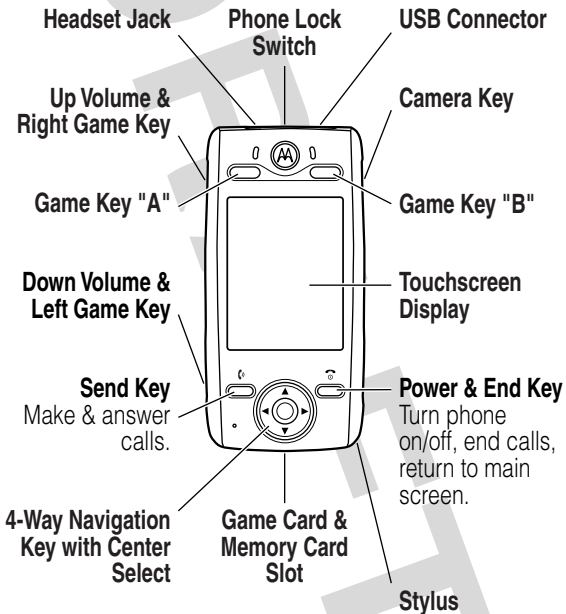**INSTRUCTION MANUAL**

An English version preliminary draft copy of the Users Manual follows:
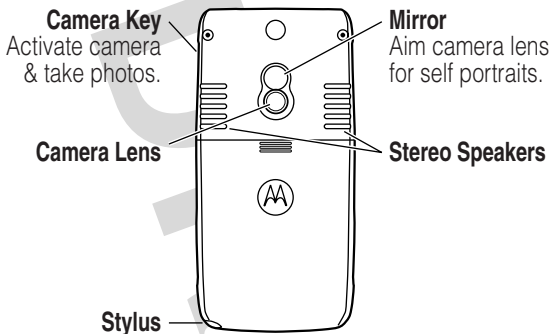
EXHIBIT 8

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E680 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.

Feature	Description
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**.
Read Multimedia Message	Read a new multimedia message that you have received: Tap ❶, tap **Download**, tap ▶ to play.
Play Music or Video Clip	Play a song or watch a video clip stored on your phone: Tap ① **Media**, tap 🗐, then tap **Open**. Tap **File**, then tap *filename* to play.
Wireless Connection	Set up a Bluetooth® wireless connection to a headset accessory, car kit, or external device: Tap 🔷 **Bluetooth**, tap 🗐, tap **Setup**. Tap **Turn On**. Tap **Search** to locate the Bluetooth device.
Phone Theme	Apply a phone theme: Tap 🎨 **Theme**, tap and hold *theme name*, tap **Set to Current**.

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Contents

Safety and General Information

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

The information provided in this document supersedes the general safety information in user's guides published prior to December 1, 2002.

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 procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

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. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

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

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, 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 1 inch (2.5 centimeters) 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 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antennas, 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.

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

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) 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.
- 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 may be found in the "Wireless Phone Safety Tips" at the end of this manual and 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.

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.

Batteries

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 quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

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

Symbol	Definition
⚠	Important safety information will follow.
⚠ (fire)	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.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing

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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 play games on your phone, 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.

