INSTRUCTION MANUAL

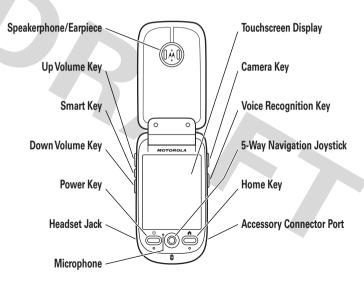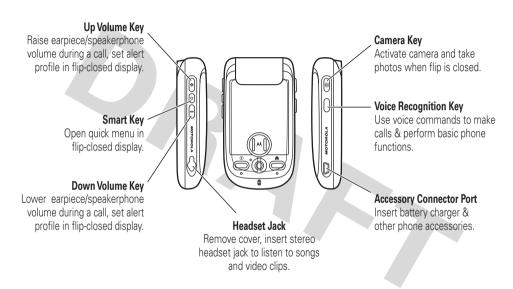A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

MOTOMANUAL

A1200
GSM
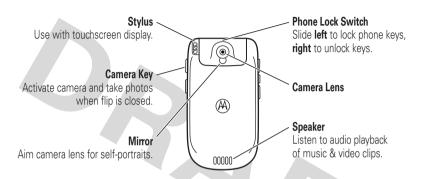
motorola.com

HELLOMOTO

Introducing your new Motorola A1200 GSM wireless phone. Here's a quick anatomy lesson.

Speakerphone/Earpiece

Up Volume Key

Smart Key

Down Volume Key

Power Key

Headset Jack

Microphone

Touchscreen Display

Camera Key

Voice Recognition Key

5-Way Navigation Joystick

Home Key

Accessory Connector Port

Up Volume Key
Raise earpiece/speakerphone volume during a call, set alert profile in flip-closed display.

Smart Key
Open quick menu in flip-closed display.

Down Volume Key
Lower earpiece/speakerphone volume during a call, set alert profile in flip-closed display.

Headset Jack
Remove cover, insert stereo headset jack to listen to songs and video clips.

Camera Key
Activate camera and take photos when flip is closed.

Voice Recognition Key
Use voice commands to make calls & perform basic phone functions.

Accessory Connector Port
Insert battery charger & other phone accessories.

Stylus
Use with touchscreen display.

Camera Key
Activate camera and take photos when flip is closed.

Mirror
Aim camera lens for self-portraits.

Phone Lock Switch
Slide **left** to lock phone keys, **right** to unlock keys.

Camera Lens

Speaker
Listen to audio playback of music & video clips.

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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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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Manual Number: 68XXXXX127-O

contents

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.*

Exposure To Radio Frequency (RF) Energy

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

---

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

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not

complying with local regulatory requirements in your country.

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

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

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.

Follow Instructions to Avoid Interference Problems

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

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.

- DO NOT carry the mobile device in the breast pocket.

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

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

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

Driving Precautions

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

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. 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 practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products

If your mobile device 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. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful 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 mobile device may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information follows.
⊗	Do not dispose of your battery or mobile device in a fire.
♻	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
☒	Do not throw your battery or mobile device in the trash.
⊖ Li Ion BATT ⊕	Your mobile device contains an internal lithium ion battery.

Choking Hazards

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

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has 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 physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Repetitive Motion

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. If you continue to have discomfort during or after such use, stop use and see a physician.

Use and Care

To care for your Motorola phone, please keep it away from:

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.

dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.

cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

microwaves

Don't try to dry your phone in a microwave oven.

the ground

Don't drop your phone.

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
CE 0168
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 (to 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.

essentials

about this guide

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

symbols	
⊕A	This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.
⊕	This means a feature requires an optional accessory.
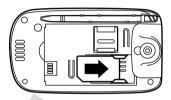
SIM card

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and contacts list.

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

1 Slide the battery door down and away from the camera lens to remove the door.

2 Hold the SIM card with the notch in the lower left corner and the gold plate facing down. Slide the SIM card under the metal tabs and into the card slot as shown.

battery

battery tips

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

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

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

- When charging your battery, keep it near room temperature.

- When storing your battery, keep it uncharged in a cool, dark, dry place.

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

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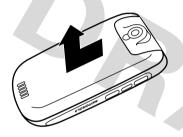
Contact your local recycling center for proper battery disposal.

Warning: Never dispose of batteries in a fire because they may explode.
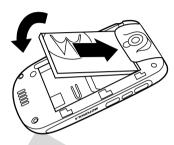
Before using your phone, read the battery safety information in the "Safety and General Information" section included in this guide.

battery installation
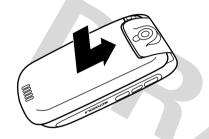
1 Slide the battery door down and away from the camera lens to remove the door.

2 Insert the battery under the tab at the top of the battery compartment and push down.
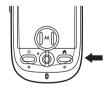
3 Place the battery door on the phone and slide it up toward the camera lens to lock shut.

battery charging

New batteries are not fully charged. Insert the battery charger plug into the accessory connector port on the side of your phone as shown, and plug the other end into an electrical outlet.

