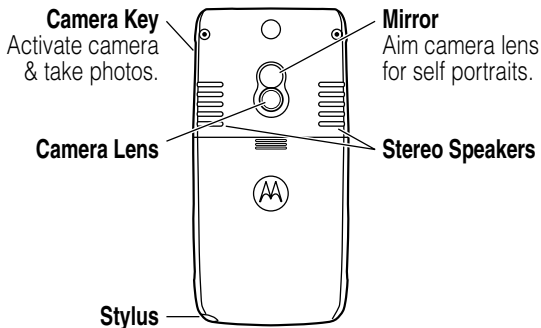# *Welcome*

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E680i GSM wireless phone.

Headset Jack

Phone Lock Switch

USB Connector

Up Volume & Right Game Key

Camera Key

Game Key "A"

Game Key "B"

Down Volume & Left Game Key

Touchscreen Display

Send Key
Make & answer calls.

Power & End Key
Turn phone on/off, end calls, return to main screen.

4-Way Navigation Key with Center Select

Game Card & Memory Card Slot

Stylus
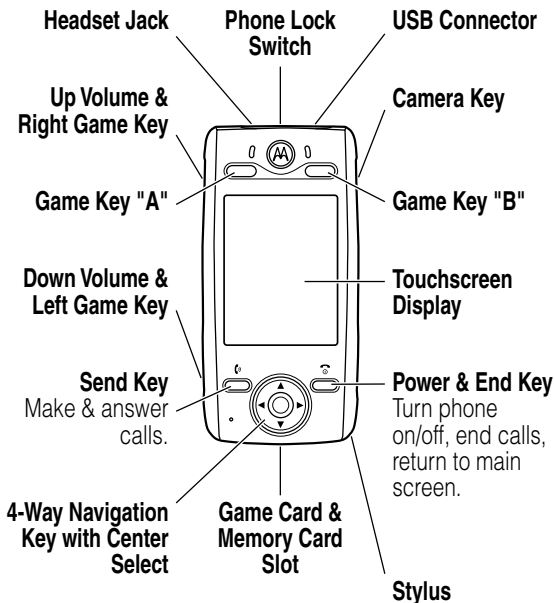
Note: Your phone may not appear exactly as shown above. All features and functions remain the same regardless of your phone's appearance.

Check It Out!

Camera Key
Activate camera & take photos.

Mirror
Aim camera lens for self portraits.

Camera Lens

Stereo Speakers

Stylus

Feature	Description
Take Photo	Press the camera key to activate the camera, point lens at subject, then press the camera key to take a photo.
Record Video	Press the camera key to activate the camera. Tap ☰, then tap **Record Video**. Tap **Record** to start video recording. Tap **Done** to stop video recording.
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds, and videos: Tap 💬, then tap **Compose**. Tap the *message type* pull-down menu, then tap **MMS**.

Network / Subscription Dependent Feature

Feature	Description
Read Multimedia Message	Read a missed multimedia message that you have received: Tap 🔳, tap ✉, tap ▶ to play.
Play Music or Video Clip	Play a song or watch a video clip stored on your phone: Tap 🎵 **Player**, tap ☰, then tap **Open**. Tap **File**, use the file manager to navigate to the desired file, then tap *filename* to play.
Bluetooth Wireless Connection	Set up a Bluetooth® wireless connection to a headset accessory, car kit, or external device: Tap 🟦 **Bluetooth**, tap ☰. Tap **Turn On**. Tap **Search** to locate the Bluetooth device.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

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for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Mobile Phone Tools Software Disclaimer

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Contents

Note:

The functions available on this mobile phone may vary in different regions and nations. Please contact your local customer service centers, agencies or retailers if you have any question about the mobile phone functions. Motorola reserves all rights to revise and change this user's manual without obligation to notify any person of such revisions or changes.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND
EFFICIENT OPERATION. READ THIS INFORMATION
BEFORE USING YOUR PHONE.[1]

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver.
When it is ON, it receives and transmits RF energy.
When you communicate with your phone, the system
handling your call controls the power level at which
your phone transmits.

Your Motorola phone is designed to comply with local
regulatory requirements in your country concerning
exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure
human exposure to RF energy is within the guidelines
set forth in the relevant standards, always adhere to
the following instructions.

External Antenna Care

If your phone has an external antenna, use only the
supplied or Motorola-approved replacement antenna.
Unauthorized antennas, modifications, or attachments
could damage the phone and/or may result in
non-compliance with local regulatory requirements in
your country.

Do NOT hold the external antenna when the phone is
IN USE. Holding the external antenna affects call
quality and may cause the phone to operate at a higher
power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline phone.

Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines.

If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 2.5 centimeters (1 inch) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 2.5 centimeters (1 inch) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

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

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an airplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 centimeters (6 inches) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimeters (6 inches) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road. Using a phone may be distracting in certain circumstances. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices can be found in the "Wireless Phone Safety Tips" at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorized staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Damaged Products

If your phone or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become hot. Take care when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original™ batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
⊛	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
⊠	Your battery or phone should not be thrown in the trash.
⊖ LiIon BATT ⊕	Your phone contains an internal lithium ion battery.

Choking Hazards

Your phone or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your phone and its accessories away from small children.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.

• Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

• Take a minimum 15-minute break every hour of game playing.

• If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.

• If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

1. The information provided in this document supersedes the general safety information in user's guides published prior to January 28, 2005.

European Union Directives Conformance Statement

$C\epsilon$ Hereby, Motorola declares that this product is in compliance with

•The essential requirements and other relevant provisions of Directive 1999/5/EC

•All other relevant EU Directives

IMEI: 350034/40/394721/9

$C\epsilon 0168$

Type: MC2-41H14 —————— Product Approval
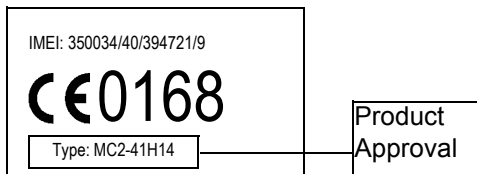
The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

Caring for the Environment by Recycling

When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

Getting Started

About This Guide

This guide describes the basic features of your Motorola wireless phone.

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. Contact your service provider for more information.

Optional Accessories

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

Optional Accessory

Installing the SIM Card

Your *Subscriber Identity Module* (SIM) card contains your phone number, service details, address book, and messages.

1 Press the battery door latch on your phone.

2 Slide the battery door down and lift it off the phone.

3 Slide the SIM card into the SIM card holder noting the orientation of the cut corner.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.
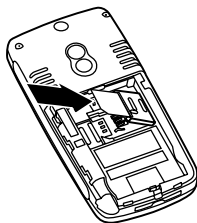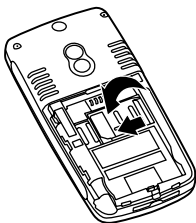
1.
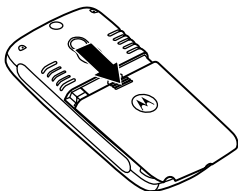
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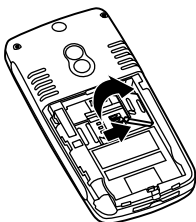
3.

4.

Installing a Memory Card

You can insert a *Secure Digital* (SD) memory card or *MultiMedia Card* (MMC) memory card into the game card slot on your phone, and use the memory card to store and retrieve multimedia objects (such as photos, videos, and MP3 music files).

Warning: Please do not bend or scratch the memory card, and nor allow it to touch static electricity, dust or dip in water.

Prompt: For the safety of the data in the memory card, before pulling out it, please press the status of the main screen, and click the options in SD/MMC card to **pop up.**

Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; accessory items attached to the phone; and your voice, data, and other application usage patterns.

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

- New batteries or batteries that have been stored for a long time may require a longer charge time.

- Maintain the battery at or near room temperature when charging.

- Do not 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.

- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Batteries gradually wear down and require longer charging times. This is normal. If you

charge your battery regularly and notice a
decrease in talk time or an increase in charging
time, then it is probably time to purchase a
new battery.

The rechargeable batteries that power
this phone must be disposed of properly
and may need to be recycled. Refer to
your battery's label for battery type. Contact your
local recycling center for proper disposal methods.

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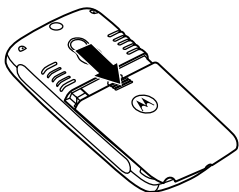because they may explode.

Installing the Battery

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

1 Press the battery door latch of your phone.

2 Slide the battery door down and lift it off the
phone.

3 Insert the bottom of the battery first and press it into place.

1.

2.
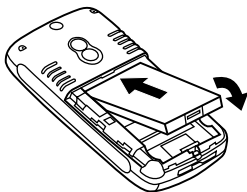
3.
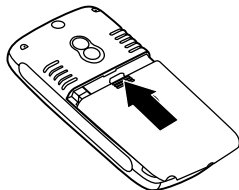
**4** Replace the battery door.

Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

1 Open the protective cover and plug the travel charger into the USB connector port on your phone as shown.

> **Note:** It may take up to 10 seconds for your phone to provide a visible or audible indication that the battery is charging.
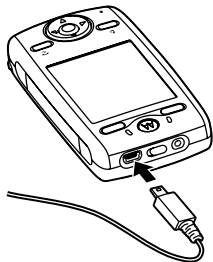
2 Plug the other end of the travel charger into the appropriate electrical outlet.

3 When your phone indicates **Charge Complete**, remove the travel charger.

Tip: You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.

Note: Not all PCs support this charging method.

Turning Your Phone On

1 Press and hold the
power key for 2 seconds
to turn the phone on.

2 If necessary, enter your
SIM card PIN code and
tap **OK** to unlock the SIM
card.
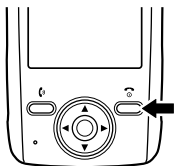
Caution: If you enter an incorrect PIN code 3
times in a row, your SIM card is disabled and your
phone displays **SIM Blocked**.

3 If necessary, enter your 4-digit unlock code and
tap **OK** to unlock the phone.

Note: If you do not insert a SIM card, your phone
displays **No SIM Card**. You can select **Antenna On** (to make
an emergency call) or **Antenna Off** (to play games or use
your phone's personal organizer features).

Turning Your Phone Off

Press and hold the power key for 2 seconds to turn
the phone off.

Adjusting Volume

Press the up or down volume keys to:

- turn off an incoming call alert

- increase or decrease earpiece volume during a call

- increase or decrease volume when you play an audio file or have the radio playing in the background
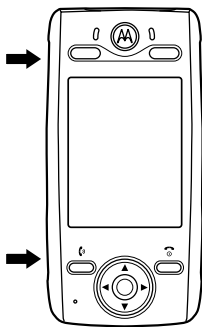
Making a Call

1 Tap ☏ in the top application selector bar to display the phone keypad.

2 Tap the keypad keys to dial the phone number.

3 Tap **Call** to make the call.

Alternatively, you can press the send key ☏ to make the call.

4 When you are finished, tap **End** to end the call.

Alternatively, you can press the end key ☏ to end the call.

Tip: Tap ⌨ to select a number from a list of recent received or dialed calls.

Answering a Call

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

1 Tap **Answer** to answer the call.

Alternatively, you can press the send key ⌕ to answer the call.

2 When you are finished, tap **End** to end the call.

Alternatively, you can press the end key ⌕ to end the call.

Tip: If you prefer not to answer the call, you can tap **Ignore** to hang up on the caller, or tap **Busy** to transmit a busy tone signal to the caller.

Viewing Your Phone Number

To view your phone number:

1 Tap 📞 in the global navigation bar to display the phone keypad.

2 Tap ☰ in the bottom button bar to open the phone menu.

**3** Tap **My Number** to view your phone number.

While you are on a call, tap ☰ and then tap **My Number**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 58. If you do not know your phone number, contact your service provider.

Locking and Unlocking Your Phone

You can lock your phone to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

- Slide the lock key to the **right** to lock the phone.