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

CE0168

Type: MC2-41H14
```

Product Approval Number

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.

Getting Started

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

About This Guide

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

Note: A *More Here* reference guide for your phone is also available that describes your phone's features in more detail.

To obtain the *More Here* guide for your phone, or another copy of this guide, see the Motorola Web site at:

http://motorola.com/consumer/manuals (U.S.A.)
http://motorola.ca/consumer (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 (U.S.A.) or 1-800-461-4575 (Canada).

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.

Installing the SIM Card

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

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

1.
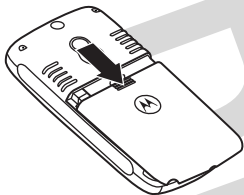
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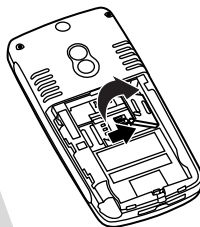
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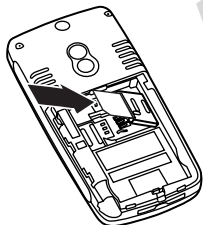
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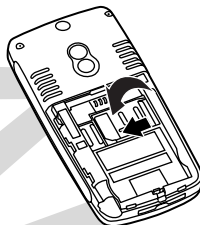
Installing a Memory Card

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).

Note: Due to a known Microsoft® Windows® USB driver issue, a computer running Windows 2000 with Service Pack 1 or Service Pack 2 will not recognize a memory card inserted into your phone when you attempt to transfer or synchronize data between your phone and computer through a USB cable connection.

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.

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

Note: Your phone battery may be enclosed in a protective clear plastic case. Remove the battery from the case before attempting to install it.

1.

2.

3.
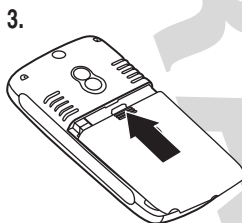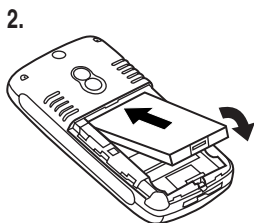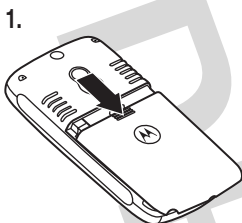
Charging the Battery

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 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.
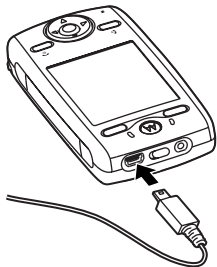
2 Plug the other end of the travel charger into the appropriate electrical outlet.

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.

Turning Your Phone On

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

   Note: It may take up to 4 seconds for the display to illuminate after you turn the phone on.
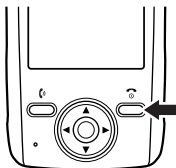
2 If necessary, enter your SIM card PIN code and tap **OK** to unlock the SIM card.

   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
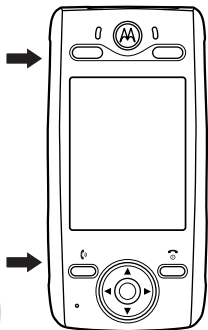
Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

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 **Send** to make the call.

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

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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.
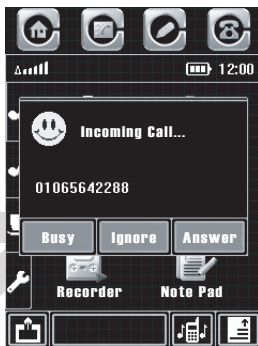
Changing the Call Alert

Tap in the bottom button bar in the home screen to change the call alert setting.

Viewing Your Phone Number

To view your phone number:

1 Tap 🔂 in the top application selector 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 52. 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.
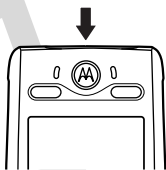
Highlight Features

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.

To activate the camera from the main screen, tap
📷 Camera.

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.

Number of Additional Photos/Minutes of Video Storage Space Left

Zoom 1x

Tap to take photo or record video.

Tap to view photo or video.

Tap to open camera menu.
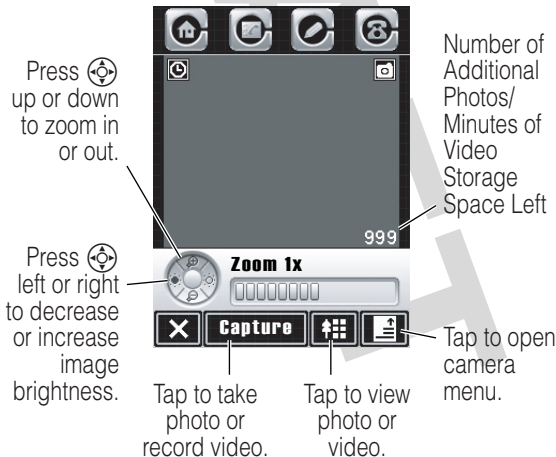
Using the Viewfinder

Point the camera lens at the photo subject. Press ⊙ as indicated to zoom in/out and adjust image brightness.

The number in the lower-right corner 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 upper-right corner of the viewfinder changes to 🔲 to show that the camera is in photo mode.

Recording a Video

Tap 🖺, then tap **Record Video** to put the camera in video mode. The mode indicator in the upper-right corner of the viewfinder changes to 🎦 to show that the camera is in video mode.

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

Previewing a Photo or Video

Tap 🔢 to preview your new photo or video. When previewing a video, tap ▶ to play the video.

Tap ◀ or ▶ at the top of the display to view the previous or next photo or video.

To delete a photo or video, tap 🗑.

Tap 📑 to perform various operations on your photo and video files.

Using Effects

Tap 📑, then tap **Effects** to open the camera effects menu.