Your phone might take several seconds to start charging the battery. The display shows **Charge Complete** when finished.

Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

Note: You can charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

memory card
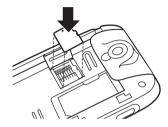
You can use a removable memory card with your phone to store and retrieve multimedia content (such as songs and pictures).

Caution: Don't bend or scratch your memory card. Keep it away from static electricity, water, and dirt.
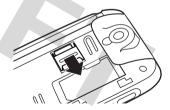
1 Slide the memory compartment door up to unlock it, then lift the door open.

2 Insert the memory card into the tray.

3 Close the memory compartment door, then slide the door down to lock it shut.

turn it on & off

Caution: On power up, the phone may prompt you to enter your SIM card PIN code to unlock the SIM card. If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your display shows **SIM Blocked**. Contact your service provider.

To turn on your phone, open the flip and then press and hold the power key ◎ for two seconds. If prompted, enter your six-digit SIM card PIN code and/or four-digit unlock code.

If you don't insert a SIM card, your phone displays **No SIM Card**. You can select **Antenna On** (to make an emergency call) or **Antenna Off** (to use the phone's non-calling features).

You can turn off your phone's antenna in locations where wireless phone use is prohibited, or when you just want to use the phone's non-calling features (games, personal organizer, multimedia player).

To turn the phone on without activating the antenna: With the flip open, press and hold the power key ◎ for five seconds to turn the phone on, then select **Antenna Off** when the phone prompts you to select a phone mode.

To activate/deactivate the antenna when the phone is on: Tap the status bar at the top of the display to open the device status screen, then tap the **Antenna** drop-down menu to select **On** or **Off**.

To turn off your phone, press and hold ◎ for two seconds.

make a call

1 Tap ⌃ in the top global navigation bar to open the phone keypad.

2 Tap the keypad keys to dial the phone number.

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

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

Note: Closing the flip doesn't end a call when the handsfree speaker is turned on (for more information about the handsfree speaker, see page 37).

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

Tip: If you need to use the phone keypad during a call (for example, to dial an extension or make a conference call), tap the keypad button ⦂⦂⦂ from the in-call screen. Tap ↩ to return to the in-call screen.

answer a call

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

When the flip is closed: Open the flip to answer the call. (To activate this feature, see page 42)

When the flip is open: Tap **Answer** to answer the call.

When you are finished, tap **End** or close the flip to end the call.

Note: Closing the flip doesn't end a call when the handsfree speaker is turned on (for more information about the handsfree speaker, see page 37).

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 (tapping Busy may divert the incoming call to your voicemail inbox).

your phone number

To **see** your phone number:

1 Tap ⌂ in the top global navigation bar to open the phone keypad.

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

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

To see your phone number while you're on a call, tap ☰ and then tap **My Number**.

To **store** or edit your name and phone number on your SIM card:

1 Tap ⌂ in the top global navigation bar to open 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 don't know your phone number, contact your service provider.

basics

See page 1 for a basic phone diagram.

display

The *home screen* appears when you turn on the phone.

Status Bar

Tap 📅 to open the calendar.

Tap 🎵 to set a ring alert style.

Global Navigation Bar (GNB)

15 No Meetings

10-18-2005

Application Icons

The home screen shows a list of the day's events scheduled in your calendar. Icons at the bottom of the screen provide shortcuts to commonly used applications.

You can use all of your phone's features by tapping on the global navigation bar icons, application icons, buttons, and text with the provided stylus.

To return to the home screen from any application, press the home key 🏠 on your phone.

To change the options that appear in the home screen, tap [88] to display the application launcher screen, tap ✖ **Phone Settings**, then tap **Home Screen Setup**.

Tip: Tap an unused area of the homescreen to display an unobstructed fullscreen view of the

watermark image. Tap the fullscreen watermark image to return to the homescreen display.

global navigation bar
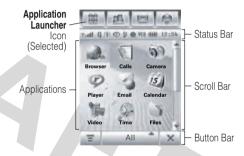
Icons in the top *global navigation bar* give you easy access to your phone's primary functions:

88	**Application Launcher**
👤	**Address Book**
✉	**Messages**
☎	**Phone**

Additionally, your phone shows a new message icon ❗ in the global navigation bar to notify you of a new message or a missed call. Tap ❗ to view information about the message or missed call.

application launcher

Tap the application launcher icon 88 in the global navigation bar to open the application launcher screen.

Tap the button in the bottom center of the screen to see **All** application icons, or to see application icons in predefined categories. If necessary, tap the scroll bar on the right side

of the screen to see additional application icons. Tap an application icon to select it.

Tip: You can set your phone to show applications in a text-based list rather than graphic icons. Tap $\equiv$, then tap List View to change to list view. From list view, tap $\equiv$, then tap Thumbnail View to reset the graphic icons.