- Slide the lock key to the **left** to unlock the phone.
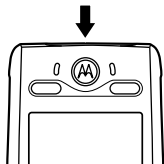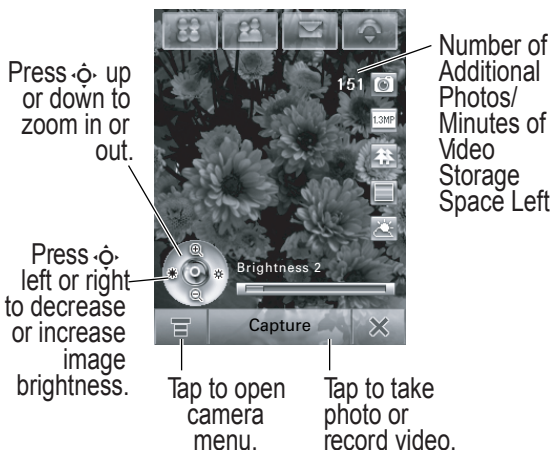
Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

Using the Camera

Shortcut: Press the camera key to activate the camera. Press the camera key again to take a photo.

The active viewfinder image appears on your display.

Press ⬙ up or down to zoom in or out.

Press ⬙ left or right to decrease or increase image brightness.

151 ◯
1.3MP

Brightness 2

Capture

Number of Additional Photos/ Minutes of Video Storage Space Left

Tap to open camera menu.

Tap to take photo or record video.

Using the Viewfinder

Point the camera lens at the photo subject. Press $\hat{\odot}$ as indicated to zoom in/out and adjust image brightness.

The icons on the viewfinder are active and can be used to change the most-used functions (image size, camera/video mode, effects mode, etc.)

The number in the upper-right of the viewfinder represents the number of additional photos, or the minutes and seconds of additional video, that can be stored in the current selected memory storage location.

Taking a Photo

Tap **Capture** or press the camera key to take a photo.

Tip: If the camera is in video mode, tap 🗐, then tap **Capture Photo** to put the camera in photo mode. The mode indicator in the corner of the viewfinder changes to 🖸 to show that the camera is in photo mode.

Recording a Video

Tap 🖸 to activate the camcorder video mode. The mode indicator in the corner of the viewfinder changes to 🎬 to show that the phone is in the camcorder video mode.

Tap **Record** to start recording a video. Tap **Done** to stop video recording.

Previewing a Photo or Video

When previewing a video, tap ▶ to play the video.

To delete a photo or video, tap **Delete**.

To save a photo or video, tap **Save**.

Adjusting Setup Options

Tap 🔳, tap **Setup**, then tap 📷 to open the camera setup menu.

You can set or adjust the following options:

Option	Description
Photo size	Set the **Size** of the photos you take.
Photo quality	Set the quality of the photo.
Default Name	Apply a date and time stamp, or specify a text prefix for the photos and videos you take.
Shutter sound	Set the shutter sound.
Save To	Specify the location where your photos/videos are saved.

Using the Delay Timer

Tap $\boxed{\equiv}$, then tap **Delay Timer** to activate the delay
timer. The timer indicator displays in the
upper-right corner of the viewfinder.

Tap **Start** to activate the timer. The timer counts
down from 5 seconds, and then takes a photo. You
can tap **Stop** to stop the timer at any time during the
countdown.

Tip: To take a self-portrait: Activate the timer, and
use the mirror to aim the camera lens.

Sending a Multimedia Message

A *Multimedia Messaging Service* (MMS)
multimedia message contains one or more
pages with text and embedded media
objects (including photos, pictures,
animations, sounds, voice records, and/or video
clips). You can send an MMS message to other
wireless phone users, and to email addresses.

To compose and send an MMS message:

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap **Compose**.

3 Tap the message type drop-down menu, then tap **MMS** to open the MMS message composition screen (shown at right).

4 Tap the screen and keyboard is displayed. Enter your text. When you are finished, tap the keyboard icon (in the lower right corner of the screen) to hide the text entry keyboard or pad.

5 Tap a button in the media toolbar at the bottom of the screen to insert media objects on the page or attach files to the message.

🖼	Tap to insert a picture, video, or new drawing on the page.
♪	Tap to insert a sound file or new voice record on the page.
📷	Tap to activate the **Camera**, take a photo, and insert it on the page.
📎	Tap to attach a contact, event, task, or file to the message.

37

6 To add a new page after the current page, tap ![icon]. Repeat steps 3 and 4 to enter contents for the new page.

7 To enter the message recipient(s), tap **To:** to select numbers or addresses from your address book, or tap the direct line in the **To:** field to enter a phone number or email address.

8 Tap **Cc**, **Bcc**, or **Subject** to enter additional recipients or a message subject. (Use the MMS menu, described below, to show or hide these fields.)

9 Tap **Send** to send the message.

When composing an MMS message, you can tap ![icon] to perform various operations on the message prior to sending it. The MMS menu can include the following options:

Option	Description
Load	Insert a quick page, quick text note, or auto-signature on the page.
Save To	Save the message to the **Drafts** folder, or save it as a quick page.
Page Duration	Set the number of seconds each page is displayed.
Preview	Preview the MMS message.

Option	Description
Show	Show or hide the **Cc**, **Bcc**, and/or **Subject** header fields. Use **Cc** or **Bcc** to carbon-copy or blind-carbon-copy the message to additional recipients. Use **Subject** to specify a subject for the message.
Send Options	**Receipt Request**: Request a delivery report or read report for the message.
	Expire After: Set the expiration time for an undelivered message.
	Priority: Set message priority.
	Send Later: Set a time and date for your phone to send the message.
Delete	Delete the current page, delete an object on the page, or delete the message.

Receiving a Multimedia Message

Your phone displays the ⁝ **Prompt** icon in the global navigation bar to notify you that you have received a new MMS message.

Tap ✉ to display message details (sender, subject, time, and size). Tap **Download** to download the message to your phone. Tap ↵ to return to the previous screen without downloading the message.

When you download an MMS message:

- Tap ✉ to display message details (sender, subject, time, and size).
- Tap ▶ to play the message.
- Tap **Reply** to send an MMS reply to the message.
- Tap 🔳 to perform various operations on the message. The received MMS message menu can include the following options:

Option	Description
Reply By SMS	Send an SMS reply to the message.
Save File	Save a media object in the message.

Option	Description
Save As Quick Page	Save the current MMS page as a quick page. You can insert the quick page into MMS messages that you compose.
Move To Folder	Move the message to another message center folder.
Delete Message	Delete the message.

Note: Options available may vary according to MMS received. Please refer to your phone for actuality

Using the RealPlayer

Your phone includes a Real Player that you can use to play audio and video files.

Tap 🎵 **Player** in the application launcher screen to launch the media player.

To play a media file, tap ☰, then tap **Open**. Tap **File** to play a media file stored on your phone, or tap **URL** to download and play a media file from a Web site.

In the media player window:

- Tap ▶ to play the current media file.
- Tap ■ to stop playing.
- Tap ◀ or ▶ to play the previous or next file.

- Tap the volume slider to adjust the volume. Alternatively, you can press the volume keys to adjust volume.
  - Tap ◉ to mute the sound. Tap it again to resume.

Tap **Playlist** to display the name of the current media file. When the now playing list is displayed, tap **My Lib** to view or refresh the media files in the library. Tap ☰ to play other media files, combine media files to create playlists, and perform other media-related operations.

Using a Bluetooth® Wireless Connection

Your phone supports Bluetooth® wireless connections. You can set up a wireless link with a Bluetooth headset accessory, speakerphone, or handsfree car kit, or connect to a computer or hand-held device to exchange and synchronize data.

Turning Bluetooth On/Off

1 Tap 🅱 **Bluetooth** in the application launcher screen then tap ☰.

2 Tap **Turn On** or **Turn Off** to activate or deactivate Bluetooth.

Searching for Other Devices

To connect your phone to a headset accessory or
handsfree device:

1 Tap 🔵 **Bluetooth** in the application launcher
screen to display the device list.

2 If necessary, turn Bluetooth on.

3 Tap **Search** to search for available Bluetooth
devices.

Your phone displays a list of device(s) located within
range of the phone. If your phone is already
connected to a device, your phone identifies the
connected device.

To connect to a device, select it from the list and tap
Bond. The device may request permission to bond with
your phone. Enter the correct PIN code to create a
secure connection with the device.

Making Your Phone Visible to Other Devices

To allow an unknown Bluetooth device to discover
and connect to your phone:

1 Tap 🔵 **Bluetooth** in the application launcher screen
to display the device list.

2 If necessary, turn Bluetooth on.

3 Tap ▤ , then **Discoverable** to put your phone into
discoverable mode until a connection is made, or
until 3 minutes elapse.

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The device may request permission to bond with your phone. Enter the correct PIN code to create a secure connection with the device.

Connecting to a Recognized Device

Your phone stores the names of previously connected devices. The device list shows the recognized devices located within range of the phone. If your phone is already connected to a device, your phone identifies the connected device.

Tap a device name to view its details. Tap and hold the device name to open a pop-up menu from which you can choose to **Create Bond**, **Connect**, **Delete**, or **Lock/Unlock** the device.

For a Motorola headset or other audio device, your phone automatically attempts to connect to the device.

Disconnecting From a Device

To disconnect from a device, tap and hold the device name to open a pop-up menu, then select **Delete**

Exchanging Objects With Another Device

You can use a Bluetooth wireless connection to exchange a multimedia object or vObject (such as a vCard address book entry or vCalendar calendar event) with another phone, computer, or hand-held device.

Sending an Object

Turn on Bluetooth, then:

1 Tap and hold the object to open a pop-up menu, then select **Share** to display a list of share options.

2 Tap **Bluetooth** then **OK** to display the device list.

3 Tap the device name on the list, or tap **Search** to locate the device.

4 Tap **Send** to send the object. If necessary, enter the correct PIN code to create a secure connection with the device.

Receiving an Object

Turn on Bluetooth. Your phone alerts you when it receives a data transfer request from the other device.

Tap **OK** to accept the data. If necessary, enter the correct PIN code to create a secure connection with the device.

Your phone notifies you when object transfer is complete, and may prompt you to specify the location where you wish to store the file.

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Touchscreen Display

When you tap 🖳 on the home screen, the application launcher *screen* is displayed.

You can use all of your phone's features by tapping on feature icons, buttons, and text with the provided stylus. Tap on a feature icon to select the feature.

Note: Your application launcher screen may look different than the display shown above. For example, phone features can be displayed as a text-based list view instead of as feature icons, and you can set a different wallpaper image to display behind the icons, buttons, and page labels.

Global Navigation Bar

Icons in the global navigation bar give you easy access to commonly used applications:

|	
⌒ **Application Launcher Screen**	Go to the application launcher screen
📷 **Address Book**	Go to the address book
✉ **Message**	Go to the message center
☎ **Phone**	Display the phone keypad

In addition to the standard icons, your phone displays a **Prompt** icon in the global navigation bar to notify you of a missed call or new message. Tap ! to view information about the call or message.

Status Bar

The following indicators can display in the status bar:

1. Signal Strength   2. GPRS   4. Real Player™   6. Clock

3. Blue Tooth®   5. Battery Level
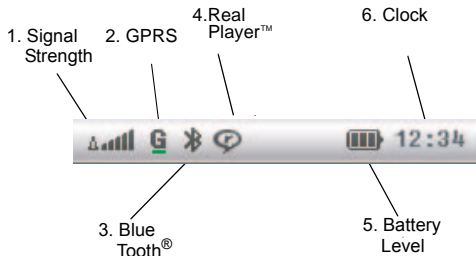
1. Signal Strength Indicator – Vertical bars show the strength of the network connection. You cannot make or receive calls when the Δ (no signal) indicator or Δ✗ (no transmit) indicator is displayed.

2. GPRS Indicator – Shows that your phone is using a high-speed General Packet Radio Service (GPRS) network connection. GPRS allows faster data transfer speeds. A darkened indicator shows that a GPRS connection is not available

3. Bluetooth® Indicator – Shows that your phone has established a Bluetooth wireless connection with a headset accessory or other external device.