You can adjust the **Brightness** of your photo or video, specify the **Light** conditions, and select a photo **Style** (such as **Black and White** or **Sepia** tones).

Adjusting Setup Options

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

You can set or adjust the following options:

Option	Description
Photo	Set the **Size** and image **Quality** of the photos you take.
Video	Set the **Size** and image **Quality** of the videos you record.
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 ⬆, then tap **Delay Timer On** to activate the delay timer. The timer indicator 🕒 displays in the upper-left corner of the viewfinder.

Tap **Start** to activate the timer. The timer counts down from 10 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. When you hear the camera click, tap 🔳 to view your photo.

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 ![pen icon] in the top application selector bar to go to the message center.

2 Tap **Compose**.

3 Tap the *message type* pull-down menu, then tap **MMS** to open the MMS message composition screen (shown at right).
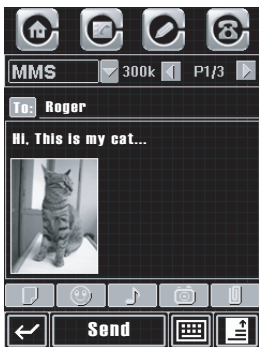
4 Tap ![keyboard icon], then tap a text entry method to enter text on the page. When you are finished, tap **Hide Keyboard** to hide the text entry keyboard or pad.

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.

![smiley icon]	Tap to insert a picture, video, or new drawing on the page.
![note icon]	Tap to insert a sound file or new voice record on the page.
![camera icon]	Tap to activate the **Camera**, take a photo, and insert it on the page.
![attach icon]	Tap to attach a contact, event, task, or file to the message.

6 To add a new page after the current page, tap 🗐. Repeat steps 4 and 5 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 🗐 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 card, quick text note, or auto-signature on the page.
Save To	Save the message to the **Drafts** folder, or save it a quick card.
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 network server 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 top application selector 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.
Save As Quick Card	Save the current MMS page as a quick card. You can insert the quick card into MMS messages that you compose.
Move To Folder	Move the message to another message center folder.
Delete Message	Delete the message.

Using the RealOne Media Player

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

Tap ① **Media** in the main screen to launch the media player.

Alternatively, you can press game key "A" at any time 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 **Now Playing** to display the name of the current media file. When the now playing list is displayed, tap **My Lib.** to add other files to the now playing list. Tap 📄 to play other

Highlight Features

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 main screen to display the device list.

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

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

4 Tap **Done** to save the setting.

Searching for Other Devices

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

1 Tap 📲 **Bluetooth** in the main 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. 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 main screen to display the device list.

2 If necessary, turn Bluetooth on.

3 Tap **Discoverable** to put your phone into discoverable mode until a connection is made, or until 60 seconds elapse.

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 **Drop** to drop the connection.

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** 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

Main screen page 1 is displayed when you turn on your phone.
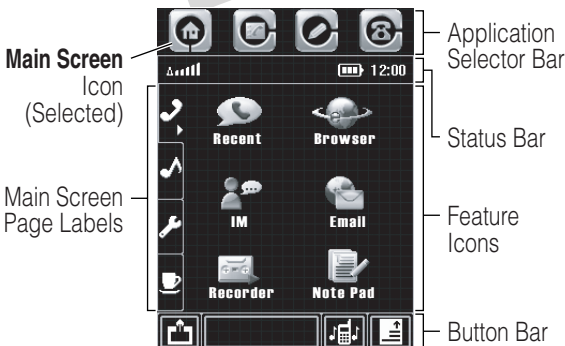
You can use all of your phone's features by tapping on feature icons, buttons, and text with the provided stylus. Tap a page label on the left side of the screen to display main screen pages 1, 2, 3, or 4. Tap on a feature icon to select the feature.

Note: Your home 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 the background image changes based on the phone theme you select.

Application Selector Bar

Icons in the application selector bar give you easy access to commonly used applications:

🏠	**Main Screen**	Go to the main 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 application selector 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

3. Bluetooth

5. Clock

⟁ₐₐₙ₎ **GPRS** ✳ ▱▱▱ 12:00

2. GPRS

4. Battery
Level
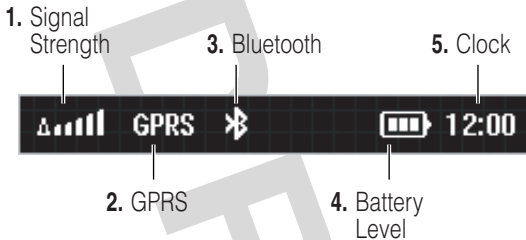
1. Signal Strength Indicator – Vertical bars show the
strength of the network connection. You cannot make or