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

office applications

🗐	Calls	✉	Email
📅	Calendar	📋	Tasks
📝	Notes	🖩	Calculate
⏰	Alarm	📁	File Manager
	Customer Services	☁	Picsel
🔧	Help		BC Reader

multimedia applications

🌐	Web Access	🎮	Media Player
📷	Camera	🎙	Recorder
📹	Video Camera		Media Editor
	Radio		

extra applications

🔧	Phone Settings	📠	Modem
🔵	Bluetooth	🔄	Sync
📄	STK	🌍	Time

games

Your phone may contain Java™ games or applications that add features and functionality to your phone. Instructions are included with each game. You select Java games from the application launcher screen.

button bar
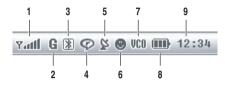
The button bar shows functions you can select in the active application. Typical buttons include:

≡	**Menu**	Tap to open context sensitive menu.
↩	**Return**	Tap to return to previous screen.
✕	**Exit**	Tap to exit current application.

status bar

Tip: Tap the status bar to open the device status screen and display phone status information.

The following indicators can appear in the status bar:

1 signal strength – Vertical bars show the strength of the network connection. You can't make or receive calls when the no signal indicator Υ or no transmission indicator Υ✕ shows.

2 GPRS/EDGE – Shows when your phone is using a high-speed *General Packet Radio Service* (GPRS) or *Enhanced Data for GSM Evolution* (EDGE) network connection. A darkened indicator shows that a GPRS or EDGE connection is not available.

3 Bluetooth – Shows that Bluetooth power is turned on. When Bluetooth power is on, your phone can make a wireless connection with a headset accessory or other external device.

4 RealOne – Shows when the RealOne media player is playing media content.

5 AGPS – Shows when assisted GPS (using additional non-GPS data inputs) is active.

6 IM – Shows when you receive an instant message.

7 VCO – Shows when voice carry over is being used with a TTY device.

8 battery level – Vertical bars show the battery charge level. Recharge the battery when your phone shows Low Battery.

9 clock – Shows the current time.

text entry

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 drop-down menu at the bottom of the screen to select a text entry method.

Tap ▦ in the lower right corner of the screen to hide the text entry keyboard or pad when you are finished, or when you want to use the button bar functions.

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 the entry method drop-down menu 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 two 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 can use 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 activate predictive text entry, see page 33.

To enter special characters or edit text, use the function buttons described on page 33.

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 words using Zhuyin characters.

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 回 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.

adjust text input settings

You can set your preferred input method, primary and secondary language preferences, specify your writing hand (left or right) and handwriting speed, activate word prediction and word completion, activate a user

dictionary, and apply a watermark to the text you enter.

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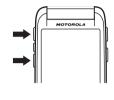
tap & hold

When using phone applications, in many cases you can tap and hold on an icon, file, or field to open a pop-up menu to perform various operations on the selected item. If the specific task you want to perform in an application is not already listed in the display, try using tap and hold to see if the feature you want is available in a pop-up menu.

volume

Press the volume keys to:

• change the earpiece or speakerphone volume during a call

• change the speaker volume when playing a song or video clip

When the flip is closed, press the volume keys to set your phone's ring alert profile. For more information, see page 36.

When the flip is open, tap ♫ in the home screen to set the ring alert profile. For more information, see page 40.

navigation joystick
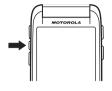
Press the 5-way navigation joystick Ŏ up, down, left, or right to scroll to and highlight menu items. Press in the joystick Ŝ to select a highlighted item.

This guide describes how to use the stylus and touchscreen control to use features when the flip is open. In most cases, it does not include the equivalent joystick control for using the feature.

smart key

The smart key gives you another way to do things. When you scroll to a menu item, you can press the smart key to select it (instead of pressing in the joystick Ŝ).

When the phone flip is closed, you can press the smart key to open the quick menu and select items in the flip-closed display. For more information, see the following section.

flip-closed features

When your phone flip is closed, the display shows the time and date, and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 30.

You can use the volume keys and smart key to access phone features when the flip is closed. Features described in this section are available with additional functionality when the flip is open.

set alert profile

1 Press the volume keys (see illustration on page 2) to scroll to the alert profile you want.

2 Press the smart key (see illustration on page 2) to select the alert profile.

For more information about setting and using alert profiles, see page 40.

return unanswered call

Your phone keeps a record of your unanswered calls, and shows **X Missed Calls** in the flip-closed display.

1 Press the smart key (see illustration on page 2) to see the received calls list.

2 Press the volume keys (see illustration on page 2) to scroll to an unanswered call.

- To call the number, press and hold the smart key.

- To exit without calling, press the smart key briefly.

use the quick menu

To open the quick menu in the flip-closed display, press the smart key when the home screen is visible. You can select the following features in the quick menu:

- **RealOne Player**
- **Camera**
- **Hide Menu**

To select a feature, press the volume keys to scroll to it, then press the smart key to select it.

To exit an application and return to the flip-closed home screen, press the home key ⌂.

For information about using the RealOne Player application, see page 96.

