menu options, press 5.

Using the Back Button

Press the Back button to navigate to the previous screen, or move the cursor back to delete 1 or more characters in a text field.

	Press	To
1	Back ⬜	backspace and remove 1 character in a text field

	Press	**To**
2	**Back** 🔲 for a while	backspace and remove multiple characters in a text field

Using Menus

On many screens, the Menu soft key is the Right soft key.

Press **Menu** 🔲 to display a list of options that are relevant to the screen you are viewing. Selecting a menu option will either perform the command or take you to another part of the user interface where you can perform the command.

```
New Message              abc 📶
To: someone@example.com
Co   Insert Contact          │
     Insert Text
Su   Insert Recording
     Message Options

     Postpone Message
     Send Message

     Cancel Compose
Send            Menu
```
— Press **Menu** 🔲 to display menu options

Tip: Press 🔘 up to move to the bottom of the menu.

Entering Text and Numbers

You can enter text and numbers on the phone using the keypad. The phone supports 3 input modes for entering text and numbers: **Multi-Tap**, **iTAP**, and **Numeric**. The **Multi-Tap** and **iTAP** modes are used for entering text, and the **Numeric** mode

is used for entering numbers. When you select a field that requires text or numeric entry, the phone automatically defaults to the appropriate input mode. The status indicator on the top of the display shows the input mode you are currently using.

Changing Input Modes

Action

Press and hold ⁕ until the status indicator for the input mode you want is shown at the top of the display.

The following table shows the complete list of input mode status indicators.

Indicator	Mode
abc	**Multi-Tap** text input mode, lower case
Abc	**Multi-Tap** text input mode, temporarily upper case
ABC	**Multi-Tap** text input mode, caps lock
<u>abc</u>	**iTAP** text input mode, lower case
<u>Abc</u>	**iTAP** text input mode, temporarily upper case
<u>ABC</u>	**iTAP** text input mode, caps lock
123	**Numeric** input mode

Entering Text in Multi-Tap Mode

You can enter a letter in **Multi-Tap** mode by pressing the number key on which the letter appears. To enter the 1st letter on the number key, press the key once. To enter the 2nd letter, press the key twice, and so on. The letter entered remains underlined until you complete the keypresses and the cursor moves to the next position. For example:

	Press	To
1	7ₚᵩᵣₛ 7ₚᵩᵣₛ 7ₚᵩᵣₛ 7ₚᵩᵣₛ	enter the letter **s**
2	4ₘ 4ₘ 2ₐᵦᵧ 8ₜᵤᵥ	enter the word **hat**

When you enter letters that are on the same number key, wait until the underline disappears before entering the next letter so that your phone can process the 1st letter. This pause is called the **Multi-Tap** time out, and you can adjust the length of the pause between keypresses.

To change the **Multi-Tap** time out:

Find the Feature Start ☐ > **Settings** > **Accessibility**

	Press	To
1	◯ left/right	select the time interval you want for the pause between keypresses under **Multipress time out**
2	Done ☐	save the setting

Learning to Use Your Phone

Entering Punctuation in Multi-Tap Mode

Press	To
🔢 repetitively	scroll through common punctuation: **. , ? ! - @ : 1**

Entering Numbers in Numeric Mode

When you are in **Numeric** mode, press the number(s) you want to enter on the keypad. If a field permits a numerical entry only, such as the **Work** phone field in **Contacts**, the input mode will automatically default to **Numeric** mode. To enter an asterisk (*****) or a hash sign (**#**), press the corresponding key on the keypad.

Inserting Symbol

	Press	To
1	🔣 for a while	open the **Pick a symbol** list
2	🔘	scroll to a symbol
3	**Done** ⬜	select and enter the symbol

Tip: You can also press 🔢 to select and enter a symbol.

Using Special Key Functions

The following is a list of the keys and their corresponding functions in input mode.

To enter a space in **Multi-Tap** mode:

Press	To
[#]	enter a space

To start a new line:

Press	To
Action (◯)	start a new line

To change among uppercase, lowercase, and caps lock:

Press	To
[*]	change among uppercase, lowercase, and caps lock

Tip: In text mode, the 1st letter of a sentence is automatically capitalized.

Viewing Phone Information

Use **About** settings to display information about your phone's operating system, including version numbers, copyright information and available storage.

Find the Feature Start ⬜ > Settings > About

Setting Up Your Phone

Setting the Time and Date

Use **Date and Time** settings to change the local time zone and the current date and time, and to set the alarm.

Find the Feature   Start ⬚ > Settings > More

	Press	To
1	⬚	scroll to **Date and Time**
2	**Action** (○)	set **Date and Time** settings

Entering Owner Information

Use **Owner Information** settings to enter and display personal information, such as your name, phone number, and email address. In the event that you lose your phone and it is found, you can be contacted.

Find the Feature   Start ⬚ > Settings > More

	Press	To
1	⬚	scroll to **Owner Information**
2	**Action** (○)	set **Owner Information** settings

Configuring Power Management

Use **Power Management** settings to change the backlight and display time-outs, and to check the battery level.

Find the Feature	Start ▢ > **Settings** > **More**

	Press	**To**
1	⬤	scroll to **Power Management**
2	**Action** (○)	set **Power Management** settings

Calling Features

Redialing a Number

To redial the last number called from the Home screen:

Press	To
Send 🔘 twice	place a call to the last dialed number

Calling a Contacts Entry

As you enter a contact name, the phone searches **Contacts**, **Call History**, **Speed Dial** lists, and the SIM card to find a matching name and number.

```
                              G   1 ⬛📶
                         5555016
Number matches contact ——    Cooper, Scott    w
Number matches entry ——    Cooper, Scott
    in Call History

                    Save          Menu
```

Making a Call from the Home Screen

	Press	To
1	keypad keys	enter the contact name (For example, to call Scott, press 7PQRS 2ABC 6MNO 8TUV 8TUV .)
2	(navigation key)	select the name from your contacts list
3	Send	make the call

Making a Call from Contacts

You can select a person's name from your contacts list and press **Send** to place the call. If a contact has more than 1 phone number, such as **Work**, **Home**, and **Fax**, the **Work** phone number is set as the default.

Find the Feature   Start ⬜ > Contacts

	Press	To
1	(navigation key)	scroll to the contact name to call
2	Send	make the call

Tip: If you have a long list of contacts, enter the 1st few letters of a contact's name. Your phone searches the entire contacts list to display the name.

Changing the Default Number for a Contact

Find the Feature   Start ⬚ > **Contacts**

	Press	To
1	�’	scroll to a desired contact
2	�’ left/right	change the default number (For example, if you change **w** to **m**, the default number changes from **Work** phone to **Mobile** phone.)

Making a Call to a Desired Phone Number

Find the Feature   Start ⬚ > **Contacts**

	Press	To
1	�’	scroll to the contact to call
2	**Action** (◯)	open the contact
3	�’	scroll to the number you want to call
4	**Send** 📞	place the call

Making a Call with Voice Dialing

You can dial a phone number by speaking a word.

Note: The voice recognition application works only via the phone directly or a wired headset attached to the phone, but not with a Bluetooth headset.

Dialing a Phone Number by Saying the Name Exactly Saved in Contacts

On the Home screen:

Action
1 Press and hold $\int_{\mathbb{Q}}^{\mathbb{A}}$ up to open **Speech Recognition**.
2 Wait for the audio and visual cue and begin saying **Voice Dial**.
3 Wait for the audio and visual cue and begin saying the name exactly stored in your contacts list.
4 If there is only 1 number for this contact, the phone dials the number automatically. If there are multiple numbers, the phone displays the different locations and asks you which 1 to call. Say the name of the location you want to call, for example, **Work**. The phone repeats the location and then dials the number.

Calling Features

Changing How Voice Dial Works with Names

If you want to review and confirm names before dialing the associated numbers, you must enable **Choice Lists**. After you say a name, your phone prompts you **Did you say** followed by the name that most nearly matches the name you spoke. You can confirm the name by saying **Yes** or pressing

Yes ⬜ , or by selecting the correct name from a list of up to 3 names displayed on the screen. **Choice Lists** is disabled by default. To enable it, follow the steps from the Home screen:

Action
Press and hold 〔↕〕 up to open **Speech Recognition**.