4. Real Player™ – Multi media

5. Battery Level Indicator – Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

6. Clock – Shows the current time.

Learning to Use Your Phone

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Button Bar

The button bar shows functions you can select in the active application.

↵ **Return**   Tap to return to the previous screen.

▤ **Menu**   Press to open a context sensitive menu.

Using the 4-Way Navigation Key

Press the 4-way navigation key up, down, left, or right to scroll through screens and feature icons, highlight items, change feature settings, and play games. Press the center select button in the center of the 4-way navigation key to select a highlighted item.
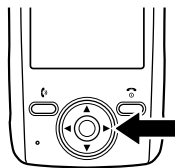
Note: This guide describes how to use the stylus and touchscreen control to use features. In most cases, it does not include the equivalent navigation key for using the feature.

Opening Phone Features

Your phone has many built-in features for communications, personal organization, and entertainment. Every feature has an associated icon.

You can open a feature in the following ways:

- Tap one of the icons in the global navigation bar at the top of the screen. These icons are always visible on the screen.

- Tap 🔳 in the top global navigation bar to go to the application launcher screen. The application launcher screen displays icons for all of your phone's features. Select the feature you want to open.

The following icons identify features available on the application launcher screens:

Application Launcher Screen (All)

📒	Calls	📝	Tasks
🔺	Viewer	✗	Draw
📝	Notes	📧	Email
📅	Calendar	📁	Files
🕐	Time	🌐	Browser
🎤	Recorder	📹	Video
📷	Camera	💿	Player

	Calculate		Bluetooth
	Modem		Alarm
	Setup		Sync
	FM radio		STK

Your phone may contain Java™ games or applications that add features and functionality to your phone.

Tip: You can set your phone to display the application launcher screen features as a text-based list rather than graphic icons. Tap [≡], then tap **List View** to change to list view. From list view, tap [≡], then tap **Thumbnail View** to reset the graphic icons.

Entering Text

Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Tap a text entry area on the screen to bring up a text entry window. If necessary, tap the entry method button [▲] at the bottom of the screen to select a text entry method.

Handwriting

You can use the stylus as a pen to write letters, numbers, and punctuation directly on the screen.

In a text entry window, tap ▲ and tap **Handwriting** to open the handwriting pad (shown at right). Tap a button on the handwriting pad to select Chinese characters, English text, or numbers as the type of text you want to enter.

Use the stylus to write in one of the 2 writing spaces. For best performance, alternate between the writing spaces so that recognition can occur in one while you are writing in the other.

Write a text character, then wait for your phone to recognize and place it in the text entry window. If your phone places an incorrect character, tap the character in the choice area that you want to replace it.

Your phone uses a predictive text function to predict the word you are writing. Tap a word in the prediction area to place it in the text entry window.

To enter special characters or edit text, use the function buttons described on page 54.

Pinyin Keyboard

Use the Pinyin keyboard (shown at right) to enter Chinese characters. Tap keyboard characters in sequence to spell the pinyin. The letters you enter display in the pinyin area, and corresponding Chinese characters display in the choice area. To see additional characters, tap the previous button ◀ or next button ▶. Tap the desired character to place it at the cursor location in the entry window.

Your phone predicts the pinyin you are spelling, and highlights the next letters you can type to finish the word.

English Keyboard

Use the English keyboard (shown at right) to enter letters and numbers at the cursor location in the text entry window.
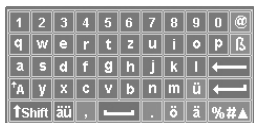
Numeric Pad

Use the numeric pad (shown at right) to enter digits and/or numeric symbols at the cursor location in the text entry window.

1	2	3	←
4	5	6	,*#+
7	8	9	0

Function Buttons

Tap ,*#+ with any text entry method to open the symbol pad, to enter a symbol at the cursor location. Tap 🔒 to lock or hide the symbol pad.

To delete the character to the left of the cursor, tap ←.

To move the cursor to the next line, tap ←.

To enter a space at the cursor location, tap ━.

Tip: Tap a location in the text entry window to move the cursor to that location.

Using the Handsfree Speakerphone

When you activate your phone's handsfree speaker, you can talk to the other party without holding the phone to your ear.

Tap **Spkr** to turn the handsfree speaker on or off during a call. The handsfree speaker remains on until you tap **Spkr** again or turn the phone off.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has **not** reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password, tap **Security** in **Setup** screen, then tap **Change Passwords**. Choose password you want to change to open the change passwords screen.

Learning to Use Your Phone

Locking and Unlocking Your Phone

You can lock your phone to prevent unauthorized use.

You can set a timer to lock your phone after a set elapsed period of inactivity. Also, you can answer calls, read notifications, (but not read SMS messages) without unlocking your phone. When your phone is locked you can not make calls, view PIM, or access other features.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer**.

You can make emergency calls on your phone even when it is locked (see page 65).

Locking Your Phone

Tap ✕ in the application launcher and select **Security**, then tap **Phone Lock** > **Power On**. Your phone prompts you to enter the unlock code. Enter your unlock code to lock the phone.

Unlocking Your Phone

When you see the **Enter Unlock Code** prompt, enter your unlock code to unlock the phone.

Tip: Your phone's unlock code is originally set to 1234. Many service providers reset the unlock code to the last 4 digits of your phone number.

If You Forget a Code, PIN, or Password

Note: Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Many service providers reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number.
If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Setting Up Your Phone

Storing Your Name and Phone Number

1 Tap 🔽 in the global navigation bar to display the phone keypad.

2 Tap ☰, then tap **Setup** to open the phone setup menu.

3 Tap **My Number** to open the number editor.

4 Enter your name and number (for line 1 **and** line 2, if applicable), then tap **Done** to store the information.

If you do not know your phone number, contact your service provider.

Setting the Date and Time

You must set the date and time to use the calendar application.

1 Tap 🌏 in Application Launcher Screen.

2 Tap **Date** to set the date on the date setup calendar

3 Tap **Time** to set the current time. When you are finished, tap **OK** to return to the setup screen.

Local City:	Bei Jing
	07:05:58 AM
	03-24-2004
	WED
City 1 :	Athens
WED	01:11:12
City 2 :	London
THU	23:11:38
≡	OK ↵

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of 5 different ring styles, or turn off the incoming call alert. To set a ring style, tap **Ringer Alert Style** in **Setup** screen and select one of the ring styles.

Setting Up Your Phone

Setting Backlight Brightness and Duration

1 Tap ✕ **Setup** in the application launcher screen, then tap **Backlight Setup**.

2 Tap ◁ and ▷ to decrease or increase backlight brightness.

3 Tap **Backlight Sleep Time** to set the amount of time that the backlight remains on.

4 Tap **Save** to save your settings.

Tip: Tap ↵ to return to the setup screen without saving your changes.

Note: Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight. To extend battery life, the backlight turns off automatically when no activity is detected for a period of time. The backlight turns back on when you tap the screen or press any key.

Conserving Battery Power

Your phone includes several features designed to help extend battery life.

Note: To conserve power it is recommended that you leave Bluetooth turned off. Turn it on only when needed.

Tap ✕ **Setup** in the application launcher screen, then tap **Power Management**. Your phone displays a battery charge meter that indicates the remaining battery power.

The **Battery Save** feature automatically adjusts phone settings to maximize battery life. Check the box next to **Battery Save** to **On** or **Off** to activate or deactivate the feature.

The **Auto Power Off** feature automatically turns your phone off after a period of inactivity. Tap the check box □ beside **Auto Power Off** to select it, then tap **Power Off Time** to set the clock time at which your phone turns itself off.

Tap **Save** to save your settings and return to the setup screen.

Calling Features

For basic instructions on how to make and answer calls, see page 30.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

1 Tap 🔽 in the global navigation bar to display the phone keypad.

2 Tap ☰, then tap **Setup** to open the phone setup menu.

3 Tap **Switch Line: Line 1** (or **Line 2**) to switch to the other line.

4 Tap ↵ to exit the phone setup menu.

Redialing a Number

1 Tap 🔽 in the global navigation bar to display the phone keypad.

2 Tap ↩, then tap **Dialed Call** sto go to the dialed calls list.

3 Tap the number you want to redial.

Using Automatic Redial

When you receive a busy signal, your phone displays **Call Failed, Number Busy**.

To redial the phone number, tap **Redial**.

Your phone automatically redials the number. You must activate automatic redial to use the feature. To activate automatic redial:

1 Tap 🔽 in the global navigation bar to display the phone keypad.

2 Tap ☰, then tap **Setup** to open the phone setup menu.

3 Tap the check box ☐ beside **Auto Redial**. A check mark ☑ indicates that automatic redial is activated.

4 Tap ↙ to exit the phone setup menu.

Using Caller ID

Incoming Calls

Calling line identification (caller ID) displays the phone number for incoming calls in your phone's display.

The phone displays the caller's name (and picture ID, if available) when the name is stored in your address book, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ring tone for specific contacts stored in your address book. For more information, see page 88.

Outgoing Calls

You can show or hide your phone number as an ID for the calls that you make.

1 Tap ☏ in the top global navigation bar to display the phone keypad.

2 Tap ▤ in the bottom button bar to open the phone menu.

3 Tap **Setup** to open the setup menu.

4 Tap **Show id**, then tap **On** or **Off** to show or hide your caller ID with outgoing phone calls.

Tip: Select **Network Controlled** to let the network determine your caller ID status.

Canceling an Incoming Call

While the phone is ringing or vibrating, tap **Ignore** to cancel the incoming call.

Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press either volume key to turn off the alert.

Calling Features

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Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 999 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: 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.

1 Tap ☏ in the top global navigation bar to display the phone keypad.

2 Tap the keypad keys to dial the emergency number.

3 Tap **Call** to make the call.

Dialing International Numbers

When the phone keypad is displayed, tap and hold ⌨ to insert the local international access code (+) for the country from which you are calling.

Alternatively, you can tap ☰, tap **Insert**, then select **Insert** + to insert the local international access code.

Direct Dialing an Extension or Voicemail Number

To dial an extension or voicemail number directly, you can insert a pause (**P**) character into the dialing sequence.

1 Use the keypad to dial the phone number.

2 When you need to insert a pause, tap ▣, tap **Insert**, then select **Insert Pause** to insert a **P** at the cursor location.

3 Dial the extension number.

4 Tap **Call** to make the call.

Your phone dials the phone number, waits for the call to connect, then dials the remaining digits.

Tip: Use the same procedure to insert a wait (**W**) character in the dialing sequence. Your phone dials the number, waits for the call to collect, then prompts you for confirmation before it dials the remaining digits.

Dialing an Extension Number During a Call

1 Tap the keypad button ▦ to display the phone keypad.

2 Dial the extension number.

3 Tap ☏ to return to the on-call status screen.

Dialing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

1 Tap ☻ in the top global navigation bar to display the phone keypad.

2 Tap ⌨ to open the recent calls menu.

3 Tap **Answered Calls**, **Missed Calls**, or **Dialed Calls** to view the corresponding call list.

4 Tap an entry to call the entry's number.

Calling With Turbo Dial

You can store up to 9 frequently used phone numbers in the turbo dial list, then dial the numbers by tapping and holding a single keypad number key.

To turbo dial a phone number:

1 Tap ☻ in the top global navigation bar to display the phone keypad.

2 Tap and hold a keypad key to dial the phone number assigned to the key.

If no number is stored, your phone prompts you to store a phone number in the turbo dial list.

To setup the turbo dial numbers list:

1 Tap ☉ in the top global navigation bar to display the phone keypad.

2 Tap ☰ , then tap **Setup** to open the setup menu.

3 Tap **Turbo Dialing** to open the turbo dial list.

4 Enter phone numbers in the turbo dial list.

Putting a Call On Hold

During a call, tap **Hold** to put the call on hold. Tap **Hold** again to resume the call.