For information about using the Camera application, see page 98.

speakerphone

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

During a call, tap **Spkr** to turn the handsfree speakerphone on or off. The handsfree speakerphone remains on until you tap **Spkr** again or turn the phone off.

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

codes & passwords

Your phone's four-digit **unlock code** is originally set to **1234**. The six-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

You can also change your **SIM PIN** or call barring passwords.

To change a code or password, tap ✂ **Phone Settings** in the application launcher screen, tap **Security**, then tap **Change Password** to open the change passwords screen.

If you forget your unlock code: At the Enter Unlock Code prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, tap ☰ to open the unlock code

bypass screen. Enter your security code, then tap **OK** to submit the security code.

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

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit unlock code.

To **automatically lock** your phone after a specified period of inactivity: Tap
✂ **Phone Settings** in the application launcher screen, tap **Security**, then select a **Phone Lock** timer setting. Your phone prompts you to enter the unlock code. Enter your unlock code to activate phone lock.

To **unlock** 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.

Note: You can make emergency calls on a locked phone (for more information, see page 46). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

share information

You can share information with another phone, PC, or hand-held device. You can share address book contacts, 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.

Tip: In some cases, the share option is only available from the tap and hold pop-up menu.

send data

1 Select the data you want to send, tap =, then tap **Share** to see a list of share options.Tap **Bluetooth**, then tap **OK** to exchange the data through a Bluetooth wireless connection.

or

Tap **MMS** or **Email**, then tap **OK** to send the data in an MMS or email message.

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

3 Tap **OK** to send the data.

For more information about using a Bluetooth wireless connection, see page 108.

receive data

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

If necessary, turn on Bluetooth power on your phone to let the other device establish a wireless link (to turn Bluetooth power on, see page 108.

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**.

customize

profiles

You can quickly change your phone's alert profile to match your activity, environment, or personal requirements. Each profile uses a different set of sounds or vibrations for incoming calls and other events. The Silent profile silences your phone until you set another profile. Here are the profiles you can choose:

🔊 Ring Loud
🔊 Vibe>Ring Loud
🔊 Vibe>Ring Soft
📳 Vibrate

🔊 Vibe and Ring Loud
🔊 Ring Soft
🔇 Silent

The profile indicator shows in the lower-left corner of the home screen. To choose your profile:

1 Tap ⚙ **Phone Settings** in the application launcher screen, then tap **Ringer Alert Style**.

2 Tap a profile to select it as the current alert setting.

change alerts in a profile

You can change the alerts that a profiles uses to notify you of incoming calls and other events.

Note: You can't set an alert for the Silent profile, or change some settings for some profiles.

1 Tap %Y **Phone Settings** in the application launcher screen, then tap **Ringer Alert Style**.

2 Tap a profile, then tap **Edit** to adjust alert settings to personalize the profile. You can change the alerts used to notify you of incoming calls and messages, set ringer IDs, and adjust alert volume, touchscreen volume, and keypad volume. Any changes you make are saved to the profile.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your phone's display. The wallpaper image appears as a faint watermark in text and menu displays.

1 Tap %Y **Phone Settings** in the application launcher screen, then tap **Wallpaper**.

2 Tap a photo/picture thumbnail image to set it as the wallpaper image. Tap the

fullscreen image preview to return to the wallpaper menu.

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

Tip: Tap an unused area of the homescreen to see an unobstructed fullscreen view of the watermark image. Tap the fullscreen watermark image to return to the homescreen.

color scheme

Set the colors that your phone uses for buttons, highlights, and the status bar.

Note: This feature changes the look and feel of the phone's user interface, including the icons that you see in the top global navigation bar.

1 Tap %Y **Phone Settings** in the application launcher screen, then tap **Color Scheme**.

customize   **41**

2 Tap a thumbnail image to select it as the color scheme. Your phone displays a brief preview of the selected color scheme.

3 Tap OK to save your setting.

backlight

1 Tap ✖ Phone Settings 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.

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.

flip answer

Set your phone to automatically answer calls when you open the flip.

1 Tap 🔄 in the global navigation bar to open the phone keypad.

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

3 Tap the check box ☐ beside Flip Answer. A check mark ☑ indicates that flip answer is activated.

4 Tap ↩ to exit the phone setup menu.

calls

To make and answer calls, see page 25.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

To **dial** a number in the recent calls list:

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

2 Tap ✆ to open the recent calls menu.

3 Tap Answered Calls, Missed Calls, or Dialed Calls to select a call list.

4 Tap an entry to call its number.

To **view** details or perform other operations on an entry in the recent calls list:

1 Tap ☰ Calls in the application launcher screen to open the call history screen.

2 Tap Answered Calls, Missed Calls, or Dialed Calls to select a call list.

3 Tap an entry to view call details (time, date, duration).

4 Tap Call to call its number, or tap ☰ to perform the following operations:

options	
Store	Create an address book entry with the number stored in the number type field you specify.

options	
Send SMS	Open a new text message with the number in the **To** field.
Send MMS	Open a new multimedia message with the number in the **To** field.
Delete	Delete the entry.

redial

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

2 Tap ↩, then tap **Dialed Calls** to open the dialed calls list.

3 Tap the number you want to redial.

If you hear a **busy signal** and you see **Call Failed, Number Busy**, tap **Redial** to automatically redial the number.