	Press	To
1	**Settings** ⬜	open the settings menu
2	〔◌〕	scroll to **Choice Lists**
3	**Action** (○)	select **Choice Lists**
4	**Action** (○)	select **Name dialing**
5	〔◌〕	scroll to **Always On**
6	**OK** ⬜	save the setting

Adjusting the Name Sensitivity Setting

If the phone seldom recognizes your name commands, follow the steps from the Home screen:

Action
Press and hold ⬍ up to open **Speech Recognition**.

	Press	To
1	**Settings** ⬜	open the settings menu
2	⬭	scroll to **Sensitivity**
3	**Action** (○)	select **Sensitivity**
4	⬭	scroll to **Names**
5	**Action** (○)	select **Names**
6	⬭ down	adjust the **Names** setting toward **Reject Less**
7	**OK** ⬜	save the setting

Changing How Speech Recognition Updates Contacts

When you start **Speech Recognition**, it checks to see if you have added or changed names in your contacts list. If the contacts list has changed, **Speech Recognition** automatically reloads the entire list of names. You can also turn off

automatic update and then update the list manually at your convenience. To turn off automatic update:

Action

Press and hold 🎧 up to open **Speech Recognition**.

	Press	**To**
1	**Settings** ⌐	open the settings menu
2	⟨◌⟩	scroll to **Contacts Update**
3	**Action** (○)	select **Contacts Update**
4	**Action** (○)	select **Configure**
5	⟨◌⟩	scroll to **Manual**
6	**OK** ⌐	save the setting

Dialing a Phone Number by Speaking the Number Continuously

You can dial valid 7-digit or 10-digit phone numbers simply by speaking the number continuously, without pausing between the digits.

Note: The phone recognizes the digits "one," "two," "three," "four," "five," "six," "seven," "eight," "nine," "zero," and "oh." The phone cannot recognize numbers such as "1 eight hundred" for "1 800." Say "one eight zero zero" instead.

On the Home screen:

	Action
1	Press and hold ⬍ up to open **Speech Recognition**.
2	Wait for the audio and visual cue and begin saying **Voice Dial**.
3	Say a valid 7-digit or 10-digit number distinctively, without pausing between digits. Optionally, you can say the 1st digit of the number and the phone displays a list of up to 3 numbers and prompts you **Did you say** followed by the 1st number in the list.
4	If the number is correct, say **Yes** to initiate dialing. If the number is not correct, say **No** to hear the next match or select the correct number from the list.

Changing How Voice Dial Works with Phone Numbers

By default, **Choice Lists** for **Digit Dialing** is enabled, which allows you to review and confirm numbers before dialing them. If you disable **Choice Lists**, the phone automatically dials the recognized number, without

Calling Features

requiring you to confirm it. To disable **Choice Lists** from the Home screen:

Action
Press and hold ⬍ up to open **Speech Recognition**.

	Press	**To**
1	**Settings** ▭	open the settings menu
2	⬭	scroll to **Choice Lists**
3	**Action** (○)	select **Choice Lists**
4	⬭	scroll to **Digit Dialing**
5	**Action** (○)	select **Digit Dialing**
6	⬭	scroll to **Always On**
7	**OK** ▭	save the setting

Customizing Digit Dialing to Your Voice

You can adapt **Digit Dialing** to your personal accent, if necessary. Adaptation involves recording 12 sequences of 4 digits each to teach the system your voice.

On the Home screen:

Action
Press and hold $\int$ up to open **Speech Recognition**.

	Press	To
1	**Settings** $\boxed{\cdot}$	open the settings menu
2	**Action** ($\bigcirc$)	select **Digit Dialing**
3	$\bigodot$	scroll to **Adapt Digits**
4	**Action** ($\bigcirc$)	select **Adapt Digits**
5	**OK** $\boxed{\cdot}$	to start recording
		Tip: Wait for the beep and then repeat the digits of the 1st sequence displayed on the screen. Then follow the instructions on the screen to complete the adaptation.

Calling Features

Making a Call from the Call History List

The **Call History** list displays the last 25 calls you made, received, or missed. Choose a name or number to call from the list.

Find the Feature   Start $\boxed{\cdot}$ > **Call History**

	Press	To
1	⊙	scroll to the number or entry to call
2	Send ⌕	place the call

Calling a Number in a Message

When you see an underlined phone number as a hyperlink in a message, you can place a call to the phone number.

After opening a message:

	Press	To
1	⊙	scroll to the phone number as a hyperlink
2	Action (○)	place the call

Calling an Emergency Number

Calls to emergency service numbers can be made under any circumstances, even if you have locked the SIM card and/or the phone.

Notes:

- Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues

- Be aware that when the **Flight mode** feature is turned on, the phone cannot receive and make a call, including

an emergency call. In order to receive and make a call, you must turn off the **Flight mode** feature and re-engage the phone's RF capability. Always obey the instructions of your airline crew.

From the Home screen:

	Press	**To**
1	keypad keys	dial your local emergency number
2	**Send** ⬙	place the call

Managing Call History

Call History displays the last 25 calls you have made, received, and missed. Each entry in **Call History** contains the start time of the call, the duration, the caller's name, if available, and the caller's number. The oldest calls are automatically deleted from the list to make room for new calls.

Find the Feature   **Start** ⬙ > **Call History**

Tip: You can filter **Missed Calls**, **Incoming Calls**, and **Outgoing Calls** by pressing **Menu** ⬙ , selecting **Filter**, and selecting the filter you want.

Sending an Email from Call History

	Press	**To**
1	⬙	scroll to a desired entry

Calling Features

	Press	To
2	Menu ⬜	open the options menu
3	⊙	scroll to **E-mail**
4	Action (○)	edit and send an email to the entry's recipient

Creating a New Contact from a Number in Call History

	Press	To
1	⊙	scroll to a desired entry
2	Menu ⬜	open the options menu
3	⊙	scroll to **Save to Contacts**
4	Action (○)	select **Save to Contacts** **Note:** Make sure **‹New Item›** is highlighted.
5	Action (○)	enter the contact information

Calling with Speed Dial

You can quickly dial phone numbers by assigning speed dial numbers. Press and hold 1 or 2 keys from the Home screen to make a speed dial call. Choose speed dial entries from 2-99. The speed dial entry 1 is often reserved to set up or dial your voicemail after initial setup.

Note: The **Speed Dial** setting is available only for a phone number stored in the phone memory.

To create a speed dial shortcut 1st:

Find the Feature   Start ⬚ > **Contacts**

	Press	To
1	⊙	scroll to a desired contact
2	**Action** (○)	open the contact
3	⊙	scroll to a desired phone number
4	**Menu** ⬚	open the options menu
5	**Action** (○)	select **Add Speed Dial**
6	keypad keys	enter the speed dial number under **Keypad assignment**
7	**Done** ⬚	save the setting

Tip: You can also assign speed dial numbers to Web addresses and email addresses that are stored in **Contacts** of your phone.

To make a speed dial call from the Home screen:

Action

Press and hold the keypad number that you have assigned as a speed dial number. If the keypad assignment has 2 digits, press the 1st digit, then press and hold the 2nd digit.

Calling Features

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Using Voicemail

On the Home screen:

Action
Press and hold 🔲 to automatically call voicemail after initial setup.

Using Call Waiting

To answer the incoming call when you are talking on the phone:

Press	To
Accept ⬜	place the 1st call on hold, and answer the 2nd call
or	
Send ⬜	

To end the 1st call before answering the incoming call:

	Press	To
1	End ⬜	end the 1st call
2	Accept ⬜	answer the 2nd call
	or	
	Send ⬜	

Calling Features

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Tip: If the 2nd call is answered but the caller hangs up, press **Menu** `⬚` and select **Unhold** to rejoin the original call. Press **Send** `⬚` to change between an active call and a call that is on hold.

To reject the incoming call when you are talking on the phone:

Press	To
Reject `⬚`	reject the 2nd call

This will keep your current call in progress, but will reject the **Call Waiting** call.

Putting a Call on Hold

While a call is in progress, you can hold the call and then reconnect it.

	Press	To
1	Menu `⬚`	open the options menu
2	`⬚`	scroll to **Hold**
3	Action (○)	place the active call on hold
		Tip: Select **Unhold** to activate the call on hold.

Muting a Call

You can mute the microphone for the active call. The other party will not hear anything you say, but you can still hear the other party.

	Press	To
1	Menu ⬚	open the options menu
2	⬭	scroll to **Mute**
3	Action (○)	mute the active call
		Tip: Select **Unmute** to turn the microphone back on for the active call.