Muting a Call

During a call, tap **Mute** to turn off your phone's microphone. Tap **Mute** again to resume the call.

Dialing Another Number During a Call

During a call, you can make a call to another phone number.

1 Tap the keypad button ⌨ to display the phone keypad.

2 Tap the keypad keys to dial the phone number.

3 Tap **Call** to make the call.

When the new call connects, the first call is put on hold while you talk to the third party.

Calling Features

To switch between the 2 calls:

1 Tap 🔲, then tap **Switch** to put the current active call on hold and switch to the other call.

2 Tap **End** to end the current active call.

Transferring a Call

You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

1 Tap **Hold** to put the call on hold.

2 Tap the keypad button 🔲 to display the phone keypad.

3 Tap the keypad keys to dial the number where you are transferring the call.

4 Tap **Call** to make the call and speak to the person who answers.

5 Tap 🔲, then tap **Transfer to Hold**.

Do Not Announce the Call Transfer

1 Tap 🔲, then tap **Transfer**.

2 Tap the keypad keys to dial the number where you are transferring the call.

3 Tap **Call** to transfer the call.

Messages

You can send and receive short text-based SMS messages, and multimedia MMS messages containing media objects such as photos, pictures, animations, sounds, voice records, and video clips.

Using the Message Center

Note: You must set up your message inbox **before** you can send and receive messages. Usually, your service provider has already set up the message inbox for you. For setup instructions, see page 80

Tap ✉ in the top global navigation bar to go to the message center (shown at right).

Your messages are stored in different folders in the message center. The number to the right of each folder name indicates the number of messages it contains. Tap a folder to display its contents.

The message center contains the following folders:

Inbox – Stores SMS and MMS messages you have received.

Outbox – Stores your messages that have not yet been sent.

SIM Card – Contains messages stored on your SIM card. You can move these messages to other folders.

Drafts – Temporarily stores messages that you are still writing.

Sent Items– Stores copies of messages you have sent.

Trash – Stores messages you have deleted. If you have not permanently deleted a message, you can retrieve it.

Personal Folder – A personal folder that you can rename and use as desired.

Setting Up Your Signature

You can store your signature, and manually or automatically append it to the messages you send.

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap ▤ , then tap **Signature Editing** to open the signature editing screen.

3 Tap the direct line in the **Signature Content** field to enter your signature.

4 If you want your phone to automatically append your signature to all outgoing messages, tap the check box ☐ below the signature. A check mark ☑ indicates that automatic signature is activated.

5 Tap **Save** to store your signature.

Sending a Text Message

You can send an SMS *short text message* to other wireless phone users, and to email addresses.

To compose and send an SMS message:

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap **Compose**.

3 Tap the *message type* pull-down menu, then tap **SMS** to open the SMS message composition screen.

4 Tap the message field, then tap the text entry method drop-down menu at the bottom of the screen and select an entry method to enter text in the message field. When you are finished, tap ▦ in the lower right corner of the screen to hide the text entry keyboard or pad.

Alternatively, you can tap ☰, tap **Load**, then tap **Quick Text** to insert a prewritten quick text note in the message field.

5 Tap **To** to select contacts from your address book, or tap the direct line in the **To** field to enter a phone number or email address.

Messages

6 Tap **Send** to send the message.

When composing an SMS message, you can tap
the ⊞ to perform various operations on the message
prior to sending it. The SMS menu can include the
following options:

Option	Description
Load	Insert a quick text note or auto-signature in the message.
Save To	Save the message to the **Drafts** folder.
Send Options	**Receipt Request**: Request a delivery report for the message.
	Expire After: Set the expiration time for an undelivered message.
Delete	Delete the message.

Viewing the Status of Unsent Messages

Outgoing SMS messages that failed to send or have not yet been sent are stored in the outbox.

On the message center screen, tap **Outbox** to display its contents. Messages in the outbox are sorted from newest to oldest.

Tap a message to read it. You can edit the message while it is open.

Tips For Sending Messages

- When you enter an SMS text message, a counter at the top right corner of the display shows the number of characters left on the current page, and the number of pages you have written (*character #/page #*). Network charges are based on the number of pages sent.

- When you enter an MMS multimedia message, a counter at the top of the display shows the current message size in kilobytes. Another counter shows the number of pages.

- When you manually enter phone numbers and/or email addresses in the **To** field, you must insert a comma between each entry.

Messages

Receiving a Message

Your phone displays the ⁝ **Prompt** icon in the global navigation bar to notify you that you have received a new SMS or MMS message.

Tap ⁝ to display message list.

For an SMS message, tap ✉ to read the message. Tap ↵ to return to the previous screen without reading the message. The message is stored in the inbox.

For an MMS message, tap ✉ to read the message Tap ↵ to return to the previous screen without downloading the message.

When you download an MMS message:

• Tap ▶ to play the message.

• Tap **Reply** to send an MMS reply to the message.

• Tap ▤ to perform various operations on the message.

Messages

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When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Reading and Replying to Messages

Messages that you receive are stored in the inbox.

On the message center screen, tap **Inbox** to display its contents. Messages in the inbox are sorted from newest to oldest.

Tap a message to read it. Your phone displays the sender's name (if stored in your address book) or phone number, the message contents, and the time it was sent.

- Tap **Reply** to send an SMS or MMS reply to the message (depending on the received message type).

- Tap ↵ to return to the previous screen without making any changes.

Tap ▤ to perform various operations on the message. The received SMS message menu can include the following options:

Option	Description
Reply With Original	Include a copy of the original message in your reply.
Forward	Open a copy of the message, with an empty **To** field.
Save Address	Save the sender's phone number or email address.
Delete Message	Delete the message.

Viewing Messages

On the **Inbox**, **Outbox**, or **Trash** screen, tap ▤, then tap **Sort By** to select a view mode. You can choose to sort messages by **Name**, **Subject**, or **Time**.

Viewing Draft Messages

Messages that you are still writing are stored in the drafts folder.

On the message center screen, tap **Drafts** to display its contents. Tap a message to read it. You can edit the message while it is open, and then send it immediately.

Viewing Deleted Messages

Messages that you delete are stored in the trash folder.

On the message center screen, tap **Trash** to display its contents. Tap a message to read

Tap **Delete All** to permanently delete all messages in the trash folder.

Viewing Messages on Your SIM Card

On the message center screen, tap **SIM Card** to display the messages stored on your SIM card. Tap a message to read it.

Creating and Using a Personal Folder

You can create one or more personal folders to store your messages, and lock your personal folders to prevent other users from reading the messages stored in them.

To create a personal folder:

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap ≡ , then tap **New Folder**.

3 Tap the direct line in the **Name** field to enter a name for the folder.

4 To lock the folder to prevent unauthorized access, tap the check box ☐ below the name to **Protect by Phone Lock Code**. A check mark ☑ indicates that the folder lock feature is activated.

5 Tap **Done** to save the folder.

The personal folder is listed on the message center screen along with your other folders. If the personal folder is locked, your phone prompts you to enter the phone unlock code when you try to open the folder or move a message to it. Enter your unlock code to open the folder.

To edit a personal folder, open it and tap 📃, then tap **Folder Setup**. You can change the folder name, and turn the folder lock feature on or off as desired.

To delete a personal folder, open it and tap 📃, then tap **Delete Folder**. Tap **OK** to confirm the deletion.

Note: You must remove all messages from a personal folder in order to delete it.

Moving Messages Between Folders

You can move messages between folders as desired. For example, you can move a message from the inbox to the SIM card folder and take it with you when you use your SIM card in another

phone, or move it to a locked personal folder to prevent others from reading it.

To move a message to a new folder:

1 Tap ✉ in the global navigation bar to go to the message center.

2 Open the folder that contains the message you want to move.

3 Tap and hold the message to open a pop-up menu, then select **Move to Folder**.

4 On the move to folder screen, select the folder to which you want to move the message.

5 Tap **OK** move the message to the selected folder.

Setting Up the Message Inbox

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap ▤ , then tap **Service Setup**.

3 Tap **Short Message** or **Multimedia Message** to configure your SMS or MMS inbox settings as described below.

4 When you are finished, tap **Save** to save your settings.

SMS Setup Options

Note: Actual field names and values may vary depending on the technologies available to your

Messages

service provider. Some settings may not be available for all phone models.

Option	Description
Service Center Number	Number of the service center that handles your outgoing text messages.
Expire After	Number of days your network should attempt to send undelivered text messages.
Use GPRS	Use a high-speed GPRS connection to send and receive text messages.

MMS Setup Options

Note: Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
Default Profile	Select an MMS network profile. (See next section to edit profile settings or create a new profile.)

Option	Description
Expire After	Number of days your network should attempt to send undelivered MMS messages.
Max Sending Size	Maximum size of incoming multimedia message to be downloaded to your phone.
Auto Download	Select download action of receiving multimedia messages.
Show My Number	Send your number with outgoing MMS messages.
Allow Delivery Report	Send a delivery report for an incoming MMS message when requested.
Block Senders	Block incoming MMS messages from specific senders.

MMS Network Profile Setup

You can edit an existing MMS network profile or create a new MMS network profile.

1 Tap ✉ in the global navigation bar to go to the message center.

2 Tap ▤, then tap **Service Setup**.

3 Tap **Multimedia Message** to open the MMS inbox setup editor.

4 Tap the folder tree icon ☐ in the **Default Profile** field to open the MMS profile list.

5 To edit an existing MMS network profile, highlight the profile, tap ☰, then tap Edit.

   or

   To create a new MMS network profile, tap ☰, then tap **New**.

6 When you are finished, tap Save to save your settings.

Fields may vary according to technologies provided by your service provider, contact your service provider to obtain the necessary information:

Option	Description
Profile Name	Enter the profile name.
MMSC	Select the server you want to use (information may be viewable only).
Network Profile	Select a network connection profile to connect to the Internet.
WAP Gateway IP	Gateway address for your WAP service provider.
Port Number	Server address which handles your MMS transfer.

Setting Up Your Address Book

You can store a contact list of names, phone numbers, and email addresses in your phone's electronic address book.

Viewing Your Contact List

To see the names in your address book, tap [📇] in the global navigation bar to open the address book. To change the way your contact list is displayed, tap ☰, tap **Setup**, then tap the **Default List Display** drop-down menu to select **List View** or **Thumbnail View**.

Using Category Views

Defining categories for your contacts helps you manage address book information. You can classify contacts in different categories according to your communication needs, and display contacts by category. Your phone provides the following basic categories:

Phone – Lists contacts stored on your phone (this category does **not** list contacts stored on your SIM card).

Unfiled – Lists contacts stored on your phone that are not assigned to a user-defined category. This is the default category setting for new contacts.

SIM Card – Lists contacts stored on your SIM card.

When the contact list is displayed, tap the category button in the bottom button bar and select a category name to display only the contacts in that category.

Viewing and Editing Contact Details

1 When the contact list is displayed, tap a contact name to view its details.

2 Tap **Edit** to edit the contact. Your phone displays complete contact details.

3 To edit contact information, tap the direct line in the field you want to edit.

4 When you are finished editing contact information, tap **Done** to store your changes.

Adding a New Contact

1 Tap 📇 in the top global navigation bar to open the address book.

2 Tap ☰ , then tap **New Contact**.

3 On the new contact screen (shown at right), tap the **Photo** field to assign a picture ID to the entry. Your phone displays the picture when you receive a call from this contact.

4 Tap the direct line in a field to enter contact details. Pull down the scroll bar to display additional fields.

5 To set a distinctive ring tone for the contact, tap the **Ring Tone** field and select **Browse**. Scroll to select the desired tone and tap **OK**. Your phone sounds the tone when you receive a call from this contact.

Note: The **Photo** and **Ring Tone** options are not available for contacts stored on the SIM card.

6 When you are finished entering information, tap **Done** to store the contact.

Tip: Tap ↵ to exit without storing the contact.