To **activate** the automatic redial feature:

1 Tap 🔽 in the global navigation bar to open 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.

hold or mute a call

To put all active calls on hold, tap **Hold**. Tap **Hold** again to resume the call.

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

call waiting

When you're on a call, you'll hear an alert if you receive a second call.
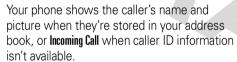
Tap **Answer** to put the first call on hold and answer the new call.

To switch between calls, tap **Switch**.

To connect the two calls, tap **Link**.

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your phone's display.

Your phone shows the caller's name and picture when they're stored in your address book, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a unique call alert for an entry stored in your address book (for more information, see page 50).

To show or hide **your phone number** for the calls that you make:

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

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

3 Tap **Show ID**, then tap **On** or **Off** to show or hide your caller ID for outgoing calls.

4 Tap ↩ to exit the phone setup menu.

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

cancel 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.

emergency calls

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 placed due to network, environmental, or interference issues.

1 Tap ⌂ in the global navigation bar to open the phone keypad.

2 Tap the keypad keys to dial the emergency number.

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

international calls

When the phone keypad is displayed, tap ☰, tap **Insert**, then select Insert + to insert your local international access code (indicated by **+**). Then, tap the keypad keys to dial the country code and phone number.

turbo dial

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

1 Tap ⌂ in the global navigation bar to open 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 numbers list.

To set up the turbo dial numbers list:

1 Tap ⊙ in the global navigation bar to open the phone keypad.

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

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

4 Enter phone numbers in the turbo dial list.

dial extension or voicemail number

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

1 Use the keypad key 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 character (**W**) in the dialing sequence. Your phone dials the number, waits for the call to

connect, then prompts you for confirmation before it dials the remaining digits.

dial extension number during a call

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

2 Dial the extension number.

3 Tap C to return to the in-call screen.

address book

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

view contact list

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**.

use 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.

view and edit 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 and return to the contact list.

add new contact

Contacts can be stored to phone memory or SIM card memory. To set the default storage location, see page 52.

Note: You can enter only a name and a single phone number for each contact that you store on the SIM card.

1 Tap [📇] in the 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.

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

create 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 global navigation bar to open the address book.

2 Tap ☰, then tap New Distribution List.

3 Tap Messaging or Email to specify the default type of message to send to the group, then tap OK. You must enter a name for the group, and the group must contain at least one member.

4 When you finish entering information, tap Save to store the group.

call or send message

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 following the mobile phone indicator 📱 to call the contact's mobile phone. Other indicators may identify other numbers stored for the contact (such as home, work, or fax).

- Tap the message indicator ✉ to the **right** of a phone number to send an SMS or MMS message to the number.

- Tap the email address following the email indicator ✉ to send an email message to the address. Alternatively, tap the message indicator ✉ to the

right of the email address to send an MMS message to the address.

search

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

2 Tap ![menu icon], 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 **Find New**.

To return to the contact list, tap ↩.

sort

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

2 Tap ![menu icon], then tap **Setup**.

3 Tap the **Sort Names By** drop-down menu to sort the contact list by **First Name** or **Last Name**.

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

delete contact

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

2 Tap ![menu icon], then tap **Delete Contacts**.

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

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

storage location

Contacts can be stored to phone memory or SIM card memory. You can set the default

memory location where new address book contacts are stored.

Note: You can enter only a name and a single phone number for each contact that you store on the SIM card.

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

2 Tap ![menu icon], then tap **Setup**.

3 Tap the **Default Memory Location** drop-down menu to set the default memory location.

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

copy contacts

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

Note: The SIM card can store only a name and one phone number per 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 ![contacts icon] in the global navigation bar to open the address book.

2 Tap ![menu icon], 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.

categories

Your address book includes several predefined categories. You can create additional user-defined categories to organize your contacts.

create a new category

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

2 Tap the category button in the bottom button bar, then tap **Edit Category**.

3 Tap ☰, then tap **New** to create a new category.

4 Tap the **Name** field to assign a name to the category, then tap **OK**.

5 Tap **Add Members**, then check the contacts you want to add to the category.

6 Tap **Select** to add the selected contacts to the category.

add members to a user category

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

2 Tap the category button in the bottom button bar, then tap **Edit Category**.

3 Select the category, tap **Add Members**, then check the contacts you want to add to the category.

4 Tap **Select** to add the selected contacts to the category.

delete a user category

Note: You can **not** delete the predefined categories in your address book.

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

2 Tap the category button in the bottom button bar, then tap **Edit Category**.

3 Select the category, tap $\equiv$, then tap **Delete**.

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

check capacity

You can see 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 $\equiv$, 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 the **Default Memory Location** drop-down menu to set the default memory location.

4 Tap ↩ to return to the address book.

share contact

You can share contact information with others by sending the data as a vCard to another phone, PC, 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 $\equiv$, then tap **Share**.