Turning the Speaker On/Off

You can turn the speaker on or off during a call.

	Press	To
1	Menu ⬚	open the options menu
2	⬭	scroll to **Speakerphone/ Speakerphone Off**
3	Action (○)	turn the speaker on/off

Tip: During an incoming or outgoing call, you can toggle between the earpiece and speakerphone by holding down Send ⬚ .

Phone Features

Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available for all users.

Messaging
- Text Messages
- Outlook E-Mail *
- Media Messages *

Contacts

Calendar

Internet Explorer *

ActiveSync

Call History

MSN Messenger *

Settings
- Phone *
- Sounds
- Profiles
- Home Screen
- About
- Accessibility
- Beam
- Bluetooth
- Certificates
- Data Connections
- Date and Time
- Owner Information
- Power Management
- Regional Settings
- Remove Programs

- Security
- Phone Settings

Camera

Favorites Manager

File Manager

File Viewer

Games & Apps

Media Center

MMSSettings *

PhotoAlbum

Pocket MSN *

* Optional network, SIM card, or subscription-dependent feature.

The voice recognition application works only via the phone directly or a wired headset attached to the phone, but not with a Bluetooth headset.

Phone Features

Resource Manager
- Task Manager
- Space Manager

Speed Dial

Tasks

Speech Recognition #

Voice Recorder

Windows Media

Accessories
- Calculator
- Video Camera
- Modem Link
- Video Player

Games
- Jawbreaker
- Solitaire

Shortcuts
Go to dialed calls list: Press 📞 (in idle).
Use Speech Recognition or Voice Recorder: Press and hold ⬍ up or down (in idle).
Take photos: Press **Start** ⬛ > **More** > **Camera**, and then press 📷 .
Open Quick List: Press and hold 🔘 (in idle).
Exit menu system: Press 🔘 .

Phone Features

Messages

Feature	Description
Compose MMS Message	Compose an MMS message: Start ⬜ > Messaging > Media Messages > New ⬜ **Tip:** MMS messages are created by combining various slides. Each slide can consist of a photo or video, audio (only when photos are used), and text.
Add Photo/ Video to MMS Message	Add a still image/video clip to your MMS message: Highlight the **Picture/Video** area > press **Action** (○), scroll to a desired photo/video clip > press **Select** ⬜ .
Add Text Template to MMS Message	Add preset words/phrases to your MMS message: Highlight the **Text** area > press **Action** (○) > **Menu** ⬜ > **Action** (○), scroll to a desired text template > press **Select** ⬜ > **Done** ⬜ . **Tip:** To edit text templates, select a text template, press **Menu** ⬜ > **Edit**.

Phone Features

Feature	Description
Add Preset Audio to MMS Message	Add preset audio clips to your MMS message: Highlight the **Audio** area > press **Action** (○), scroll to a desired audio clip > press **Select** ☐ .
Add Recorded Audio to MMS Message	Add recorded audio clips to your MMS message: Highlight the **Audio** area > press **Action** (○) > **Menu** ☐ > **Capture Audio** > **Record** ☐ > **Play** ☐ > **Stop** ☐ > **Done** ☐ .
Manage Slide for MMS Message	Add, remove, or jump to additional slides in your MMS message: **Menu** ☐ > **Slides**
Preview MMS Message	Preview your MMS message before sending it: **Menu** ☐ > **Preview Message**

Phone Features

Feature	Description
Send MMS Message	Send your MMS message starting from the **To** field: **Menu** 🔲 > **Recipients** > **Add**, choose a recipient from your contacts list (or use keypad keys to enter in your recipient's phone number/email address), highlight the **Subject** field, enter in a subject of your message > press **Send** 🔲 . **Tip:** You can add other recipients separated by semicolons.
Configure Sending Performance	Customize how your MMS message is sent: **Menu** 🔲 > **Send Options**
Read MMS Message	View your MMS messages in different message boxes: **Start** 🔲 > **Messaging** > **Media Messages** > **Menu** 🔲 > **Folders** **Tip:** To view objects, scroll to a desired one > **Action** (○).

Feature	Description
Configure MMS Setting	Save the messages you sent, download new messages automatically, sort messages by different ways, define the maximum size limit for messages that you send and receive, set the number of times you attempt to send your messages before stopping, and select a type of Internet connection: Start ⬚ > More > MMSSettings
Configure Email Account	Complete the email account setup before sending and receiving emails: Start ⬚ > Messaging > Outlook E-Mail > Menu ⬚ > Options > Account Setup > Menu ⬚ > New **Tip:** Your service provider may have configured email settings for your phone before you received it; otherwise, contact your service provider to set up your email account.

Phone Features

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Feature	Description
Receive Email from the Internet	Receive email messages by connecting to your email server: Start ⚬ > Messaging > Outlook E-Mail > Menu ⚬ > Send/Receive **Tip:** To receive emails by synchronizing Inbox, see "Synchronization with ActiveSync®" on page 76.
Receive Complete Email	Receive emails in full, instead of receiving only the 1st 5 KB set by default: Start ⚬ > Messaging > Outlook E-Mail > scroll to a desired email > press Menu ⚬ > Mark for Download.

Feature	Description
Receive Email Attachment	Download email attachments (displayed as a list of hyperlinks at the bottom of the email message) to your phone: **Start** ▢ > **Messaging** > **Outlook E-Mail** > scroll to a desired email that contains an attachment(s) > press **Action** (○) > scroll to a desired attachment > press **Action** (○). **Tip:** To view downloaded attachments, select a desired one > press **Action** (○).
Compose and Send Email/ SMS Message from Messaging	Compose and send an email or SMS message from **Messaging**: **Start** ▢ > **Messaging** > **Text Messages**/ **Outlook E-Mail** > **New** ▢ > enter in your recipient's (SMS) phone number or email address in the **To** field (or select a recipient from your contacts list by pressing **Menu** ▢ > **Insert Contact**) > enter in your message > press **Send** ▢ . **Tip:** To add multiple recipients, separate each with a semicolon by pressing ▢ in **Multi-Tap** mode. You can also press ▢ to insert @.

Phone Features

Feature	Description
Compose and Send Email/ SMS Message from Contacts	Compose and send an email or SMS message from **Contacts**: **Start** ⊙ > **Contacts** > select a contact > select an email address or (SMS) phone number > select **Text Messages** or **Outlook E-Mail** for your email > enter in your message > press **Send** ⊙ .
Insert Predefined Text into Email/SMS Message	In the body or subject text field of your message: **Menu** ⊙ > **Insert Text** > scroll to a desired text template > press **Insert** ⊙ .
Edit Predefined Text	Edit the predefined text: **Start** ⊙ > **Messaging** > **Text Messages/ Outlook E-Mail/Media Messages** > **Menu** ⊙ > **Options** > **Edit My Text**
Insert Voice Recording into Email	In the body text field of your email: *(Network / Subscription Dependent Feature)* **Menu** ⊙ > **Insert Recording** > **Record** ⊙ > **Done** ⊙ **Tip:** You can create only 1 voice recording at a time. A new voice recording replaces the prior recording.

Feature	Description
Import SMS Message from Your SIM Card to Your Phone	Import SMS messages from your SIM card to **Messaging** of your phone: **Start** ⟐ > **Messaging** > **Text Messages** > **Menu** ⟐ > **Options** > **Import SIM Messages** **Note:** SMS messages are not removed from your SIM card after they are imported. You cannot export SMS messages from your phone to your SIM card.
Read Email/ SMS Message	Read your email or SMS messages, accompanied by the icon ✉: **Start** ⟐ > **Messaging** > **Text Messages/ Outlook E-Mail** **Tip:** If you want to create a contact card for the sender, press **Menu** ⟐ > **Save to Contacts**. **Note:** SMS messages cannot be synchronized.
Use Email/ SMS Message Menu Options	Delete, reply, forward your email or SMS messages, and more: **Start** ⟐ > **Messaging** > **Text Messages/ Outlook E-Mail** > **Menu** ⟐

Feature	Description
Optimize Messaging	Change the way your email/SMS messages display and send, specify how to sort your messages, create your text phrase and signature, and more: Start $\square$ > Messaging > Text Messages/ Outlook E-Mail > Menu $\square$ > Options
Accept Meeting Request	Accept a meeting request: Start $\square$ > Messaging > Text Messages/ Outlook E-Mail > select a meeting request > press Accept $\square$. **Tip:** When you accept a meeting request, the meeting immediately appears in Calendar and a message will be sent back to the meeting organizer the next time you synchronize Calendar. To synchronize Calendar, see "Synchronization with ActiveSync®" on page 76.
View Email/ SMS Message Folder	View your deleted, draft, received, and sent messages in the different folders: Start $\square$ > Messaging > Text Messages/ Outlook E-Mail > Menu $\square$ > Folders

Phone Features

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Feature	Description
Listen to Voicemail Message	Listen to your new voicemail messages 🔊, press **Voicemail** ⬚ from the Home screen, or press and hold ⬚ from the Home screen to dial your voicemail service number.
Modify Sound Alert for Email/ SMS/Voicemail Message	Choose a sound alert for your email/SMS/voicemail messages: **Start** ⬚ > **Settings** > **Sounds**

Chat with MSN[a] Messenger

To use **MSN Messenger**, you need a Microsoft.NET[a] Passport account unless you already have a hotmail account. To set up a Microsoft.NET Passport account, go to: kwws=2 zzz1sdvvsruw1qhw

When you are using **MSN Messenger**, the session will not time out or end unless you end **MSN Messenger**; you "Accept" an incoming voice call; an outgoing voice call is placed; the device is turned off; or the device moves out of range.