Creating a Group

You can create a group mailing list consisting of multiple contacts stored in the address book. Groups make it easy for you to send a message to multiple recipients simultaneously.

1 Tap 📇 in the top application launcher bar to open the address book.

2 Tap ☰, then tap **New Distribution List**. Then tap **Messaging** or **Email** and tap **OK.** You must enter a name

Setting Up Your Address Book

for the group, and the group must contain at least one member.

3 When you are finished entering information, tap **Save** to store the group.

Calling or Sending a Message to a Contact

1 Tap 🖼 in the global navigation bar to open the address book.

2 Tap a contact name to view its details.

3 In the details list:

- Tap the phone number to call the number.

- Tap the message indicator to send an SMS or MMS message to the number.

- Tap the email indicator to send an email or MMS message to the address.

Searching for a Contact

1 Tap 📖 in the global navigation bar to open the
address book.

2 Tap ☰, then tap **Find Contacts**.

3 Select **Contact's Name**, **Number**, or **Other**, enter the
desired information in the **Search Text** field, then tap
Find.

Your phone displays the search result, or notifies you
that no match can be found.

To continue searching, tap **Fine New**.

To return to the contact list, tap ↵.

Deleting a Contact

1 Tap in the global navigation bar to open the address book.

2 Tap , then tap **Delete Contacts**.

3 Check the contact(s) you want to delete, then tap **Delete**.

4 Tap **OK** to confirm the deletion.

Copying Contacts

You can copy contacts between your phone and SIM card. This procedure does **not** delete the original contact.

Note: The SIM card can only store one phone number per contact; it cannot store multiple phone numbers and personal information for a single contact. When you copy an entry from the phone to the SIM card, your phone prompts you to specify the number you want to store for the contact.

1 Tap in the global navigation bar to open the address book.

2 Tap , then tap **Copy to SIM/Phone**.

3 Select **Phone to SIM** or **SIM to Phone**, then tap **OK**.

4 Check the number(s) you want to copy. If you copy from the SIM card to phone memory, specify the number type.

5 Tap **OK** to copy the numbers to the new location.

Note: The number of entries you can store on your SIM card depends on the SIM card capacity. The types of entries that can be copied to the SIM card may vary depending on the function of the SIM card.

Checking Address Book Capacity

You can display the number of address book entries currently stored on the phone and SIM card, and the total number of entries you can store on the SIM card.

1 Tap 🖼 in the global navigation bar to open the address book.

2 Tap ☰, then tap **Memory Status**. Your phone displays the number of phone and SIM card contacts, and the SIM card capacity (*number of contacts*).

3 Tap ↵ to return to the address book.

Sharing Contact Information

You can share contact information with others by sending the data as a vCard to another phone, computer, or hand-held device.

1 Tap 🖼 in the global navigation bar to open the address book.

2 Tap the name of the contact you want to send. Your phone displays contact details.

3 Tap ![icon], then tap **Share**.

4 Tap **Bluetooth**, then tap **OK** to exchange the data through a Bluetooth ®wireless connection.Tap **Message** or **Email**, then tap **OK** to send the contact data in an MMS or email message.

5 Complete the setup procedure for the transfer method you selected.

6 Tap **Send** to send the contact information in a vCard.

For more information about using a Bluetooth wireless connection, see page 42.

Viewing and Editing Owner's Information

You can store information about yourself in the address book. Then, if you lose your phone, the person who finds it can contact you to return the phone.

1 Tap ![icon] in the global navigation bar to open the address book.

2 Tap ![icon], then tap **Owner's Information**.

3 If owner's information is stored, the phone displays the owner's contact details. Tap **Edit** to edit the owner's information.

4 If owner's information is not stored, the phone displays the owner's information entry screen. Enter information as you would for a new contact (see page 88.)

5 When you are finished entering information, tap **Done** to store the owner's information.

Email

You can send and receive email messages with your wireless phone.

Tip: You must have an Internet connection to send and receive email messages. If necessary, see page 155 for information on how to set up a network connection profile.

Note: E-mail services and options vary according to technologies available to each service provider. You may consult your service provider for details of e-mail account and messaging, if necessary.

Using Mailboxes and Folders

Note: You must set up your email mailbox **before** you can send and receive email messages. Usually, your service provider has already set up the email mailbox for you. For setup instructions, see page 100.

Tap ✉ **Email** in the application launcher screen to launch the email application.

Email messages are stored in different folders in your email mailbox.

Inbox – Email messages you have received.

Outbox – Your email messages that have not yet been sent.

You may have additional folders in an email mailbox, such as **Drafts**, **Sent Items**, **Trash**, and/or personal folders that you create.

If you have separate mailboxes for different email accounts, tap the **Mailbox** field at the top of the email message screen to select the mailbox you want to use. Your phone displays the folders associated with the selected mailbox.

Sending an Email Message

You can send an email message to one or more recipients. You can manually enter each recipient's email address, or select addresses from the address book.

When you manually enter email addresses, you must insert a comma, semicolon, or colon between each address.

To compose and send an email message:

1 Tap ✉ **Email** in the application launcher screen to launch the email application.

2 Tap ▤ then **New Email** to open the email message composition screen.

To enter the message recipient(s), tap **To** to select numbers or addresses from your address book, or tap the direct line in the **To** field to enter a phone number or email address.

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4 Tap the direct line in the **Subject** field to enter a subject for the message.

5 Tap the message field and tap ⬆, then tap a text entry method to enter text in the message field.

6 Tap **Send** to send the message.

When composing an email message, you can tap ☰ to perform various operations on the message prior to sending it. The email message menu can include the following options:

Option	Description
Save to draft	Save the message to the **Drafts** folder.
Insert Signature	Append your signature to the end of the message.
Cc / Bcc options	Display **Cc** and/or **Bcc** header fields to carbon-copy or blind-carbon-copy the message to additional recipients.
Attachments	Attach a contact, calendar event, task, or media object to the message.
Priority	Set message priority.
Delete Attachments	Delete message attachments.

Receiving an Email Message

Email messages that you receive are stored on your service provider's email server until you download them to your phone.

Tap Email and choose your email account from Mailbox. Tap Inbox and Receive to download the message to your phone. Tap ↵ to return to the previous screen without downloading the message.

When you download an email message:

- Tap the message to read it.
- Tap **Reply** to send an email reply to the message.
- Tap 🗉 to perform various operations on the message. The received email message menu can include the following options:

Option	Description
Save File	Save a media object attached to the message.
Move To Folder	Move the message to another folder.
Delete Message	Delete the message.

Email

Reading, Copying, or Moving Email Messages

The procedures for reading, copying, or moving email messages are similar to the corresponding message center procedures. See page 70 for more information.

Creating and Using a Personal Folder

The procedures for creating and using a personal folder are similar to the corresponding message center procedures. See page 78 for more information.

Setting Up the Email Mailbox

If the phone cannot locate your email mailbox, it opens the mailbox setup screen for you to configure your mailbox settings.

Manual Mailbox Setup

If your service provider is not listed on the mailbox setup list, you can manually set up your email mailbox as follows:

1 Tap the **Mailbox Name** field and enter your mailbox name.

2 Tap **Send Setup** and **Receive Setup** to configure your email sending server and receiving server settings as described below.

3 Tap **Signature Setup**, if you want your phone to automatically append your signature to all outgoing email messages, tap the check box ☐ next to **Add signature to all outgoing messages**. A check mark ☑ indicates that automatic signature is activated.

4 Tap the signature field and enter your signature.

5 Tap **OK** to save your signature.

6 Tap **Connection Setup**, then select the type of connection desired and tap OK.

7 Tap **OK** to store your mailbox settings.

Email

Tip: You can set up separate mailboxes for different email accounts. If you do not assign a name on the mailbox setup screen, your phone assigns a different name (**Mailbox 1**, **Mailbox 2**) to each mailbox.

Send Setup Options

Note: Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Setting	Description
Server	IP address or host name that handles your outgoing email.
Port	Port number for sending host.
Email	Your email address.

Setting	Description
Nickname	Name to be inserted before your return address, if desired.
Authentication	Set **Authentication** to **On** if you need a user name and password to access your outgoing email server. Select **Same as Receive Setup** if user name and password are the same as for your incoming email server. Otherwise, enter your outgoing email server **User Name** and **Password**, and confirm your password in the **Reenter Password** field.

Receive Setup Options

Note: Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Setting	Description
POP3 or **IMAP**	Select the protocol to communicate with the receiving host: **POP3** or **IMAP**.
Server	IP address or host name that handles your incoming email.
Port	Port number for receiving host.
User Name	Your user name.
Password	Your user password.
Reenter Password	Confirm your user password.
Check All Folders IMAP option	Select to check all folders for email. Set the **Root Folder Path** that your phone should search.
Save Special Folders IMAP option	Select to specify additional email folders. You can set the **Sent Items Path** and the **Drafts Path**.

Setting	Description
Incoming Message Size Limit	Maximum size of an email message to be downloaded to your phone.
Keep on Server	Select to save copies of your email messages on the remote server. (For POP3, prevents message deletion on remote server after message is downloaded to your phone.

Personalizing Your Phone

Setting the Display Language

Set the language in which phone features and menu options are displayed.

1 Tap ✕ **Setup** in the application launcher screen, then tap **Language**.

2 Select the language you want to use, or select **Automatic** to let your phone select the language based on your current location.

3 Tap **Save** to save your language selection.

Tip: Tap ↵ to return to the setup screen without saving your changes.

Setting Sound Volume

Set the volume of your phone's system sounds, incoming call ring tones, and event notification alerts.

1 Tap ✕ **Setup** in the application launcher screen, then tap **Ringer Alert Style**.

2 Tap an item and tap **Edit** to open its sound setup screen.

3 Adjust the sound volume, and any other sound-related settings (if available).

4 Tap **Save** to save your settings.

Tip: Tap ↙ to exit without saving your changes.

Adjusting Text Input Settings

Adjust settings related to entering text characters on the touchscreen display. You can set your preferred input method, primary and secondary language preferences, specify your writing hand (left or right) and handwriting speed, activate word recognition and a user dictionary, and apply a watermark to the text you enter.

Tap ✕ **Setup** in the application launcher screen, then tap **Input setup** to open the input setting screen. Adjust settings as necessary, then tap **Save** to save your settings and return to the setup screen.

Calibrating the Touchscreen Display

You should re-calibrate the touchscreen if the phone begins to respond incorrectly to your stylus input on the touchscreen display.

1 Tap ✕ **Setup** in the application launcher screen, then tap **Screen calibration**.

2 Follow the on-screen instructions and tap the center of the symbol with your stylus as instructed, until the phone indicates that the touchscreen display is properly calibrated.

Resetting All Options

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer.

1 Tap ✕ **Setup** in the application launcher screen, then tap **Master Reset**.

2 Enter your security code when prompted, close the keyboard and then tap **OK**.

3 Tap **OK** to confirm that you want to perform master reset.

Tip: Tap **Cancel** to exit without performing the master reset procedure.

Clearing All Stored Information

Clear all user settings and entries, **except** for information stored on the SIM card, erase all downloaded pictures and sound files, and reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer.

Caution: Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory, including address book and

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calendar entries. After you erase the information, you cannot recover it. Master clear does **not** delete any information stored on the SIM card.

1 Tap ✕ **Setup** in the application launcher screen, then tap **Master Clear**.

2 Enter your security code when prompted, close the keyboard and then tap **OK**.

3 Tap **OK** to confirm that you want to perform master clear.

Tip: Tap **Cancel** to exit without performing the master clear procedure.

Getting More Out Of Your Phone

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

1 Tap **Calls** in the application launcher screen to display the recent calls screen.

2 Tap **Answered Calls**, **Missed Calls**, or **Dialed Calls** to view the corresponding call list.

3 Tap an entry to display call details.

4 Tap **Call** to call the entry's number, or tap 🔳 to perform various operations on the entry:

Option	Description
Store	Create an address book entry with the number stored in the number type field you specify.
Send SMS	Open a new text message with the number in the **To** field.