4 Tap Bluetooth, then tap **OK** to exchange the data through a Bluetooth® wireless connection.

or

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 **OK** to send the contact information in a vCard.

For more information about using a Bluetooth wireless connection, see page 108.

synchronize contacts

You can synchronize address book contacts between your phone over-the-air direct to a corporate Microsoft® Exchange Server 2003 using MOTOSYNC.

Alternatively, you can synchronize contacts to your PC through a Bluetooth® wireless connection or USB cable connection using Motorola mobile PhoneTools software. For more information, see page 111.

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 🔄 in the global navigation bar to open the address book.

2 Tap ☰, 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 50.).

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

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.

Instant messaging lets you exchange messages in real time with other wireless phone users.

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 67.

Tap ✉ in the 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 see its contents.

✉ Inbox	1	[0]
SIM card	5	[0]
Drafts	1	[0]
Outbox	0	[0]
Sent Items	6	[0]
Trash	1	[0]

Compose ✕

The message center contains the following folders:

Inbox – Stores SMS and MMS messages you have received.

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

Drafts – Temporarily stores messages that you are still writing.

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

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.

You can create additional personal folders to organize and store your messages.

signature

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

1 Tap 回 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 add 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.

send 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 drop-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.

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

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

options	
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.

send 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 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.

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 or record a video clip, and insert it on the page.

- 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 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.

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:

options	
Load	Insert a quick card, quick text note, or auto-signature in the message.
Save To	Save the message to the **Drafts** folder, or save it as a quick card.
Send To Blog	Send the message to your personal Web log.
Page Duration	Set the number of seconds each page is displayed.

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options	
Preview	Preview the MMS message.
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 for the message. **Expire After**: Set the expiration time for an undelivered message. **Priority**: Set message priority. **Expire After**: Set a time and date for your phone to send the message.

options	
Delete	Delete the current page, delete an object on the page, or delete the message.

unsent messages

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

On the message center screen, tap **Outbox** to see 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.

receive message

Your phone shows the ☒ **Prompt** icon in the global navigation bar when you receive a new message.

Tap ☒ to see message details (sender, subject, time, and size).

Tap **Read** to read an SMS message. Tap **Download** to download an MMS message to your phone, then tap **Read** to read it.

Tap ↵ to return to the previous screen without reading the message. The message is stored in the inbox.

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

options	
Reply With Original	Include a copy of the original message in your reply. (SMS only)
Call Back	Call a phone number embedded in the message header or message body.
Forward	Open a copy of the message, with an empty To field.
Save	Save the sender's phone number or email address.
Save Object	Save a media object in the message. (MMS only)
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. (MMS only)
Move To Folder	Move the message to another folder.

options	
Delete Message	Delete the message.

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

read and reply

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 a reply to the message

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

store message object

To store a media object contained in a multimedia message, tap and hold the object to open a pop-up menu, then select **Save** to store the object on your phone.

If the object is contained in a message attachment, tap and hold the attachment to open a pop-up menu, then select **Save** to store the object.

sort messages

On the **Inbox**, **Outbox**, or **Trash** screen, tap ☰, then tap **Sort By** to sort messages by **Time**, **Subject**, or **Name**.

drafts

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

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

deleted messages

Messages that you delete are stored in the trash folder.

On the message center screen, tap **Trash** to see its contents. Tap a message to read it. You can edit the message while it is open.

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

messages on SIM card

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

create 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 ☐ beside

Protected by 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.

move messages

You can move messages between folders. 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 messages to another folder:

1 Tap $\boxtimes$ in the global navigation bar to go to the message center.

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

3 Tap $\equiv$, then tap **Move**.

4 Tap the check box $\square$ beside each message you want to move, or tap the check box beside **All** to select all messages. A check mark $\boxtimes$ indicates that the message is selected.

5 Tap **OK** to open the move to folder screen.

6 Tap the destination folder, then tap **OK** to move the messages.

Tip: To quickly move a single message, tap and hold the message to open a pop-up menu, then select **Move to Folder**.

set up message inbox

1 Tap $\boxtimes$ in the global navigation bar to go to the message center.

2 Tap $\equiv$, then tap **Service Setup**.

3 Tap **Short Message** or **Multimedia Message** to configure your SMS or MMS inbox settings as described in the following section.

4 When you're finished, tap **OK** to save your settings.

SMS 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.

options	
Server Center Number	Number of the 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.
Send Email by SMS (Email Gateway)	Port number for the gateway that handles outgoing text messages sent to an email address.

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.

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

options	
Auto Download	Automatically download MMS messages to your phone. You can set this function to be disabled when roaming, and set a maximum file size for auto-downloaded 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.
Reject Read Reply Request	Do not send a reply to the sender when you read a new received message.
Auto Retry	Automatically attempt to resend messages when delivery fails.

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're finished, tap **Save** to save your settings.