Feature	Description
Sign In MSN Messenger	Use **MSN Messenger**: **Start** ⬚ > **MSN Messenger** > **Sign In** ⬚

Feature	Description
Sign Out of MSN Messenger	End **MSN Messenger**: End ⌢ **Note:** If you do not sign out of **MSN Messenger**, you remain on a data connection, which may result in additional charges from your service provider.
Send Instant Message	Send an IM after signing into **MSN Messenger**: Select a person you want to send your IM > press **Send** ⌑ > enter your message > press **Send** ⌑ . **Tip:** Use the menu options to add text templates, invite a contact to the ongoing chat, see who is already chatting, or change between chats.
Manage MSN Messenger Contacts List	Add, delete, or block/unblock a contact in the messenger contacts list after signing into **MSN Messenger**: **Menu** ⌑ **Tip:** Block/unblock the selected contact from seeing your status and sending you messages.

Phone Features

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Feature	Description
Change Your Status	Change your status in the messenger contacts list after signing into **MSN Messenger**: Select your name > select a status description.
Change Your Displayed Name	Change your displayed name after signing into **MSN Messenger**: **Options** $\boxed{\cdot}$ > **Action** ($\bigcirc$) > enter the name you want others to see when you send IM.

Phone Customization

Feature	Description
Use Phone Setting	Set options like **Call Barring** (block incoming/outgoing calls), **Call Forwarding** (transfer all/selected calls to another number), **Call Options** (change phone numbers, such as your voicemail/ SMS service center, answer incoming calls by pressing any key), **Call Waiting**, **Caller ID** (let your identification be known to all callers/ only your contacts/no callers), **Channels** (configure cell broadcast), **Fixed Dialing** (limit your calling area to 1 or more specific phone numbers/ area codes), and **Networks** (identify your current network and change your network selection): **Start** ⬚ > **Settings** > **Phone**
Use Sound Setting	Customize the sounds for ring tones, notifications, and reminders: **Start** ⬚ > **Settings** > **Sounds**

Feature	Description
Use Your Own Sound	Use your own sound for ring tones/ notifications/reminders: Copy the sound file on your PC > connect your phone to the PC > open **ActiveSync** on your PC, click **Explore**, double-click **My Smartphone**, double-click **Storage**, double-click **Application Data**, double-click **Sounds**, paste the sound file into the **Sounds** folder (create a **Sounds** folder, if necessary) > on your phone's Home screen, press **Start** ⬚ > **Settings** > **Sounds**, scroll to a desired option to customize, press ⬚ left/right to select the sound file, press **Done** ⬚ .

Feature	Description
Use Profile	Configure how your phone notifies you about an incoming call/approaching appointment/arriving message: Start □ > Settings > Profiles > scroll to a desired profile > press Menu □ > Action (○). **Tip:** When a headset/car kit is plugged into your phone, the Headset/Car profile is used automatically. The Speakerphone profile is automatically selected when you activate the speakerphone in a call.
Customize Home Screen	Change the Home screen layout/color scheme/background image/time delay in the idle display: Start □ > Settings > Home Screen

Phone Features

Feature	Description
Use Your Own Image	Use your own image for the Home screen: Copy the image file (with a 176x200 screen resolution for best results) on your PC > connect your phone to the PC > open **ActiveSync** on your PC, click **Explore**, double-click **My Smartphone**, double-click **Storage**, double-click **Application Data**, double-click **Home**, paste the image file into the **Home** folder (create a **Home** folder, if necessary) > on your phone's Home screen, press **Start** ⬚ > **Settings** > **Home Screen**, under **Background image**, press ⬚ left/right to select the image file, press **Done** ⬚ .
Change Regional Setting	Change the language, date, time style of the phone, and number and currency formatting options: **Start** ⬚ > **Settings** > **More** > **Regional Settings**
Set Font Size/ Time-Out/Alert Volume	Configure the system font size, **Multi-Tap** and confirmation time-out, and in-call alert volumes: **Start** ⬚ > **Settings** > **Accessibility**

Feature	Description
Use Advanced Phone Setting	Customize flip answer on or off control, display style, and screen contrast: Start ⊡ > Settings > More > More > Phone Settings
Remove Program	Remove programs installed on your phone, with the exception of core programs that came with the phone: Start ⊡ > Settings > More > Remove Programs **Tip:** If you accidentally remove a program from your phone, you can find it on the companion CD to reinstall.
Use Favorites Manager	Change the position of applications to be shown on the Start list: Start ⊡ > More > Favorites Manager > select an application > press ⊙ up/down to move the application to a desired position > press **Action** (○).

Phone Features

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Advanced Features

Feature	Description
Make Conference Call	Join together all existing calls to make a conference call from the Home screen: Enter a phone number for the 1st call > press **Send** 📞 > enter a phone number for the 2nd call > press **Send** 📞 > **Menu** 🔲 > **Conference**. **Note:** The 1st call is automatically put on hold when the 2nd call is active. **Tip:** To break 1 call out of a conference and make this call active (while the rest is on hold), press **Menu** 🔲 > **Private** > scroll to a desired call > **Action** (○). Press **End** 📞 to end the active call.
Monitor Phone Use	Keep track of your calling patterns, to help you choose a calling plan or estimate your monthly billing: **Start** 🔲 > **Call History** > **Menu** 🔲 > **View Timers**

Phone Features

Feature	Description
Open Application with Speed Dial	Assign an application with a speed dial entry; then press and hold 1 or 2 keys (entries from 2-99) from the Home screen to quickly launch it: **Start** `⬜` > scroll to a desired application > press **Menu** `⬜` > **Action** (○) > select a speed dial entry under **Keypad assignment** > press **Done** `⬜` .
	Tip: To launch an application with 2 speed dial digits, press the 1st digit; then press and hold the 2nd digit.
Open Application by Voice	Launch an application by speaking a word from the Home screen: Press and hold ⬆ up to open **Speech Recognition** > say the name of the application you want to open preceded by **Open** (for example, saying "Open Calendar").
	Note: The voice recognition application works only via the phone directly or a wired headset attached to the phone, but not with a Bluetooth headset.

Phone Features

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Feature	Description
View Contact Card by Voice	View a contact card saved in **Contacts** by voice from the Home screen: Press and hold ⬍ up to open **Speech Recognition** > say **Name Lookup** > say the name exactly saved in your contacts list.
Use Speech Recognition Settings Menu	Set options like **Application Launcher** (customize the list of applications that can be opened by voice), **Sensitivity** > **Commands** (let your phone easily or seldom recognize your commands), **Sound** > **Name Settings** > **Speed** (initiate your commands faster or slower), and **Choice Lists** > **Name Lookup** > **Always On** (review and confirm names before your phone retrieves contact information) from the Home screen: Press and hold ⬍ up to open **Speech Recognition** > **Settings**.