Option	Description
Send MMS	Open a new multimedia message with the number in the **To** field.
Delete	Delete the entry.

Making a Conference Call

Connect an active call and a call on hold so that all parties can speak to each other.

1 Tap ✆ in the global navigation bar to display the phone keypad.

2 Tap the keypad keys to dial the first party's number.

3 Tap **Call** to make the call.

4 When the call connects, tap the keypad button to display the phone keypad.

5 Tap the keypad keys to dial the next party's number.

6 Tap **Call** to make the call.

7 When the call connects, tap **Link** to connect the 2 calls.

Tip: Repeat steps 4 to 7 to add additional parties to the conference call.

Forwarding Calls

Forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

1 Tap ☎ in the global navigation bar to display the phone keypad.

2 Tap ☰, then tap **Setup** to open the phone setup menu.

3 Tap **Call Divert**, then select the type of calls you want to forward: **Voice Calls**, **Fax Calls**, or **Data Calls**.

The forwarding options for voice calls are:

Option	Description
All Voice Calls	Forward all calls.
When Unavailable	Forward calls if your phone is unavailable.
When Busy	Set a forwarding number for when your phone is busy (voice calls only).
When Unreachable	Set a forwarding number for when your phone is out of range (voice calls only).
When No Answer	Set a forwarding number for when you are unable to answer (voice calls only).
Cancel All Diverts	Do not forward calls.

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Note: Repeat this procedure to enter forwarding information for other call types. Fewer forwarding options are available for fax calls and data calls.

Barring Calls

Use call barring to restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

1 Tap **Setup > Security** in the application launcher screen, then tap **Call Barring**.

2 Tap **Outgoing Calls** or **Incoming Calls** to select a restriction setting for outgoing or incoming calls.

Enter your call barring code when prompted, then tap **OK**.

Monitoring Phone Use

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing **End**. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view and adjust phone call meters:

1 Tap $\bigodot$ in the global navigation bar to display the phone keypad.

2 Tap $\boxed{\equiv}$, then tap **Setup** to open the setup menu.

3 Tap **Call Meters** to open the call meters menu.

Viewing and Resetting Call Timers and Cost Trackers

The following call timers and cost trackers display on the call meters menu:

Option	Description
Total Call Cost	Amount spent on dialed and received calls since the last time you reset the cost tracker.
Total Call Time	Approximate total time spent on dialed and received calls since the last time you reset the call timer.
Call Lifetime	Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer, tap **Clear Call Time**.

To reset the cost tracker, tap **Clear Call Cost**.

Using a Timer During a Call

To set a timer to beep at specified intervals during a call, tap **Audible Timer** and select one of the following options: **Off**, **1 Min**, **5 Mins**, **10 Mins**, or **15 Mins**.

To display time or cost information during a call, tap **Display** and select one of the following options:

Option	Description
Timer	Display the approximate elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).
Total Cost	Display the cost of all calls since the last time you reset the cost tracker (if you subscribe to a call cost option or advice of charge).
Credit	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).
Off	No in-call timer display.

Adjusting Call Cost Settings

You can set a credit limit so that the phone displays your remaining credit during calls. The phone notifies you when you near your limit, and ends the call when you reach it.

Tap **Call Cost Setup**, and enter your SIM PIN2 code to open the cost setup menu.

You can enter a credit limit, and set the phone to display your remaining credit in time units or as a currency value.

Using Handsfree Features

Optional Accessory Your phone includes an integrated handsfree speaker that you can use for handsfree applications. For instructions on how to use the handsfree speaker, see page 54.

You can also purchase an optional Motorola Original™ handsfree car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

If the accessory supports Bluetooth® wireless connections, you can setup a Bluetooth wireless link with your phone (see page 42).

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Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Activating Auto Answer

Set your phone to automatically answer calls after 2 rings (4 seconds) when using the handsfree speaker, or when the phone is connected to a headset, car kit, or external speakerphone.

1 Tap 📞 in the global navigation bar to display the phone keypad.

2 Tap ☰, then tap **Setup** to open the phone setup menu.

Check the box next to **Auto Answer** to activate auto answer.

Sharing Information

You can share information with another phone, computer, or hand-held device. You can share address book entries, calendar events, tasks, note pad entries, voice records, pictures, photos, and sound files by sending or receiving the data through a Bluetooth wireless connection, or in an MMS or email message.

Note: In some cases, the share option is only available from the Press and Hold menu.

Sending Data

1 Select the data you want to send, tap ☰, then tap **Share** to display a list of share options.

2 Tap **Bluetooth**, then tap **OK** to exchange the data through a Bluetooth wireless connection. Tap **Message** or **Email**, then tap **OK** to send the data in an MMS or email message.

3 Complete the setup procedure for the transfer method you selected.

4 Tap **Send** to send the data.

For more information about using a Bluetooth wireless connection,

Receiving Data

The sending device must establish a transmission link with your phone through a Bluetooth, MMS, or email connection.

Note: If necessary, activate Bluetooth on your phone to let the other device establish a wireless link.

Your phone alerts you when it receives a data transfer request from the other device. If necessary, tap **OK** to accept the data.

Your phone notifies you when data transfer is complete. If the transfer is not successful, your phone displays the message **Failed to Receive**.

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Using Sync

You can synchronize your phone and SIM address book entries, calendar events, and tasks with another phone, computer, or hand-held device using a cable connection, or with an Internet server using an *over-the-air* (OTA) connection.

Using a Cable Connection

Notes:

•To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information.

• You can synchronize data between your phone and external device with BVRP mobile PhoneTools software, an accessory for Motorola phones. See the mobile PhoneTools user's guide for more information.

BVRP mobile PhoneTools software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Use a Motorola Original USB cable to connect your phone to the external device. Open the protective cover and plug the USB cable into the USB connector port on your phone as shown. Plug the other end of the cable into the USB port on the device.
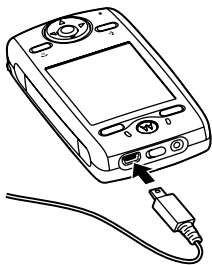
Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

Using an OTA Connection

You must create an Internet sync partner to synchronize your data over an OTA connection.

Tap 🌀 **Sync** in the application launcher screen, tap ☰, then tap **SyncML OTA setup** to configure your OTA connection settings as follows:

Note: Actual fields and their names may vary. Please contact your service provider for more information.

Option	Description
Data Paths	Locations and names of the folders (beneath the URL path) where your **Contacts**, **Calendar**, and **Tasks** data files are stored on the server
Server name	The URL for the server (you can omit **http://**)
User name	User name to log on to the server
Password	Password to log on to the server
Re-Enter password	Re-enter your password to log on to the server

To synchronize phone data with your Internet sync partner, tap 🌀 **Sync** in the application launcher screen, then tap **SyncML OTA**.

Your phone attempts to make a sync connection with the sync partner. This might take several minutes, if there are many entries to synchronize.

Your phone notifies you when data synchronization is complete, and displays a sync information screen. If synchronization is not successful, your phone displays the message **Sync Failed**.

Using a Modem Connection

You can use your phone as a modem, to connect your computer to the Internet or transfer data to/from the computer. To use the phone as a modem, you must connect it to the computer using a cable connection or wireless Bluetooth connection.

Tip: To connect your phone to the computer through a Bluetooth connection, make sure that your computer supports Bluetooth and has the correct drivers installed.

To access the Internet through a data call, configure the phone modem just as you would a standard computer modem.

1 Tap 🖄 **Modem** in the application launcher screen to display the modem setup screen.

2 Tap **Use** to select **USB Cable**, or **Bluetooth** as your connection method.

3 Tap **Find Device** to complete the modem connection.

When your phone indicates **Modem Status: Ready**, use your computer to access the Internet or transfer data just as you would with a standard computer modem.

Sending a Data Call

1 Open the application (such as dial-up-networking) on your computer, and place the call through the application.

Note: You cannot dial data numbers on your phone's keypad. You must dial them through the computer.

2 When the data transfer is complete, end the call from the connected device to close the connection.

Receiving a Data Call

1 Your phone notifies you when the data call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

2 When the data transfer is complete, end the call from the connected device to close the connection.

Adjusting Network Search Setup Values

Set how your phone searches for a network connection.

1 Tap $\diamondsuit$

2 Tap $\equiv$

3 Tap **Setup**, tap **Network Setup**

4 Tap $\equiv$, then tap **Search Setup** to open the network search setup menu.

Network search frequency **Band** options:

Option	Description
900/1800	900/1800 MHz bands (common in Europe and Asia).
1900	1900 MHz bands (common in North and South America).
Automatic	Scan for networks in all frequency bands.

Network search **Type** options:

Option	Description
Automatic	Scan for networks automatically based on priority.
Manual	View a list of all networks from which you can choose.

Network search **Speed** options:

Option	Description
Slow	Slowest network search and repeat rate.
Medium	Medium search/repeat.
Fast	Fast search/repeat.
Continuous	Continuous search until a network is found.

Viewing the Current Registered Network

Tap **Current Network** to display the current network ID.

Listing All Networks

Tap **Available Networks** to display a list of available networks, and register your phone with a network.

Setting Preferred Networks

You can create a preferred networks list, so that the phone searches for networks by your preference.

Tap **Preferred Networks** to display the preferred networks list.

Your home network is always the first entry in the list. Other network entries are sorted by preference.

Tap and hold on the network name to open a pop-up menu to perform various operations on the entry.

Option	Description
Reorder	Move the entry up or down in the preferred network list.
Register	Register with the network.
Delete	Delete the entry.

Tap ⬛ to add a new entry to the preferred network list.

Listing Known Networks

Tap **Known Networks** to display a list of all known networks.

Managing Your Files

The file manager application makes it easy for you to create personal folders to store and manage your files and applications.

Tap ⬛ **Files** in the application launcher screen to open the file manager.

Your phone lists the available storage devices (such as **Phone** memory, and an optional removable **SD Card** memory card). Tap a storage device to display the root directory for the device.

Editing Files and Folders

Tap and hold a file or folder to open a pop-up menu to perform various operations on the file/folder. The edit menu can include the following options:

Option	Description
Open With	Specify the application your phone should use to open the file (files only).
Install	Install the selected file (files only).
Copy or **Cut**	Copy or cut the file or folder to the clipboard. (Tap 🗐, then tap **Paste** to paste the clipboard contents in the current folder.)
Move To	Move the file or folder to a new location.
Rename	Rename the file or folder.
Delete	Delete the file or folder.
Share	Send the file to another phone, computer, or hand-held device (files only).
Properties	Display information about the file or folder.

Creating a New Folder

1 Tap 📁 **Files** in the application launcher screen to open the file manager.

2 Tap ▤ .

3 Tap **New Folder**

4 Enter a name for the folder.

5 Tap **Save** to save the folder.

Viewing

To change the way your files and folders are displayed, tap ▤ and **Thumbnail View / List**.

Sorting

To change the way your files and folders are sorted, tap ▤ and select **Sort by**. You can sort files or folders by **Name**, **Size**, **Time**, or **Type**.

Searching

To search for a specific file:

1 Tap ⊟ and select **More**, then **Search**.

2 Enter the name of the file in the **Files Name** field.

3 Specify the type of the search in the **File Type** field.

4 Tap **Search** to begin the search.

If the file is found, the filename is listed. Tap the filename to open the file.

If the file is not found, tap ↵ to return to the file manager screen, or tap **Retry** to try another search.

Using a Removable Memory Card

You can use an optional removable memory card with your phone to store and retrieve multimedia objects (such as photos and music files), address book entries, calendar events, messages, and other phone files.

Tap ⊟ **Files**, then tap the memory card's name to display its root directory. Tap ⊟ to perform various operations on the memory card. The storage device menu can include the following options:

Option	Description
New Folder	Create a new folder on storage device.
Thumbnail View / List	View storage device contents in a text-based **List** or graphic icon **Thumbnail** format.
Share	Share a file via Message, Email or Bluetooth.
Move	Move files or folders on the storage device or phone.
Paste	Paste the clipboard contents at the current location.
Sort By	Change the way files and folders are sorted.
Delete	Delete storage device contents.
Search	Search for a file or folder on the storage device.
Repair	Format the storage device.
Properties	Display information about the storage device.