receive calls when the ⟁ (no signal) indicator or ⟁✕ (no
transmit) indicator is displayed.

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

5. Clock – Shows the current time.

Button Bar

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

⤴ **Return**		Tap to return to the previous screen, or to exit a feature or application.
▤ **Menu**		Press to open a context sensitive menu.
♫ **Ring Style**		Tap to set the ring style, and select one of the following settings:

ᐧᖰ♪ = ring alert

ᗚ╫ᖰ = vibrate alert

ᗚᖰ♪ = vibrate then ring

ᖰ = silent

The button bar also displays the name of your service provider when your SIM card is inserted in the phone.

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 ⟨⦿⟩
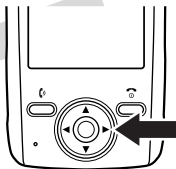
in the center of the 4-way navigation key to select a highlighted item.

Note: This guide describes how to use the stylus and touchscreen control to use phone features. In most cases, it does not include the equivalent navigation key for using the feature.

Using the Game Keys

You can use the up/down volume keys and dedicated game keys "A" and "B" (see page 1) to control games that you play on your phone. See the game's playing instructions for additional information.

When you are **not** playing a game, you can perform the following actions:

- Press game key "A" at any time to launch the RealOne Media Player (see page 34).
- Press game key "B" at any time to to turn on the radio and/or access the radio controls (page 83).

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 application selector bar at the top of the screen. These icons are always visible on the screen.

- Tap 🏠 in the top application selector bar to go to the main screen. The main screen displays icons for all of your phone's features. Tap a page label on the left side of the screen to display main screen pages 1, 2, 3, or 4. Tap on a feature icon to select the feature.

The following icons identify features available on the main screens:

⏰ **Alarm**	📱 **Bluetooth**
🌐 **Browser**	🔢 **Calculator**
📅 **Calendar**	📷 **Camera**
✏️ **Drawing**	📧 **Email**
📁 **File Manager**	💬 **IM**
① **Media**	🌍 **Modem**
🌐 **Network**	📝 **Note Pad**
📻 **Radio**	☎️ **Recent**
🎙️ **Recorder**	🔒 **Security**
🛠️ **Setup**	💳 **STK**
🔄 **Sync**	📋 **Tasks**
🖼️ **Theme**	🕐 **Time**

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Your phone may contain additional Java™ games or applications that add features and functionality to your phone. Java games and applications are accessed from the main screen on your phone.

Tip: You can set your phone to display the main 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 47.

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.

Zhuyin Keyboard

Use the Zhuyin keyboard (shown at right) to enter Chinese characters using Zhuyin symbols. Keyboard operation is similar to the Pinyin keyboard described above.

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.

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 Speaker

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.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

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 the main screen, tap the **Security** button in the bottom button bar, then tap **Password** to open the change passwords screen.

Locking and Unlocking Your Phone

You can lock your phone to prevent unauthorized use.

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 60).

Locking Your Phone

Tap 🔒 **Security** in the main screen, then tap **Phone Lock 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 that does not work, do the following at the **Enter Unlock Code** prompt: Tap 🖹 to display the unlock code bypass screen. Enter your security code, then tap **OK** to submit the security code.

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Using the Address Book

This section describes basic address book operations. For more information about using the address book, see page 70 and the *More Here* guide (described on page 15).

Viewing Your Contact List

Tap 🔾 in the top application selector bar. To change the way your contact list is displayed, tap 🖹 and select **List View** or **Thumbnail View**.

Adding a New Contact

Tap ⭕ in the top application selector bar. Tap 🗐, then tap **New Contact**. Tap the direct line in each field to enter contact details. Tap **Done** to store the contact.

Calling a Number

Tap ⭕ in the top application selector bar. Tap a contact name to display its details. Tap the phone number next to the call indicator 📱 to call the number.

Viewing Entries By Category

Tap ⭕ in the top application selector bar. Tap the *category* button in the bottom button bar and select a category name (**All**, **Unfiled**, or **SIM Card**) to display only the contacts in that category.