Phone Features

Feature	Description
Use File Viewer	**File Viewer** allows you to view the documents attached, locally stored, or stored on your storage card without any file-conversion or loss of content. It supports most common desktop document formats (including PDF, Word, Excel, PowerPoint...) and significant image formats (such as JPEG, GIF, PNG...). By default, Microsoft ActiveSync converts documents that it recognizes to simpler formats. With **File Viewer**, this is not necessary. Before you synchronize emails or copy files to your phone for the 1st time, you should disable this conversion, or you will not be able to open the email attachments or copied files with **File Viewer**. Go to the ActiveSync **Tools** > **Options** on your computer, then to the **Rules** tab, and click on **Conversion Settings**. Uncheck "**Convert files when synchronized, copied or moved**"; then click on **OK** in each dialogue box. View a document on your phone: **Start □ > More > File Viewer** > press

Feature	Description
	⌖ to scroll to a desired folder > press **Action** (○) to select the folder > press ⌖ to scroll to a desired folder or file > press **Action** (○) to select the folder or file (repeat those steps until your desired file is found). Press **Action** (○) to launch the document zooming mode with 🔍 displayed in the bottom right corner of the screen > press ⌖ up/right or down/left to zoom the selected file in or out (press and hold ⌖ to continuously magnify or minify the size of the selected document). Press **Action** (○) to switch to the document scrolling mode with 📄 displayed in the bottom right corner of the screen > press ⌖ up/down/left/right to view the different part of the selected file (press and hold ⌖ to continuously move the page in the desired direction).

Phone Features

Feature	Description
	You may also press **Hide Mode** to keep or from displaying on the screen.
	Note: Whether your phone is equipped with **File Viewer** is subject to your service provider.
	Tip: To send emails with attachments, press **Start** > **More** > **File Manager** > scroll to the file you want to send > press **Menu** > **Send& Receive** > **Send by E-mail**.
Use File Viewer Menu Options	Use the context-sensitive menu for folders or files:
	• **Document View/Folders**: Switch between the document you are viewing and the entire file structure. To go to the folder above, tap the **Up directory** icon in the corner.
	• **Page**: Rotate the screen, fit the size of the file to the width of the screen (which may leave blank areas depending on the aspect ratio), or move to the page of the selected document you want to view.

Phone Features

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Feature	Description
	• **Favorites**: Add the selected document to the Favorites list where it will be displayed as a thumbnail image or remove a desired document from the Favorites list by pressing **Add/Delete** ⬚ .
	• **History**: Display the file(s) you have viewed. Press **Action** (○) to open files directly from the History list.
	• **Settings**: Define how long you want the files stored on the History list or clear the history records immediately. You can also select file types to associate with **File Viewer**, learn how to use **File Viewer** and view the details about it.
	• **Close**: Exit from **File Viewer**.

Feature	Description
Use Keypad to Replace File Viewer Menu Options	Use the keypad to zoom pages in or out, view different parts of pages, navigate among pages, rotate pages and fit the size of pages to the width of the screen:

- $\boxed{1_\infty}$: Go to the previous page of the selected document.

- $\boxed{2_{abc}}$: Scroll the page you are viewing up.

- $\boxed{3_{def}}$: Go to the next page of the selected document.

- $\boxed{4_{ghi}}$: Scroll the page you are viewing left.

- $\boxed{5_{jkl}}$: Rotate the page you are viewing 90 degrees counterclockwise/clockwise.

- $\boxed{6_{mno}}$: Scroll the page you are viewing right.

- $\boxed{7_{pqrs}}$: Go to the 1st page of the selected document.

- $\boxed{8_{tuv}}$: Scroll the page you are viewing down.

- $\boxed{9_{wxyz}}$: Go to the last page of the selected document.

Feature	Description
	• 🔟 : Fit the size of the page you are viewing to the width of the screen.
	• ✳️ : Zoom the page you are viewing in.
	• #️ : Zoom the page you are viewing out.
Use File Manager	Manage files and folders in your phone: **Start** 🔲 > **More** > **File Manager** **Tip:** It operates in 2 major views, **Tree View** (displays the entire file structure in the phone memory and focuses on folder management) and **List View** (displays the details of selected folder (its sub-folders and files) and is basically file-oriented). Select a file or folder you want to operate on and press **Menu** 🔲 to select a command. Press **Action** (○) to run the selected file.

Feature	Description
Make Data Call	Set up General Packet Radio Service (GPRS), dial-up, Virtual Private Network (VPN), and proxy connections so you can connect to the Internet or your corporate/work place network. With a data connection, you can browse the Web, download email, chat using **MSN Messenger**, and synchronize wirelessly with server: **Start** $\square$ > **Settings** > **More** > **Data Connections** > **Menu** $\square$ > **Edit Connections** > **Dial-up Connections/VPN Connections/Proxy Connections/GPRS Connections** > **Menu** $\square$ > **Add**
	Tip: Your phone has already been configured to allow you to browse and chat. Contact your Information Technology (IT) manager for more information. In addition, a GPRS connection accesses the Internet/ MMS network/(secure) WAP network/corporate network by using an access point your service provider provides.

Phone Features

Feature	Description
Use Resource Manager	Manage your phone's system resources: **Start** ⬛ > **More** > **More** > **Resource Manager** > **Menu** ⬛ **Tip:** It consists of two features: **Task Manager** (lists all applications currently running on your phone and you can easily activate any currently running application, terminate applications, and refresh the list of currently running applications) and **Space Manager** (lists all emails, SMS messages, voice notes, speed dials, and call history stored on your phone's flash memory and you can easily delete any file and refresh the amount of free flash memory).

Synchronization with ActiveSync[a]

Use Microsoft[a] **ActiveSync** to synchronize information on your desktop computer/a Microsoft Exchange Server[a] with the information on your phone. **ActiveSync** compares your phone's information with the information on the desktop computer/server, and then updates all locations with the most recent information. For more information about synchronization, see **ActiveSync Help** on the desktop

computer.

ActiveSync is already installed on your Motorola MPx220. You have to install **ActiveSync** (3.7.1 or later) on your PC using the companion CD or download from the Microsoft web site (http://www.microsoft.com). After the installation, the wizard starts to create a partnership between your phone and PC. Connecting to a company server requires assistance from an IT professional.

Feature	Description	
Use ActiveSync	Connect your phone to your PC using the infrared port or USB data cable before synchronization:	Optional Accessory
	Start ⦿ > ActiveSync > Sync ⦿	

Feature	Description
Synchronize Remotely with PC	Synchronize remotely with your computer: Start ⌨ > ActiveSync > Menu 🔘 > Action (○) > PC Settings **Tip:** To synchronize remotely with a desktop computer, turn on the computer 1st.
Synchronize Remotely with Server	Synchronize remotely with a server: Start ⌨ > ActiveSync > Menu 🔘 > Action (○) > Server Settings
Create Schedule to Sync with Server When Your Phone Is Connected to PC	Create a server synchronization schedule so that your information is automatically synchronized with the server at specified time intervals: Start ⌨ > ActiveSync > Menu 🔘 > Action (○) > Server Settings > Connection > Menu 🔘 > Rules
Create Schedule to Sync with Server When Your Phone Is Not Connected to PC (Sync Wirelessly)	Create a server synchronization schedule so that your information is automatically synchronized with the server at specified time intervals: Start ⌨ > ActiveSync > Menu 🔘 > Action (○) > Mobile Schedule

Phone Features

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Feature	Description
Sync over Infrared	Use an infrared connection to quickly create a direct connection between your phone and another mobile device/desktop computer: Start ☐ > ActiveSync > Sync ☐ **Tip:** Align your phone to your PC or mobile device when using an infrared connection.
Exchange File between Your Phone and PC	With **ActiveSync**, you can exchange files between your phone and desktop PC: Connect your phone to your PC > on your PC, open **ActiveSync**, click **Explore**, in **Windows Explorer**, browse to the file that you want to copy to your phone/PC, right-click the file, select **Copy**, place the cursor in the desired folder, right-click, select **Paste**.

Feature	Description
Beam Contact Card/ Appointment	Use your phone's infrared port to send and receive (beam) contact cards/appointments between your devices: **Start** 🔲 > **Contacts/Calendar** > scroll to a desired contact card/select an appointment > press **Menu** 🔲 > **Beam Contact/Beam Appointment** > select an IR device your phone searches in it's range > press **Beam** 🔲 . **Tip:** To beam information over IR, align the infrared ports so that they are unobstructed and within close range of each other.
Receive Beamed Information	Use your phone's infrared port to send and receive (beam) contact cards/appointments between your devices: **Start** 🔲 > **Settings** > **Beam** > press 🔘 to check **Receive incoming beams** > press **Done** 🔲 .