Using Voice Instruction

You can use voice instructions to perform many basic phone functions. To use voice instructions with your phone, you must load the voice recognition application each time you turn on the phone.

Loading Voice Recognition

You must load the voice recognition application to use voice instructions with your phone.

Press and hold the Camera key on the right side of your phone until the **Loading Voice Recognition** message displays on the screen to indicate that voice recognition is loading.

When your phone displays **Load successful**, you can start using voice instructions. If your phone indicates that loading failed, try again to load the voice recognition application.

Using Voice Recognition

After loading the voice recognition application on your phone, press and hold the Camera key on the right side of your phone until the phone sounds an alert tone. Speak a voice instruction as described below, then release the Camera key to perform the corresponding function.

The voice instruction function operates in 2 modes: name/instruction mode, and digit mode. The default operating mode is name/instruction. When you speak the command "Open Digit Dial" your phone switches to digit mode so you can speak the phone number you want to dial.

Note: Your phone remains in digit mode for a few seconds after each number recognition, and then automatically returns to name/instruction mode.

Note: VR can also be used to open applications (Home Page, Open Setup, Open Camera, Open Email). For a list of all commands refer to the Voice Command submenu in Setup.

Voice Instructions

Press and hold the Camera key, and speak the voice instruction as described to perform the corresponding function.

"*contact name* + Mobile (Cellphone, Call) / Work (Office) / Home" – Your phone displays the corresponding number listed in your address book.

"Open Digit Dial" – Puts your phone in digit mode to dial a phone number. When your phone displays the phone keypad, press and hold the Camera key and speak the phone number you want to dial. Release the Camera key. Your phone recites the number you spoke, and displays the number on the keypad. If the number is correct, speak **"Dial Out"** to call the number. If the number is incorrect, press and hold the VR key and repeat the number you want to dial (within 10 seconds).

"Go Back" – Exit the current function screen. Return

"Redial" – Your phone recites the number you last dialed.

Note: Continue to hold the Camera key when speaking a voice instruction. If your phone does not recognize a spoken voice instruction, it prompts you to repeat the instruction.

Reciting

When voice recognition is loaded, you can set your phone to recite messages, feature icon names, address book contacts, and contact details, and prompt you to speak a phone number that you want to dial. For more information, see the following section.

Setting Voice Command Options

Note: To use these functions, you must install the voice instruction application described in the previous section.

To set your phone to recite the messages you open:

1 Tap ✕ **Setup** in the application launcher screen, then tap **Voice Command**.

2 Select **Talking Phone** to activate the message reciting function.

3 Tap **Save** to save your setting.

To set your phone to prompt you to speak a phone number you want to dial:

1 Tap ✕ **Setup** in the application launcher screen, then tap **Voice Command**.

2 Check the box next to **Digit Prompt** to activate the audible digit prompt function.

3 Tap **Save** to save your setting.

Press and hold the Camera key, then speak the voice instruction **"Open Digit Dial"** to put your phone in digit mode. When the phone is ready, it prompts you to speak the phone number by reciting **"Digits or go back."**

To set your phone to recite application launcher screen feature icon names, address book contact names, and detailed contact list items:

1 Tap ✕ **Setup** in the application launcher screen, then tap **Voice Command**.

2 Check the box next to **Talking Phone** to activate the reciting function.

3 Tap **Save** to save your setting.

Viewer

The viewer application provides an easy way for you to read documents stored on your phone.

Tap ⬠ Viewer in the application launcher screen to open the viewer application.

Your phone shows the file folders included on your phone. Tap a folder to view its contents. Tap a document to open it in the viewer.

You can scroll through a large document by dragging the stylus across the screen and "dragging" the document in the direction you want to move.

To zoom in or out on a document, tap the center of the screen, release, then quickly tap and hold the screen and drag the stylus up or down to adjust the document size.

To reflow the text or make other view adjustments, tap ☰ to open the menu, tap View, then tap Rotate Screen, Reload the document, Fit to Width, or Fit to Height.

For more information about how to use the viewer, tap ☰ to open the menu, then tap Help.

Personal Organizer

Calendar

You can use your phone's calendar to schedule and organize events such as appointments and meetings.

Note: You must set the correct time and date to use the calendar.

Tap ✑ **Calendar** in the application launcher screen to schedule or review calendar events.

Month View

The calendar initially displays a calendar for the month (shown at right).

Tap ◁ or ▷ to display the previous or next month.

An indicator in the date box indicates that one or more events are scheduled for the day. Tap the date box to display the day's events. Tap an event to display event details.

Week View

Tap the **Month** button in the bottom button bar, then select **Week** to display the week view (shown at right).

Tap ◀ or ▶ to display the previous or next week.

Filled boxes indicate scheduled events for the day. A filled box under a date of month indicates a full-day event. Tap the day to display the day's events. Tap an event to display event details.
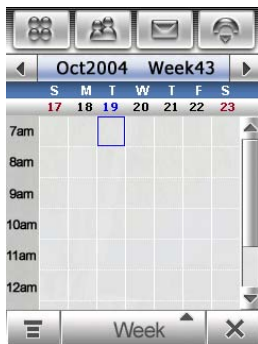
Day View

Tap a day in the month or week view to display the day's events (as shown at right).

Alternatively, you can tap the **Month** button in the bottom button bar, then select **Day** to display the highlighted day.

Tap ◀ or ▶ to display the previous or next day.

Tap an event to display event details.

Personal Organizer

Jumping to a Day

To quickly display the events for a specific day, tap ▤, then

tap **Go to day**. Your phone displays a calendar for the current year
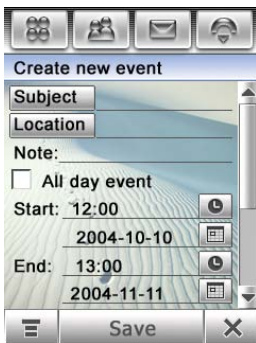
Tap ◁ or ▷ to display the calendar for the previous or

next year.

Tap a month and date, then tap **OK** to display the day's events.

Tap an event to display event details.

Adding a New Event

Note: You must create an event to use the reminder alarm. Your phone must be turned on for the reminder alarm to sound.

1 Tap ✍ **Calendar** in the application launcher screen to open the calendar.

2 Tap the day to which you want to add an event. Your phone lists the day's events.

3 Tap ☰ > New Event to open the new event editor.

4 Tap the direct line in a field to enter event details. Pull down the scroll bar to display additional fields.

5 When you are finished entering information, tap **Save** to store the event.

Tip: Tap ✔ to exit without storing the event.

Editing an Event

1 Tap the event to display event details.

2 Tap **Edit** to open the event editor.

3 Tap the direct line in a field to edit its contents. Pull down the scroll bar to display additional fields.

4 When you are finished editing information, tap **Save** to store the event.

Deleting an Event

1 Tap the event to display event details.

2 Tap ☰ , then tap **Delete**.

3 Tap **OK** to confirm the deletion.

Alternatively, to delete an event, tap and hold the event title, then select **Delete** from the pop-up menu.

Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm.

Tap **Snooze** to turn off the event reminder for a short period of time. The reminder displays again when the snooze period expires.

Tap **Cancel** to dismiss the event reminder.

If you have more than one event set up for the same time, the phone displays each event in sequence. As you read and dismiss each event reminder, the next event is displayed.

Changing the Calendar Setup

You can set the calendar's daily start time, the length of time that events are stored, lunar calendar, calendar default view, and reminder snooze period.

1 Tap *Calendar* in the application launcher screen to open the calendar.

2 Tap , then tap **Setup**.

3 Tap a field to change its setting. Pull down the scroll bar to display additional fields.

4 When you are finished changing settings, tap **Save** to store your settings.

Sharing Event Information

You can share calendar events with others by sending the data as a vCalendar entry to another phone, computer, or hand-held device.

1 Tap ✍ **Calendar** in the application launcher screen to open the calendar.

2 Tap the name of the event you want to send. Your phone displays event details.

3 Tap ▤ , then tap **Share**.

4 Tap **Bluetooth**, then tap **OK** to exchange the data through a Bluetooth® wireless connection. Tap **Message** or **Email**, then tap **OK** to send the event data in an MMS or email message.

5 Complete the setup procedure for the transfer method you selected.

6 Tap **Send** to send the event information in a vCalendar entry.

For more information about using a Bluetooth wireless connection, see page 42.

Personal Organizer

Tasks

You can create and review a checklist of tasks you need to perform, and set your phone to notify you when tasks come due.

Adding a New Task

1 Tap ✎ **Tasks** in the application launcher screen to display the task list.

2 Tap 🔳 to open the menu, then tap **New**.

3 Tap the direct line in a field to enter task details.

4 When you are finished entering information, tap **Save** to store the task.

Tip: Tap ✔ to exit without storing the event.

Viewing Tasks

Tap ✎ **Tasks** in the application launcher screen to display the task list. Tap a task to display its details. Tap the check box ☐ preceding the task name to indicate that you have completed the task.

Tap and hold on a task to open a pop-up menu from which you can select to **Share**, **Delete**, or **Edit** the task.

To sort the task list, tap the *sort order* button in the bottom button bar. You can choose to display **All Tasks**, **Unchecked** tasks, **Due Tasks**, or **Completed** tasks.

Tap 🔳 to perform various operations on the task list.

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Note Pad

You can write and store notes on your phone.

1 Tap 🗒 **Notes** in the application launcher screen to open the note pad editor.

2 Tap the text line and enter the information on the keypad you want to record.

3 When you are finished entering information, tap to close the keypad and tap **Save**.

4 Enter a name, storage location, and type for the note.

5 Tap **Save** to save the note.

To read a note that you have saved, tap ☰ , tap **Open**, then select the note you want to open.

Personal Organizer

Drawing Pad

Use the drawing pad to create drawings and illustrations, or edit photos and images stored on your phone.

Tap ✗ **Draw** in the application launcher screen to open the drawing pad editor.

To draw a new picture:

- tap the drawing tool in the upper left of the screen (shown at right)

- tap the color picker (in the upper right corner of the drawing pad editor) to set a drawing color

- tap and select a zoom factor to zoom in/out on the drawing canvas

- tap **Save** to save your drawing

- enter the desired name of your drawing, file location and file type

- tap **Save**
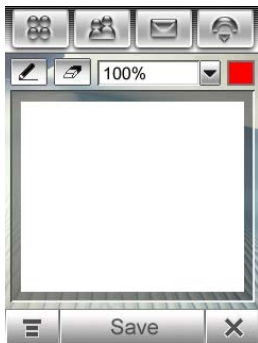
To edit an existing picture, tap ▤, tap **Open**, then select the picture you want to open. Use the drawing tools to edit the picture.

Tip: Tap and hold a selected area on the picture to open a pop-up menu from which you can select **Copy**, **Cut**, or **Paste** into the selected area.

Tap ☰ to perform various drawing-related operations:

Option	Description
New	Open a blank canvas to create a new picture.
Undo or **Redo**	Undo or redo the last drawing operation.
Open	Open an existing picture.
Share	Share the picture.
Insert Stamp	Insert another image into the picture.
Choose Canvas	Select the drawing canvas size.
Delete	Delete the picture.

To save a picture:

1 Tap **Save**.

2 Enter a name, storage location, and type for the picture.

3 Tap **Save** to save the picture.

Alarm Clock

Your phone has an alarm clock with 2 separate alarms that you can set to alert you at the time(s) you specify.