You must enter the following configuration settings. If necessary, contact your service provider to obtain the following information:

options	
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. For more information, see page 94.
WAP Gateway IP	Primary service gateway IP address for your WAP service provider.
Port Number	Primary service port number.

options	
WAP Gateway IP(2)	Secondary service gateway IP address.
Port Number	Secondary service port number.

browser messages

You r network's Web server can send you *browser messages* that you read in your micro-browser.

Your phone shows the [!] **Prompt** icon in the global navigation bar when you receive a new browser message. Tap Read to read the message.

You must activate the feature to receive browser messages.

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

2 Tap ≡, then tap **Service Setup**.

3 Tap **Browser Message** to open the WAP push editor.

4 Tap **Receive All** to receive all browser messages, or **Restricted** to restrict the browser messages you receive.

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

information services

Information service messages are broadcast messages that you can receive, such as stock updates, news headlines, or sports scores.

Your phone shows the ▯ **Prompt** icon in the global navigation bar when you receive a new information service message. Tap **Read** to read the message.

Note: You must set up your information services message inbox **before** you can

receive information service messages. Usually, your service provider has already set up the information services message inbox for you.

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

2 Tap ≡, then tap **Service Setup**.

3 Tap **Info Service** to open the info service inbox setup editor.

4 Tap **Service On** to activate info service on your phone.

5 Tap **Active Channels...** to set subscription channels.

6 Tap ≡, then tap **New Channel** to add a new channel.

or

Tap ≡, then tap **Delete Channels** to delete one or more channels.

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

8 Tap **OK** to exit the active channels menu.

9 Tap **Languages** to set the languages in which you receive cell broadcasts.

10 Set the first and second languages, then tap **Save** to save the language settings.

11 Tap **Save** to save your info service settings.

office applications

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 94 for information on how to set up a network connection profile.

If you are using MOTOSYNC, email setup is covered as part of the MOTOSYNC configuration, and no further action is needed. If you are using POP3/IMAP, email setup is described on page 76.

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 76.

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 emaill messages that have not yet been sent.

You may have additional folders in an email mailbox, such as **Drafts**, **Sent Items**, **Trash**, 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 shows the folders associated with the selected mailbox.

send 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 tap **New Email** to open the email message composition screen.

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

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.

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

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 menu can include the following options:

options	
Save to Draft	Save the message to the **Drafts** folder.

options	
Insert Signature	Append your signature to the end of the message.
Cc and Bcc Options	Show 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 Attachment	Delete message attachments.

receive 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 in the application launcher screen to launch the email application. Tap Send/Rec. to download new received messages to your phone.

When you download an email message:

- Tap 🔳 to display message details (sender, subject, time, and size).
- 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:

options	
Save File	Save a media object attached to the message.

options	
Move To Folder	Move the message to another folder.
Delete Message	Delete the message.

create a personal folder

The procedures for creating and using a personal folder are similar to the corresponding message center procedures. See page 67 for more information.

set up the email inbox

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

automatic setup

1 Select your email service provider from the mailbox setup list, then tap **OK**.

2 Enter your User **Name** and **Password** in the appropriate fields, confirm your password in the **Reenter Password** field, then tap **OK**.

3 To edit email sending, receiving, signature, connections options, tap the mail box name you wish to edit. Then enter settings as described in the following section.

manual 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 **Setup Manually** on the mailbox setup screen to manually enter email settings, then tap **OK**.

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

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

4 Tap **Signature Setup**, If you want your phone to automatically append your signature to all outgoing email messages, tap the check box □ beside **Add signature to all outgoing messages**. A check mark ☑ indicates that automatic signature is activated.

5 Tap the signature field and enter your signature.

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

7 Tap **Connections Setup**, then select the type of connection desired and tap **OK**.

8 Tap **Done** to store your mailbox settings.

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.

options	
Server	IP address or host name that handles your outgoing email.
Port	Port number for sending host.
Email	Your email address.
Nickname	Name to be inserted before your return address, if desired.

options	
Authentication	Set **Authentication** to **On** if you need a user name and password to access your outgoing email server.
	Set **Same as Receive** if user name and password are the same as for your incoming email server.
	Otherwise, enter your outgoing email server **User Namd** 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.

options	
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.
User Password	Your user password.
Reenter Password	Confirm your user password.
Check All Folders	Select to check all folders for email.
	Set the **Root Folder Path** that your phone should search.

options	
Save Special Folders	Select to specify additional email folders.
	You can set the **Sent Items Path** and the **Drafts Path**.
Message Size Limitation	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. For IMAP, prevents message deletion on remote server after message is deleted on your phone.)

calendar

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

Tap ⑤ **Calendar** in the application launcher screen to schedule or review calendar events.

month view

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

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

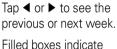An indicator in the lower right corner of the date box indicates that one or more events are scheduled for the day. Tap the date

box to see the day's events. Tap an event to see event details.

week view

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

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

Filled boxes indicate scheduled events for the day. A filled column indicates a full-day event. Tap the day to see the day's events. Tap an event to see event details.

day view

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

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

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

Tap an event to see event details.

add new event

Note: You must create an event to use the reminder alarm.