Phone Features

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Bluetooth[a] *Connection*

Feature	Description
Create Partnership from Your Phone with Bluetooth Device	Create a partnership from your phone with a Bluetooth device: Start ⬚ > Settings > Bluetooth > Menu ⬚ > Devices > Menu ⬚ > New > scroll to the Bluetooth device you want to pair with > press Add ⬚ > enter the same PIN both on your phone and on the Bluetooth device > press Done ⬚ .
	Tip: When your phone is creating a bond with a device that has headset or handsfree capabilities, you are notified through the dialog boxes to set up that device as your Bluetooth headset or handsfree by pressing Yes ⬚ . When you are on a call using your Bluetooth headset, you can transfer audio to your phone's earpiece by using the menu options. If you want to transfer audio again to the headset, push the headset hardware button.

Feature	Description
Accept Partnership from Your Phone	On a Bluetooth device, you can configure a partnership with your phone: **Start** 🔘 > **Settings** > **Bluetooth** > under **Bluetooth**, press ⌖ left/right to select **Discoverable** (the Bluetooth radio turns on and makes your phone discoverable for 3 minutes) > on the Bluetooth device, select your phone and attempt to pair with it > enter the same PIN both on your Bluetooth device and on your phone to create the partnership. **Tip:** The partnership is created. Your phone can now be used as a data modem. The phone automatically becomes a data modem over Bluetooth if a paired device attempts to connect to it.

Phone Modem

Use your phone as an external modem for another device by using an infrared or USB connection. Download the USB driver to your C: drive from the Motorola MPx220 companion CD. Your computer should automatically add the Motorola MPx220 as a new modem device.

The **Smartphone 2003 Wireless USB Modem** should now be properly listed in the **Device Manager** window.

Feature	Description
Activate Modem Link	Select the USB or infrared connection for your phone to link with another device: Disconnect your phone from another device (if you use the USB connection) > on the Home screen, press **Start** 🔲 > **More** > **More** > **More** > **Accessories** > **Modem Link** > under **Connection**, press 🔵 left/right to select **USB/IrCOMM** > press **Menu** 🔲 > **Activate** > connect your phone to your computer with the USB data cable or infrared port.
Deactivate Modem Link	End the USB or infrared modem connection: **Start** 🔲 > **More** > **More** > **More** > **Accessories** > **Modem Link** > **Menu** 🔲 > **Deactivate** **Note:** Deactivate the modem link when you are finished using it in order to avoid potential problems when using **ActiveSync** in the same session.

Feature	Description
Query Modem	A modem query is necessary to establish a PC and modem connection: On your computer, click on **Start** > **Settings** > **Control Panel** > **System** > **Hardware** > **Device Manager** > **Modems** > in the **Device Manager** window, double click on **Smartphone 2003 Wireless USB Modem** > select the **Diagnostics** tab, click **Query Modem**. **Note:** If the PC and modem connection is not established in approximately 30 seconds, **ActiveSync** will take over the USB port.
Add Initialization String	Add an extra initialization string to **Modem Properties** (change APN as needed) after querying the modem. An extra initialization string is needed on your ph3one for setting up the GPRS server configuration: On your computer, click the **Advanced** tab in the **Modem Properties** dialogue window > type in your initialization string and change the APN name as needed (for network's initialization string, use: **+CGDCONT=1,"IP","apnname","",0,0**).

Phone Features

Feature	Description
Add Dial-up Connection	Add a new dial-up connection: From the **Control Panel** select **Network and Dial-up Connection** > double click **Make New Connection**, click **Next** > select **Dial-up to Internet**, click **Next** > from the **Internet Connection Wizard** select **Internet Connection Manually**, click **Next** > select **Connect Through Phone Line and Modem** > from modem selection, select **Smartphone 2003 Wireless USB Modem**, click **Next** > under **Telephone Number** type the codes your network administrator provides, uncheck area codes and dialing rules, click **Next** > fill in the **User Name** and **Password**, click **Next** > type in connection name (i.e., Smartphone USB Cable GPRS), click **Next** > select **No**, select **Next**, click **Finish**.

Phone Features

Feature	Description
Connect to GPRS Network	Connect to the GPRS network: Open the newly created dial-up connection > click **Properties**, verify **Smartphone 2003 Wireless USB Modem** is selected > click **Configure**, ensure all hardware features are selected as shown above > click **OK**, click **OK** > click **Dial**. You are GPRS connected when the dial-up dialogue window changes to an icon in your icon tray.

Personal Organizer

Manage and keep track of contacts and appointments, maintain a "things to do" list and use the calculator.

Feature	Description
Create New Contact Card	Create a new contact card in your contacts list: **Start** ⊡ > **Contacts** > **New** ⊡ **Tip:** If a contact card includes a work phone number (**w**), your phone will automatically set it as the default communication method. The contact cards along with the icon 📇 are the entries stored on your SIM card. To view a contact card, press **Start** ⊡ > **Contacts** > scroll to a desired one > press **Action** (○).

Feature	Description
Create New Appointment	Create a new appointment in your calendar list: Start ⌷ > Calendar > Menu ⌷ > Action (○) **Tip:** To view an appointment, press Start ⌷ > Calendar > scroll to a desired one > press Action (○). Use the menu options and view your schedule in 3 different views: **Agenda View** (default view, which displays appointments scheduled for current day), **Week View** (shows schedule for the specified week, allowing you to get a quick indication of your free and busy time and to create an appointment at a selected time easily), and **Month View** (provides an overview of your monthly schedule. Arrow indicators pointing up represent morning appointments; arrows pointing down represent afternoon appointments; a hollow box indicates an all-day event; a solid box indicates you have morning and afternoon appointments; and a solid box surrounded by a hollow box indicates you have morning and afternoon appointments plus an all-day event).

Phone Features

Feature	Description
Create New Task	Create a new task in your tasks list to track a project from beginning to completion: Start $\boxed{\cdot}$ > **More** > **More** > **Tasks** > press $\bigodot$ up to select the **Enter new task here** field. **Tip:** Press **Complete** $\boxed{\cdot}$ or **Activate** $\boxed{\cdot}$ to mark a task as complete or incomplete. A task can occur once or repeatedly. A recurring task can repeat at regular intervals or repeat based on the date you mark the task as complete. A task followed by an exclamation mark indicates high priority and a task with a down arrow is marked as low priority. Overdue tasks display bold and red. Completed tasks display with the corresponding check box selected.

Phone Features

Feature	Description
Create New Voice Note	Create a new short voice recording: Start ⌑ > More > More > Voice Recorder > hold your phone's microphone near your mouth > press Record ⌑. **Tip:** On the Home screen, press and hold ∫ down to quickly open Voice Recorder. The length of time to record a voice note depends on the remaining phone storage. To play a voice note, press Start ⌑ > More > More > Voice Recorder > scroll to a desired one > press Action (○).
Use Calculator	Perform standard operations for which you would normally use a handheld calculator: Start ⌑ > More > More > More > Accessories > Calculator **Tip:** Press ⌗ to select a mathematical symbol; press ⁎ to enter a decimal point; and press Action (○) to perform the calculation. You can also press ⊕ up for the plus sign (+), down for the minus sign (-), left for the division sign (/), and right for the multiplication sign (x).

Security

Feature	Description
Lock Keypad	Prevent accidental key presses and you still can receive calls and make emergency calls: Press and hold **End** ⌷ from the Home screen.
Unlock Keypad	On the Home screen: **Unlock** ⌷ > ⌷
Lock Phone	Prevent access to personal data and you still can receive calls and make emergency calls: Press and hold **Home** ⌷ from the Home screen > select **Device lock**.
Unlock Phone	On the Home screen: **Unlock** ⌷ > enter your password > press **Unlock** ⌷ .
Turn Phone Lock Off	Turn the phone lock function off: **Start** ⌷ > **Settings** > **More** > **Security** > **Disable Phone Lock**
Lock SIM Card	Prevent others from using your phone until the correct password is entered and you still can make emergency calls: **Start** ⌷ > **Settings** > **More** > **Security** > **Enable SIM Lock**

Phone Features

Feature	Description
Unlock SIM Card	Unlock your SIM card: Start ⬜ > Settings > More > Security > Disable SIM Lock

News and Entertainment

Feature	Description
Take Picture Using Normal Mode	Capture images and store them in your phone/memory card: Start ⬜ > More > Camera > press ⬡ up/down to zoom in/out > press ⬡ left/right to decrease/increase the brightness > press Capture ⬜ / Action (○)/ ⬛ to take pictures > press Menu ⬜ > Action (○) to save pictures in Start ⬜ > More > PhotoAlbum. **Tip:** The Normal mode is selected as the default when you launch Camera. You may press ⬛ to take pictures when the flip is closed and the external viewer is used.