Searching For a Contact

Tap ⭕ in the top application selector bar. Tap 🗐, then tap **Find Contacts**. Select **Contact's Name**, **Number**, or **Other**, enter the desired information in the **Find For** field, then tap **Find**.

Setting Up Your Phone

Storing Your Name and Phone Number

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

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

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

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

5 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 🔧 **Setup** in the main screen, then tap **Date and Time**.

2 Tap **Date** to set the date on the date setup calendar (shown at right).

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

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 3 different ring styles, or turn off the incoming call alert. To set a ring style, tap the *ring style* button in the main screen and select one of the ring styles described on page 42.

Setting a Phone Theme

A *phone theme* consists of a set of images, sounds, and user interface settings that you can apply collectively to your phone. A phone theme includes the following components:

- wallpaper image
- screen font size
- incoming call ring tones (lines 1 and 2)
- incoming message ring tone
- general alert tone
- power up screen image
  - power down screen image

The *wallpaper* image is a photo, picture, or animation that appears in your phone's display when no feature or application is selected.

Ring tones are alerts that notify you of incoming calls, messages, and phone events.

You can modify a theme's components to customize the theme for your phone.

Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Note: The background image that appears in your phone's main screen changes based on the phone theme you select. You cannot change the background image for a selected theme.

Downloading a Theme

To download a theme from the micro-browser, see page 82.

Selecting a Theme

You can apply any of the themes installed on your phone.

1 Tap 🔧 **Theme** in the main screen to display the theme screen.

2 Tap and hold the *theme name* to open a pop-up menu, then tap **Set to Current**.

Configuring a Theme

You can change a theme's settings to customize the theme for your phone.

1 Tap 🔧 **Theme** in the main screen to display the theme screen.

2 Tap the *theme name* to open the theme edit menu.

3 Edit theme settings as desired, then tap **Done** to save your changes.

Tip: To reset the default theme settings, tap and hold the *theme name* to open a pop-up menu, then tap **Reset to Default**.

Deleting a Theme

You cannot delete the preloaded themes on your phone. To delete a theme that you have downloaded and installed:

1 Tap ✏️ **Theme** in the main screen to display the theme screen.

2 Tap and hold the *theme name* to open a pop-up menu, then tap **Delete**.

Setting Backlight Brightness and Duration

1 Tap 🔧 **Setup** in the main screen, then tap **Backlight Setup**.

2 Tap ◀ and ▶ to decrease or increase backlight brightness.

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

4 Tap **Done** 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.

Tap 🔧 **Setup** in the main 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. Set **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 **On** to activate the feature, then tap Off Time to specify the period of inactivity, in hours and minutes, after which your phone turns itself off.

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

Calling Features

For basic instructions on how to make and answer calls, see page 23.

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 top application selector bar to display the phone keypad.

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

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

Redialing a Number

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

2 Tap 🔄, then tap **Dialed Calls** to 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.

Using Caller ID

Incoming Calls

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

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 70.

Outgoing Calls

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

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

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

Calling Features

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 an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 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

Calling Features

placed due to network, environmental, or interference issues.

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