1 Tap 🕐 **Alarm** in the application launcher screen to display the alarm clock setup screen (shown at right).

2 Tap a check box ☐ to activate the alarm. A check mark ☑ indicates that the alarm is activated.

3 Tap below the alarm name to set the alarm time. Set the desired time, then tap **OK** to store it.

4 Tap **Snooze** to set the snooze period.

5 Tap **Save** to store your settings.
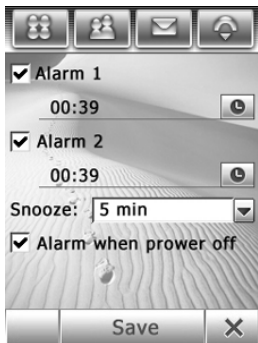
When the alarm expires, your phone displays an alarm reminder and sounds an alert.

Tap **Snooze** to turn off the event reminder for a short period of time. The alarm sounds again when the snooze period expires.

Tap **Cancel** to turn off the alarm.

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When you select **Alarm when powered off** in the alarm clock setup screen, your phone turns itself on if necessary to alert you when the alarm expires.

World Time

Your phone can display the current time and date for multiple cities around the world.

Tap the **Time** icon in the application launcher screen to display the world time screen (shown at right).

To replace a city listing in the world time screen, tap the city name and tap Browse to display the time zone chart. Tap the city name again to display a city list. Select a new city, then tap **OK** to store it.
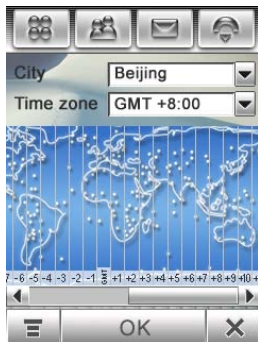
Alternatively, tap a time zone in the time zone map to display a list of cities in that time zone. Select a new city, then tap **OK** to store it.

You can reset the time and date for a listed city. Tap the time and/or date field to change it. Tap **OK** to save your changes.

Personal Organizer

Voice Recorder

You can record personal messages and phone calls on your phone.

Making a Recording

Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

1 Tap ♪ **Recorder** in the application launcher screen to activate the recorder (shown at right).

2 Tap ● to start recording.

3 Speak into the phone.

4 Tap ■ to stop recording. The voice record is automatically saved to the **MyAudio** folder on your phone.

5 To play back the voice record you just made, tap ▶. To stop playback, tap ■.

Playing a Recording

1 Tap ♪ **Recorder** in the application launcher screen to activate the recorder.

2 Tap ☰, then tap **Open** to open the **MyAudio** folder.

Personal Organizer

3 Tap the voice record you want to play, then tap **Open** to play it.

Tip: The voice record name identifies the date and time when the file was recorded. The recording date and time is also displayed when you play the voice record.

Changing the Voice Record Storage Location

1 Tap ▤, tap **Setup** , then tap the folder tree icon in the **Setup** field.

2 Select a folder, then tap **OK** to set it as the new storage location.

3 Tap **Save** to save the new storage location.

Calculator

You can use your phone as a calculator.

Tap ◈ **Calculate** in the application launcher screen to display the calculator (shown at right).

Tap the numeric and calculation keys to perform a calculation.

Tap = to calculate the result.

Tap **C** to clear the calculation. Tap ← to clear the last entry, one digit at a time, when performing a calculation.

Tap **✕** to return to the application launcher screen.

Tap the following keys to perform the described functions:

Function	Description
+/-	Change the entry's sign (positive/negative).
M	Store the sum of the current calculation result, and the stored number.
MR	Display the stored number.
MC	Clear the stored number.

Security

Locking the SIM Card

Your *Personal Identification Number* (PIN) code protects the information stored on your SIM card. When the SIM card is locked, you must enter your SIM card PIN code to unlock the SIM card each time you turn on the phone or insert the SIM card in the phone. Your SIM card PIN code is given to you by your service provider.

1 Tap **Setup** then **Security** in the application launcher screen, then tap **PIN Request On** or **PIN Request Off** to activate or deactivate the feature.

2 Enter your SIM card PIN1 code when prompted, and then tap **OK** to submit your code and save your setting.

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM PIN1 Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM PIN Blocked** when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

News and Entertainment

Micro-Browser

The micro-browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.

Note: Your phone may use a high-speed *General Packet Radio Service* (GPRS) network connection. This type of connection is identified by a (**G**) indicator in the status bar. If the (**G**) indicator is blacked out or not visible during a micro-browser session, your phone is using a standard CSD voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

Starting a Micro-Browser Session

Tap 🌐 **Browser** in the application launcher screen to launch the micro-browser. Your phone displays the micro-browser startup screen.

Tap a bookmark, service, or application to select it.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

Pull down the scroll bar to scroll through a text page or option list. Tap an option to select it. Tap ↵ at any time to return to the previous screen.

Some Web pages may contain text fields for exchanging information with a Web site. Tap the field and enter text in the usual way.

Tap 🔳 to perform various micro-browser operations. The micro-browser menu can include the following options:

Option	Description
Go To page	Enter a Web address (URL) to go to a Web site.
Home	Go to the homepage of the current Browser profile.
Bookmarks	Display a list of your bookmarks. Add, edit, delete, share a bookmark and open a Web site through a bookmark.
History	Display a list of Web sites you have visited. Open a Web site through history, delete a history.
File	Open, save a file, copy, share a file and About Opera.
View	Adjust the view of the content in the window, zoom in or out on the content.

Option	Description
Active page	Show the address of the active page, add to bookmark, use as home page, show security level of active page, show server certificate and change encoding of active page.
Setup	Add and edit profiles, adjust Browser settings, show SSL and WTLS certificates, delete cache and cookies.

Downloading Files

You can download a file, game, or application from a Web page onto your phone by selecting its link.

You must specify the location where you wish to save the file, and your phone must have sufficient memory storage space to store the file.

You can purchase a variety of games, applications, and multimedia content for your phone. In most cases, you can download and preview content before you purchase it. After previewing the content, you can choose to discard it, or purchase it and install it on your phone.

Notes:

- Call charges apply during download sessions.
- Some games might make your phone vibrate. Some ring tones vibrate automatically. If you use

one of these tones, your phone vibrates even
when it is not set to a vibrate ring style.

Disconnecting From the Internet

Tap **X** and **OK** to disconnect from the Internet and
exit the micro-browser application.

Using Network Connection Profiles

You can use different Internet accounts to
connect to the Internet in different ways. Use
the network feature to select or create a
network connection profile for an Internet
account.

Selecting a Profile

To select a network connection profile, select **Data
Network** of Setup in the application launcher screen.

Creating a New Profile

To create a new network connection profile, you
must enter the following configuration settings.

1 Select **Data Network** of Setup in the application
   launcher screen to display the Internet Profile
   screen.

2 Select **New** in the popup menu.

3 Tap the direct line in a field to enter the setting.
   Pull down the scroll bar to display additional
   fields.

4 When you are finished entering information, tap **Save** to store the profile.

If necessary, contact your service provider to obtain the following information:

Option	Description
Profile Name	Enter the profile name.
GPRS APN	GPRS access point name (the name of the WAP service provider).
GPRS User Name	User name for GPRS APN connection.
GPRS Password	Password for GPRS APN connection.
GPRS Timeout	Time at which the phone exits the micro-browser application when no keypress activity is detected.
GPRS DNS Server 1 and **2**	Primary and backup DNS IP servers.
CSD Dial In Number	Phone number to use to set up a CSD connection.
CSD User Name	User name for CSD connection.
CSD Password	Password for CSD connection.
CSD Baud Rate	Connection speed for CSD connection.
CSD Line Type	Line type (modem or ISDN) for CSD connection.

Option	Description
CSD Timeout	Time at which the phone exits the micro-browser application when no keypress activity is detected.
CSD DNS Server 1 and **2**	Primary and backup DNS IP servers.

Tip: Tap ↵ to exit without storing the profile.

Games and Applications

Your phone may contain Java™ games or applications that add features and functionality to your phone.

STK

Your SIM card may contain additional *SIM Toolkit* (STK) applications that add features and functionality to your phone.

Tap ⬛ **STK** on the application launcher screen to display a list of the STK applications available for you to use.

Tap a service or feature to select it. Your phone displays the service or feature screen.

Pull down the scroll bar to scroll through a text page or option list. Tap an option to select it. Tap ↙ at any time to return to the previous screen.

Some screens may contain text fields where you must provide information in order to use a service or feature. Tap the field and enter text in the usual way.

For more information about the STK applications available on your SIM card, contact your service provider.

Radio

You can use your phone to listen to FM radio stations when the optional Motorola Original™ FM Stereo Radio Headset accessory is plugged into the phone's headset jack.

Optional Accessory

Tap **FM radio** in the main screen to turn on the radio and access the radio controls (shown at right).

Alternatively, you can press game key "B" at any time to turn on the radio and/or access the radio controls.

Tuning a Station

Tap or to step down or up to the next frequency setting.

Tap or to search and set the previous or next active FM station.

Using Preset Channels

Tap to assign a channel number to the current tuned station.

Tap or to select the previous or next channel.

Adjusting Radio Settings

Tap the volume slider to adjust the radio volume.

Alternatively, you can press the volume keys to adjust radio volume.

Tap ⊛ to mute the radio.

Tap **Hide** to hide the radio when you want to use the phone screen for other applications. The radio continues to play.

Tap ▤ to edit radio channels, play the radio through your phone's stereo speakers, or set the radio to play mono or stereo sound.

Sending and Receiving Calls With the Radio On

Your phone rings or vibrates as usual to notify you of an incoming call, message, or other event. You can answer the call, or ignore the call and continue listening to the radio.

If you answer the call, tap **End** as usual to end the call and resume the FM broadcast.

You do not have to turn off the radio to make outgoing calls. The radio is muted automatically when you dial an outgoing call from the phone keypad.

Troubleshooting

Question	Answer
Is your battery charged? Do you see ▭ in the display?	The battery level indicator ▭ should have at least 1 segment showing. If it does not, recharge your battery (see page 29.)
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card (see page 22).
Does the handset have a signal? Do you see ⌃ in the display?	The signal strength indicator ⌃ should have at least 1 segment showing. If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.

Question	Answer
Is the other party unable to hear you?	Your phone may be muted. Tap Mute if necessary to unmute the phone.
	Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See page 57.

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold the power key for 2 seconds, until the display appears and you hear an alert. If nothing happens, check that a charged battery is installed (see page 26).
The display says: No SIM Card **even though I have inserted my SIM card in the phone.**	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly (see page 22).
The display says: SIM Blocked. **How do I unblock my SIM card?**	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code (see page 150).
The display says: Enter Unlock Code. **How do I unlock my phone?**	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).

Problem	Solution
My phone does not ring.	Check the ring style setting whether the ringer is turned off. To change the ring style, see page 59.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Problem	Solution
I cannot send/receive calls.	Make sure that you have a phone signal (the signal strength indicator ⚠ should have at least 1 segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. Your phone also may have the call barring feature turned on. If you know the call barring password, you can change this setting in the security menu (tap **Setup > Security** in the application launcher screen, then tap **Call Barring**). Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure you have a phone signal (the signal strength indicator ⚠ should have at least 1 segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.

Problem	Solution
I cannot hear others on my phone.	While on a call, press the upper volume key. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received:
	1 Tap 🕾 **Calls** in the application launcher screen.
	2 Tap **Answered Calls**, **Missed Calls**, or **Dialed Calls**.
	3 Tap an entry to display call details.
	4 Tap **Call** to call the entry's number.
My phone's display is too dark.	Use the **Backlight** feature to change the brightness level in your display (see page 60).
	You can also use the **Backlight Sleep Time** feature to change the length of time that the display backlight stays on (see page 60).

Problem	Solution
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 25.
I am unable to create a voice record	Try moving to a quieter location to make your voice recording. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
I launched the micro-browser but the display says: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Troubleshooting

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines . These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.5 W/kg [1]. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.[2] In this case, the highest tested SAR value is 0.59W/kg.[1]

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure

then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (http://www.who.int/emf) or Motorola, Inc. (http://www.motorola.com/rfhealth).

1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

2. Please see the *Safety and General Information* section about body worn operation.

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