Feature	Description
Take Picture Using Timer Mode	Capture images and store them in your phone/memory card: Start ⬜ > More > Camera > Menu ⬜ > Mode > Timer > Start ⬜ > Menu ⬜ > Action (○) to save pictures in Start ⬜ > More > PhotoAlbum **Tip:** There is a delay before the photo is taken. Your phone will beep for each second of the countdown (which can be adjusted in Menu ⬜ > Settings > Self-imaging Timer).
Take Picture Using Burst Mode	Capture images and store them in your phone/memory card: Start ⬜ > More > Camera > Menu ⬜ > Mode > Burst > Start ⬜ > Stop ⬜ to save pictures in Start ⬜ > More > PhotoAlbum
Take Self-Shot	Take a shot of yourself and store it in your phone/memory card: Start ⬜ > More > Camera > close the phone flip and use the external viewer to capture images > press 🔘 to take your picture > open the phone flip > press Menu ⬜ > Action (○) to save the picture in Start ⬜ > More > PhotoAlbum.

Feature	Description
Use Menu Options Before Taking Picture	Before taking pictures, use the menu options to switch between 3 modes, customize the settings menu, view photos you took, and create video clips: Start ⬜ > More > Camera > Menu 🔲
Use Settings Menu Before Taking Picture	Before taking pictures, use the settings menu to choose a shooting condition, define the resolution, select a folder to save photos, keep files under **100KB** (or place no constraint at all), conserve power, enter in a prefix to save as the file name, include an overlay of the date on photos, select a contrast/hue/saturation for the viewer, set a timer duration for use in taking delayed photos while in **Timer**, and set a maximum number of images that can be taken at a time while in **Burst**: Start ⬜ > More > Camera > Menu 🔲 > **Settings**

Feature	Description
Use Menu Options After Taking Picture	After taking pictures, use the menu options to save the photo, send an MMS message with the photo attached, set the photo as your wallpaper, and set the photo as Caller ID to a contact (the photo displays when you receive the call): Start 〔・〕 > More > Camera > Capture 〔・〕 > Menu 〔・〕 **Tip:** For **Apply as Wallpaper**, choose either **Fit in** or **Best fit**. The former displays the entire photo, which may leave blank areas depending on the aspect ratio. The latter crops the photo and fills it entirely on the screen.
Manage Picture Using Album Mode	View and edit your photos, play a slide show, attach photos to contacts (Caller ID), detach photos from contacts, and send photos: Start 〔・〕 > More > PhotoAlbum > highlight a photo > press Menu 〔・〕. **Tip:** The **Album** mode displays thumbnail images of photos. To view a photo, press the corresponding number. Or, highlight a desired thumbnail > press Open 〔・〕.

Phone Features

Feature	Description
Manage Picture Using Single Photo Mode	Rotate and crop photos, add text/fun images/comical frames to photos: Start `⊡` > **More** > **PhotoAlbum** > highlight a desired thumbnail > press **Open** `⊡` > **Menu** `⊡` . **Tip:** The **Single Photo** mode displays each photo on the screen. Press `⌁` to display the previous/next photo in the current folder. If your photo does not fit entirely on the display when zooming, press `⌁` to scroll. For **Crop**, press **Action** (○) to toggle between **Move** and **Resize** (use `⌁` to move and resize the crop box) for ease of use. For **Add Clip Art**, press `⌁` to rotate images.

Feature	Description
Create Video Clip	Record video clips with or without audios: Start ⬚ > More > More > More > Accessories > Video Camera > press ⬚ left/right to decrease/increase brightness level > press Record ⬚ > Pause ⬚ (if necessary) > Stop ⬚ > Save ⬚ to save your recording in Start ⬚ > More > More > More > Accessories > Player. **Tip:** Press Action (○) to toggle between Record and Pause.
Customize Video Camera	Turn audio capture on or off, select a storage location, adjust the recording contrast/brightness/quality value, specify maximum file size, select the default file name, and enter in necessary information: Start ⬚ > More > More > More > Accessories > Video Camera > Menu ⬚ > (Settings)

Feature	Description
Play Video Clip Saved in Your Phone/ Memory Card	Play recorded clips directly from your phone or memory card: Start ⬜ > More > More > More > Player **Tip:** For best results and performance, store clips on your storage card instead of the phone memory. While the clip is playing, press and hold ⬭ left/right to reposition forward/backward in the clip. A single movement to the left or right position will reposition the clip to its end or beginning.
Play Streaming Clip from Web Site	Simultaneously download and play streaming clips from a Web site: Start ⬜ > Internet Explorer > Menu ⬜ > Address Bar > enter in a Web address > press Go ⬜ > scroll to a desired stream > press **Action** (○). **Tip:** You can play a stream/clip directly from a link in emails by scrolling to a desired link > pressing **Action** (○).

Feature	Description
Manage Clip/ Stream	Play and pause a clip or stop a stream, edit a URL to link with, rename/delete/move a clip, send an MMS message with a clip attached, and control the amount of data that is stored in your phone before playback begins (increasing the media buffer may improve the consistency of your viewing experience, but will increase the time before the playback starts): **Start** ⬚ > **More** > **More** > **More** > **Player** > **Menu** ⬚ **Tip:** To clear the last download clip from your phone's cache memory, press **Start** ⬚ > **More** > **More** > **More** > **Player** > **Menu** ⬚ > **Options** > **Menu** ⬚ > **Clear Cache**.

Phone Features

Feature	Description
Browse Web Using Internet Explorer®	Connect to a favorite Web page: Start ⊡ > Internet Explorer > scroll to a desired favorite > press Go ⊡ . **Tip:** While you are connected to the Internet, to change to other programs on your phone, press Home ⌂ . This will not close your Internet connection. To go to the previous Web page in the same session, press Back ↩ . To disconnect from the Internet, press End ⌀ .
Edit URL to Link with	Edit a Web address and link to it: Start ⊡ > Internet Explorer > Menu ↩ > Address Bar > edit a URL > press Go ⊡ . **Tip:** To specify how Web pages display, press Menu ↩ > Layout.
View History	View a list of the most recently-visited Web pages: Start ⊡ > Internet Explorer > Menu ↩ > Address Bar > View History > Go ⊡

Feature	Description
Update Web Page	Update the Web pages you visited: Start ⊡ > Internet Explorer > Menu ⊡ > Refresh
Add Favorite	Add the current Web page to your Favorites list for quick access: Start ⊡ > Internet Explorer > Menu ⊡ > Add Favorite **Tip:** To open your Favorites list when you are viewing a Web page, press Menu ⊡ > Favorites. To create a new folder in your Favorites list, press Menu ⊡ > Add Folder.
Customize How Web Pages Are Downloaded and Displayed	Change the way Web pages are downloaded and displayed: Start ⊡ > Internet Explorer > Menu ⊡ > Options > General
Change Network Connection	Change your network connection: Start ⊡ > Internet Explorer > Menu ⊡ > Options > Connections
Clear Cache	Clear your temporary Internet files, cookies, and Web history: Start ⊡ > Internet Explorer > Menu ⊡ > Options > Memory

Phone Features

Feature	Description
Play Media File in Your Phone/ Memory Card	Play media audio/video files and MP3 files stored on your phone or memory card: Start ⌐⌐ > More > More > Windows Media **Tip:** Press ◉ left to skip to the beginning of the current file and press left twice or right to skip to the previous or next file. Press ◡ up/ down to increase/decrease the volume.
Play Streaming Media File from Web Site	Play streaming media files from a Web site: Start ⌐⌐ > More > More > Windows Media > Menu ⌐⌐ > Open URL > enter in a Web address > Play ⌐⌐ .
Use Windows® Media Menu Options	Display the **Local Content** playlist or **Favorites** playlist, add the current file to the **Favorites** playlist, adjust the volume, play files randomly (**Shuffle**), play files repeatedly, and stop playback while using another program (**Background play**): Start ⌐⌐ > More > More > Windows Media > Menu ⌐⌐ **Tip:** To quickly access the **Local Content** screen, press **Playlist** ⌐⌐ .