2 Tap the keypad keys to dial the emergency number.

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

Dialing International Numbers

When the phone keypad is displayed, tap and hold 0️⃣ 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 **Send** 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 application selector 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 application selector 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 application selector 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 **Send** to make the call.

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

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 **Send** 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 **Send** to transfer the call.

Calling Features

Phone Features

This section helps you locate and use additional phone features that are not described in this guide. For more detailed information, see the *More Here* guide (described on page 15).

Calling Features

Feature	Description	
Recent Calls	View recent answered calls, missed calls, and dialed calls: Tap 📞 **Recent**, tap a call list.	Network/Subscription Dependent Feature
Conference Call	During a call: Tap 🎹, tap keypad keys to dial next number, tap **Send**, tap **Link**.	Network/Subscription Dependent Feature
Call Forwarding	Set up or cancel call forwarding: Tap ⚙, tap **Setup**, tap **Call Divert**	Network/Subscription Dependent Feature
Call Barring	Restrict outgoing or incoming calls: Tap 🔒 **Security**, tap **Call Barring**	Network/Subscription Dependent Feature

Messages

Feature	Description
Send Text Message	Send a text SMS message: Tap ![icon], tap **Compose**, tap the *message type* menu and select **SMS**.
Send Multimedia Message	Send a multimedia MMS message: Tap ![icon], tap **Compose**, tap the *message type* menu and select **MMS**.
Signature	Create a signature for messages you send: Tap ![icon], tap ![icon], tap **Signature Editing**.
View Unsent Messages	View the status of unsent outgoing messages: Tap ![icon], tap **Outbox**.
Receive Message	When your phone notifies you that you have received a new text SMS message or multimedia MMS message: Tap ![icon], tap **Read** (SMS message) or **Download** (MMS message).

Phone Features

Feature	Description
Read Message	Read a received message stored in your inbox: Tap ![icon], tap **Inbox**, tap the message. **Tip:** Tap ![icon] to perform various operations on the message.
Store Message Objects	Open the message, then: Tap ![icon], tap **Store** (SMS message) or **Save File** (MMS message).
Create Personal Folder	Create a personal folder to store your messages: Tap ![icon], tap ![icon], tap **New Folder**.
Move Messages	Move a message to a new folder: Tap ![icon], tap the folder containing the message, tap and hold the message, then select **Move to Folder**.
Inbox Setup	Set up or edit SMS and MMS message inbox settings: Tap ![icon], tap ![icon], tap **Service Setup**.

Instant Messaging

Feature	Description	
Log In	Log in to instant messaging: Tap 👤 **IM**, enter your **User ID** and **Password**, tap **Login**.	Network/Subscription Dependent Feature
Start Conversation	Start a conversation: From your contact list, tap a name in **Online Contacts**, tap **Write IM**.	Network/Subscription Dependent Feature
Set Online Status	Show your online status to other IM users: Tap **My Status**.	Network/Subscription Dependent Feature
Add Contact	Add a buddy to your contact list: From your contact list, tap 📄, tap **Add Buddy**.	Network/Subscription Dependent Feature
Remove Contact	Remove a buddy from your contact list: From your contact list, tap and hold the contact name, then select **Delete Buddy**.	Network/Subscription Dependent Feature
Log Out	Log out of instant messaging: Tap **Log Out** from the IM online screen.	Network/Subscription Dependent Feature

Email

Feature	Description	
Send Email Message	Send an email message: Tap 📧 **Email**, tap 🗐.	Network/Subscription Dependent Feature
Receive Email Message	When your phone notifies you that you have received a new email message: Tap ❶, tap **Download**.	Network/Subscription Dependent Feature
Read Email Message	Read a received email message stored in your inbox: Tap 📧 **Email**, tap **Inbox**, tap the message. **Tip:** Tap 📄 to perform various operations on the message.	Network/Subscription Dependent Feature
Email Inbox Setup	Set up or edit the email message inbox settings: Tap 📧 **Email**, tap 📄, tap **Mailbox Setup**.	Network/Subscription Dependent Feature

Address Book

Feature	Description
Add New Contact	Add a new contact to the address book: Tap 📇, tap 🗐, tap **New Contact**.

Feature	Description
Create Group	Create a group mailing list as an address book entry: Tap ⬜️, tap ⊞, then tap **New SMS Group**, **New MMS Group**, or **New Email Group**.
Call or Send Message	Call or send a message to an address book contact: Tap ⬜️, then tap the contact name. • Tap the phone number next to the call indicator 📱 to call the number. • Tap the phone number next to the message indicator 📑 to send an SMS or MMS message to the number. • Tap the email address next to the email indicator ✉ to send an email or MMS message to the address.
Fast Dial a Contact	Call a contact's fast dial number: Tap ⬜️, then tap and hold the contact name.
Set the Fast Dial Number	Set the fast dial number for a contact stored in phone memory: Tap ⬜️, tap the contact name, tap **Edit**, tap 🗐, tap **Select Fast Dial**.

Feature	Description
Set Category View	Display contacts by category: From the contact list, tap the *category* button and select **All**, **Unfiled**, or **SIM Card**.
Set Category Ring Tone	Assign a distinctive ring tone to an address book category: Tap 🖉, tap ≣, tap **Category Setting**, tap **Categories** and select the category, tap **Ring Tones** and select a ring tone.
Search For Contact	Locate a contact in the address book: Tap 🖉, tap ≣, tap **Find Contacts**.
Edit Contact	Edit an address book contact: From the contact list, tap a contact name, then tap **Edit**.
Delete Contact	Delete an address book contact: Tap 🖉, tap ≣, tap **Delete Contacts**.
Copy Contact	Copy a phonebook entry between the phone and SIM card: Tap 🖉, tap ≣, tap **Copy To** and select **Phone to SIM** or **SIM to Phone**.
Check Address Book Capacity	Check the number of entries you can store on the SIM card: Tap 🖉, tap ≣, tap **Memory Status**.

Feature	Description
Share Contact Information	Send contact information to another phone, computer, or device: Tap 🔲, tap the contact, tap 📤, tap **Share Via**.
Store Owner's Information	Store your personal contact information in the address book: Tap 🔲, tap 📤, tap **Owner's Information**.

Personalizing Features

Feature	Description
Language	Set the display language: Tap 🔧 **Setup**, tap **Language**.
Sound Volume	Set the volume for phone system sounds, incoming call ring tones, event alerts, stereo speakers: Tap 🔧 **Setup**, tap **Sound Volume**.
Text Input	Adjust text entry settings for the touchscreen display: Tap 🔧 **Setup**, tap **Input Setting**.
Screen Calibration	Re-calibrate the touchscreen display: Tap 🔧 **Setup**, tap **Screen Calibration**.

Feature	Description
Voice Command	Set your phone to recite messages you open: Tap 🎧 **Setup**, tap **Voice Command**, set **Voice** to **On**. **Note:** You must install the voice instruction application to use this function. See page 79.
Master Reset	Reset all options *except* unlock code, security code, and lifetime timer: Tap 🎧 **Setup**, tap **Master Reset**.
Master Clear	Reset all options *except* unlock code, security code, and lifetime timer, and clear all user settings and entries *except* SIM card information: Tap 🎧 **Setup**, tap **Master Clear**. **Caution:** Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory. It does **not** delete any information stored on the SIM card.

Special Dialing Features

Feature	Description	
Fixed Dial	Turn fixed dialing on or off: Tap 🔒 **Security**, tap **Fixed Dialing**.	*Network/Subscription Dependent Feature*

Call Monitoring

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.

Feature	Description	
Call Meters	View and reset call timers and cost trackers: Tap 🔞, tap 📄, tap **Setup**, tap **Call Meters**.	*Network/Subscription Dependent Feature*
In-Call Timer	Display time or cost information during a call: Tap 🔞, tap 📄, tap **Setup**, tap **Display**.	*Network/Subscription Dependent Feature*

Feature	Description
Credit Available (advice of charge option)	View credit available: Tap 🔵, tap 📧, tap **Setup**, tap **Available Credit**.
Call Cost Setup	Set a credit limit: Tap 🔵, tap 📧, tap **Setup**, tap **Call Cost Setup**.

Handsfree Features

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.

Feature	Description
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: Tap 🔵, tap 📧, tap **Setup**, set **Auto Answer** to **On**.

Sending and Receiving Data

Feature	Description
Send Data	Send address book/calendar/task/note pad entry, voice record, picture, photo, or sound file to another device through a Bluetooth® wireless connection, or in an MMS or email message: Select data, tap ▤, tap **Share**.
Receive Data	Receive data from another device: If necessary, activate Bluetooth to let the other device establish a wireless link, and tap **OK** to accept the data.
Sync	Synchronize address book/calendar/task entries with another phone, computer, or hand-held device: Tap 🔧 **Sync**, then select a **USB Cable** or *over-the-air* (**OTA**) connection.