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Feature	Description
Use and Manage DRM (Digital Rights Management)-Protected Content	DRM-protected media (images, video clips, audio files, and ring tones) is copyrighted content with a license that limits file sharing and usage. DRM-protected content is typically purchased and downloaded from commercial Web sites to your phone. A phone feature that is "DRM-aware," such as **PhotoAlbum** and **Video Player**, will allow you to view or play DRM content exactly as you would unprotected files. DRM content is protected in one or both of the following ways:

- You may not be able to share a DRM-protected file to a friend.

- You may be able to use the content for a limited number of plays or during a limited time period. You will often choose these limitations at the time of purchase.

Notes:

- If you are using a feature that is not DRM aware, you will see a message that the media cannot be accessed.

Feature	Description
	• **Windows Media** is NOT capable of accessing DRM engine and playing DRM content (it uses a proprietary DRM protection scheme and engine).
Send or Receive DRM Materials	To send or receive DRM-protected content, you can use the Infrared (IR), MMS, or Bluetooth feature on your phone. When sharing DRM-protected content, the perceiver of the content will be prompted to obtain a license and will be directed to the appropriate Web site.
Manage DRM Limitations	When accessing a media file that has DRM limitations, you may encounter an error message indicating the rights to the materials are no longer valid or are locked. To resolve, access the relative Web site and renew your access to the materials in question.
	Use **Media Center** to manage and exchange DRM-protected content. **Media Center** allows you to quickly identify all content files with DRM limitations. These files can either be deleted or renewed as appropriate.

Phone Features

Feature	Description
Use Media Center	**Note:** Users must invoke **Media Center** for the 1st time (only once) in order to synchronize the Internet time with the phone time. This is necessary to ensure that users are getting the correct expiration value of the downloaded DRM contents. When **Media Center** is invoked, it will request for an Internet connection to sync the time on the phone to ensure that the DRM contents have the appropriate expiration periods set, when users download them from the Web. View media files (unprotected as well as protected) and access license details for DRM-protected content files through **Media Center**. **Media Center** categorizes content by media type: Audio, Video, Image, & Ringtone.

Feature	Description
	Manage DRM content for a specific media type: **Start** ⊡ > **More** > **Media Center** > press ◯ to scroll to a desired media type > press **Action** (○) to select the media type > press ◯ to scroll to view the list and select a content file to manage > press **Menu** ⊡ to open the options menu.

Note: Each file in the list is marked with an icon that lets you see at a glance the rights status of the content file associated with each media object. The six status markers are:

- Not a DRM object 📄
- Rights are valid 🟢 (in green)
- Rights are pending 🕒
- Rights are about to expire 🟡 (in yellow)
- Rights are expired and cannot be renewed 🚫
- Rights are expired and can be renewed 🔴 (in red)

Feature	Description
Use Media Center Menu Options	The options menu provides a list of management options. The list is context-sensitive, providing you with only those options relevant to the chosen content file:

- **Send As...**: Transfer the file to another remote device using either the Bluetooth wireless protocol or Infrared (IR).

  Note: Use this option for both protected and unprotected content.

- **Renew Rights**: Launch **Internet Explorer** and go directly to a URL address where you can renew the rights for the content file.

- **Show Rights**: View specific details concerning the rights for the content file.

- **Delete File**: Delete the content file and any licenses associated with it.

- **Set as Ring Tone**: Specify the content file as the default ring tone for your phone (this option is available only for **Ringtones**).

Phone Features

Feature	Description
	Note: You may encounter DRM (Digital Rights Management) issues when attempting to access protected content that doesn't have proper rights. This will happen when you are using device applications, such as **PhotoAlbum** to manage your pictures, **Video Player** to play video clips, and file-sending tools such as IR, MMS, or Bluetooth. Each error message indicates the following:

- **No valid rights**: the content has no rights or expired rights that cannot be renewed
- **No valid rights. Renew?**: no valid rights exist, but new rights can be acquired
- **Can't read file**: device application may not be DRM-enabled
- **Content is forward locked**: content cannot be re-distributed

To resolve, see "Use and Manage DRM (Digital Rights Management)-Protected Content" on page 101.

Feature	Description
Play Jawbreaker	Have balls (more than 1) in the same color deleted from the screen (the fewer balls you leave behind, the more scores you get):
	Start ⬛ > **More** > **More** > **More** > **Games** > **Jawbreaker** > highlight the ball which is in the same color as the ball(s) around > press **Action** (○) twice.
	Caution: A very small percentage of individuals may experience epileptic seizures when exposed to certain light patterns or flashing lights. If you experience any of the following symptoms while playing a video game—dizziness, altered vision, eye or muscle twitches, loss of awareness, disorientation, any involuntary movement, or convulsions—IMMEDIATELY discontinue use and consult your physician before resuming play.

Feature	Description
Play Solitaire	Use all the cards in the deck to build up 4 suit stacks in ascending order, beginning with the aces (you win the game when all cards are on the suit stacks):
	Start ⊡ > **More** > **More** > **More** > **Games** > **Solitaire** > press the number or character above the card stack displaying the card you want to move > press the number or character above the card stack to which you want to move the card > move any aces on the 7 stacks to the 4 card spaces at the top of the screen (and make any other available plays) > when you have made all available plays, press **Draw** ⊡ to turn over cards.
	Tip: Press 🔘 up to move a card to one of the 4 card stacks on the upper right corner of the screen if it belongs there. For example, if you have an ace displayed in one of the 7 stacks, press the number above the ace; then press 🔘 up. The card that is faced up on the deck is always available for play.
Play Java Game	Play Java games on your phone: **Start** ⊡ > **More** > **Games & Apps**

Feature	Description
Download Java Game from the Internet	Download and install Java games onto your phone: Start ⊡ > More > **Games & Apps** > **Download** ⊡ > scroll to a desired favorite (or edit a Web address pressing **Menu** ⊡ > **Address Bar**) > press **Go** ⊡ > scroll to a desired Java game > press **Install** ⊡ > **Action** (○). **Tip:** To terminate the running Java game, press **End** ⌁.
Delete Java Game	Delete Java games except the preset ones: Start ⊡ > More > **Games & Apps** > scroll to a desired Java game > press **Menu** ⊡ > **Remove**.
Rename Java Game	Rename Java games: Start ⊡ > More > **Games & Apps** > scroll to a desired Java game > press **Menu** ⊡ > **Rename**.
Update Java Game	Update Java games using the stored information, such as the URL: Start ⊡ > More > **Games & Apps** > scroll to a desired Java game > press **Menu** ⊡ > **Update**.

Phone Features

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Feature	Description
Change MIDlet Setting for Java Game	Select required settings of Mobile Information Device applications (MIDlets) for Java games: **Start** 🔘 > **More** > **Games & Apps** > scroll to a desired Java game > press **Menu** 🔘 > **Options** > highlight a feature > press **Action** (○) > scroll to a desired option > press **Action** (○) > press **Save** 🔘 . **Tip:** Changes to permission settings for a MIDlet in a multi-MIDlet suite will affect the settings for the whole suite.
View Java Game Info	Display the size of Java games, version numbers, vendors, domains and URLs from which they were downloaded: **Start** 🔘 > **More** > **Games & Apps** > scroll to a desired Java game > **Menu** 🔘 > **Info**.

Feature	Description
View Java Info	The following are displayed on the **Java Info** screen: • **Connected Limited Device Configuration (CLDC) version number** • **Mobile Information Device Profile (MIDP) version number** • **Heapsize** • **SD Card free space** • **Phone storage free space** • **JSRs** **Start** ⊡ > **More** > **Games & Apps** > **Menu** ⊡ > **Java Info** **Note:** The heapsize does not reflect the memory installed, but the actual Jbed FastDAC heapsize setting.
Sort Java Game	Sort all the Java games on your phone: **Start** ⊡ > **More** > **Games & Apps** > **Menu** ⊡ > **Java Settings**
Turn Backlight On/Off	Turn the backlight on or off: **Start** ⊡ > **More** > **Games & Apps** > **Menu** ⊡ > **Java Settings**
Exit from Games & Apps	Exit from **Games & Apps**: **Start** ⊡ > **More** > **Games & Apps** > **Menu** ⊡ > **Exit**

Specific Absorption Rate Data

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.75 W/kg, and when worn on the body, as

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described in this user guide, is 0.88 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.56 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

`kwws=22zzz1skrqhfdcwv1qhw`

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

`kwws=22zzz1czwd1cd`

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Microsoft End User License Agreement

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