Modem	Use your phone as a modem to connect your computer to the Internet or transfer data to/from the computer: Tap 🔧 **Modem**, tap **Use**, then select a **USB Cable** or **Bluetooth** connection.

Network Features

Feature	Description
Network Settings	View network information and adjust network settings: Tap ⊗, tap ▤, tap **Setup**, tap **Network Setup**.

File Management

Feature	Description
Use Folders	Store and manage your files and applications: Tap 📁 **File Manager**.
Edit Files & Folders	Edit a file or folder on your phone: Tap 📁 **File Manager**, tap and hold the file or folder to open the edit menu.
Create New Folder	Create a new folder: Tap 📁 **File Manager**, tap 🗁.
Search for File	Search for a specific file: Tap 📁 **File Manager**, tap ▤, tap **Search**.
View Folder Tree	Display the folder structure and organization of your phone, SIM card, or storage device: Tap 📁 **File Manager**, tap 📁.

Voice Instruction

Feature	Description
Load Voice Recognition	Load the voice recognition application to use voice instructions with your phone: Press and hold the camera key until **Loading VR** displays on the screen.
Use Voice Instructions	Use voice instructions to operate your phone: Press and hold the camera key, speak a voice instruction, release camera key.

Personal Organizer Features

Feature	Description
Add New Calendar Event	Add a new event to the calendar: Tap 🗓 **Calendar**, tap the day, tap 🗐.
View Calendar Event	View or edit event details: Tap 🗓 **Calendar**, tap the day, tap the event.

Feature	Description
Calendar Event Reminder	When you set a reminder alarm for a calendar event, your phone displays a reminder when the event occurs. Delay event reminder: Tap **Snooze**. Dismiss event reminder: Tap **Done**.
Share Calendar Event Information	Send event information to another phone, computer, or device: Tap 📅 **Calendar**, tap the event, tap 📋, tap **Share**.
Add New Task to Task Checklist	Add a new event to the calendar: Tap 📝 **Tasks**, tap 🗂.
Mark Completed Task	Indicate that you have completed a task on the task checklist: Tap 📝 **Tasks**, tap the task, tap ☐.
Sort Task List	Sort the task checklist: Tap 📝 **Tasks**, tap the *sort order* button and select **All Tasks**, **Unchecked**, **Due Tasks**, or **Completed** tasks.
Note Pad	Store a note on your phone: Tap 📝 **Note Pad**.
Drawing Pad	Create an illustration, edit a photo or image stored on your phone: Tap 🎨 **Drawing**.

Feature	Description
Set Alarm	Set an alarm: Tap 🕐 **Alarm**, tap ☐, set time.
Turn Off Alarm	Delay alarm: Tap **Snooze**. Turn off alarm: Tap **Cancel**.
Display World Times	Display the current time for multiple cities around the world: Tap 🕐 **Time**.
Change World Time City	Replace a city listing in the world time screen: Tap 🕐 **Time**, tap *city name*, tap city name again, select a new city.
Create Voice Record	Create a voice record: Tap 📼 **Recorder**, tap ●, speak into the phone, tap ■. **Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
Play Voice Record	Play back a voice record: Tap 📼 **Recorder**, tap 📄, tap **Open**, tap *voice record*, tap **Open**.
Calculator	Calculate numbers: Tap 🖩 **Calculator**.

Phone Features

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: Tap Security, tap **PIN Request On** or **PIN Request Off**. **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

News and Entertainment

Feature	Description	
Launch Micro-Browser	Start a micro-browser session: Tap **Browser**.	Network / Subscription Dependent Feature
Disconnect from Internet	Disconnect from the Internet and exit the micro-browser application: From a Web page, tap , tap **Exit**.	Network / Subscription Dependent Feature
Select Network Connection Profile	Select or create a network connection profile: Tap **Network**.	Network / Subscription Dependent Feature
STK	Use applications stored on your SIM card: Tap **STK**.	

Phone Features

Feature	Description
Radio	Use the optional Motorola Original™ FM Stereo Radio Headset accessory: Tap 📻 **Radio**.

Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

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

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.[1] Tests for SAR are conducted in accordance with CENELEC[2] testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is ____ W/kg.[3]

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.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

2. CENELEC is a European Union standards body.

3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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RF Energy Interference

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.

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U.S. patent Re. 34,976