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 ☰, then tap **New Event** to open the new event editor (shown at right).

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

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

Tap ↩ to exit without storing the event.

schedule a meeting

You can send a meeting request message to other wireless phone users, and to email addresses. The meeting is added to your calendar, and to the calendars of the message recipients.

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

2 Tap ☰, then tap **New Meeting Request** to open the meeting request editor.

3 Tap the direct line in a field to enter meeting details. Pull down the scroll bar to see additional fields.

4 When you're finished entering information, tap **Send** to send the meeting request and add the meeting to your calendar.

Tap ↩ to exit without sending the meeting request.

edit an event

1 Tap the event to see 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 see additional fields.

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

delete an event

1 Tap the event to see event details.

2 Tap :≡, then tap **Delete Event**.

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.

dismiss reminder alarm

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 reminder alarm for a short period of time. The reminder alarm sounds again when the snooze period expires.

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

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.

change the calendar setup

You can set the calendar's default view (month, week, day), weekly start day, daily start time, reminder snooze period, event storage period, alarm timeout, and lunar calendar.

When you select **Alarm When Power Off** in the calendar setup screen, your phone turns itself on if necessary to remind you about scheduled events.

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're finished changing settings, tap **Save** to store the settings.

share event information

You can share calendar events with others by sending the data as a vCalendar entry to another phone, PC, 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 shows event details.

3 Tap ☰, then tap **Share**.

4 Tap **Bluetooth**, then tap **OK** to exchange the data through a Bluetooth® wireless connection.

or

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 **OK** to send the event information in a vCalendar entry.

For more information about using a Bluetooth wireless connection, see page 108.

synchronize calendar entries

You can synchronize calendar information between your phone over-the-air direct to a

corporate Microsoft® Exchange Server 2003 using MOTOSYNC.

Alternatively, you can synchronize the calendar to your PC through a Bluetooth® wireless connection or USB cable connection using Motorola mobile PhoneTools software. For more information, see page 111.

tasks

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

add new task

1 Tap 🗐 **Tasks** in the application launcher screen to open the task list.

2 Tap ☰, then tap **New**.

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

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

see tasks

Tap 🗐 **Tasks** in the application launcher screen to open the task list. Tap a task to display its details.Tap the check box ☐ beside 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 **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.

notepad

You can write and store notes on your phone.

1 Tap 📝 **Notes** in the application launcher screen to open the notepad 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.

Picsel viewer

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

Tap 🔺 **Picsel** in the application launcher screen to open the Picsel viewer application.

Your phone shows the file folders included on your phone (see page 88 for folder descriptions). 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.

calculator

You can use your phone as a calculator.

Tap 📟 Calculate in the application launcher screen to open 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:

functions	
+/-	Change the entry's sign (positive/negative).
M+	Store the sum of the current calculation result, and the stored number.
MS	Clear the stored number, and store the current calculation result.
MR	Show the stored number.

functions	
MC	Clear the stored number.

alarm clock

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

1 Tap ⟲ Alarm in the application launcher screen to see the alarm clock setup screen (shown at right).

2 Tap the check box □ beside an alarm to activate it. 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.

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

file manager

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 **TransFlash Card** memory card). Tap a storage device to see the root directory for the device.

Your phone includes several predefined folders:

MyAudio	Stores recordings that you make with the ᨓ **Recorder** application.
MyImages	Stores photos that you take with your phone's ⟡ **Camera**.

MyNotes	Stores notes that you make with the ᨓ **Notes** application.
MyPrograms	Stores applications that you download and install on your phone.
MyVideo	Stores video clips you record with your phone's ⟡ **Camera**.
Preload	Stores preloaded media files installed on your phone.

Note: Your phone's files and folders may differ from those listed above.

edit 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:

options	
Open With	Specify the application your phone should use to open the file (files only).
Share	Send the file to another phone, PC, or hand-held device (files only).
Install	Install the selected file (files only).
Copy or **Cut**	Copy or cut the file or folder to the clipboard. (Tap $\equiv$, 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.
Properties	See information about the file or folder.

create a new folder

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

2 Tap $\equiv$, then tap **New Folder**.

3 Enter a name for the folder.

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

view

To change the way your files and folders are shown, tap $\equiv$, then select **List View** or **Thumbnail View**.

sort

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

search

To search for a specific file:

1 Tap ☰, tap **More**, then tap **Search**.

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

3 Specify the file type 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. Tap and hold the filename to display the file path.

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

folder tree

Tap the folder tree icon ☐ in the file manager screen to see the folder structure and organization of your phone, or a storage device connected to the phone.

removable memory card

You can use an optional removable TransFlash memory card with your phone to store and retrieve multimedia objects (such as photos, videos, and MP3 music files). Insert the memory card into your phone's memory card slot as described on page 22.

Tap ☐ **Files**, then tap the memory card's name to see its root directory.

Tip: Tap and hold on the memory card's name to open a pop-up menu to **Format** the memory card or see memory card **Properties**.

Tap ☰ to perform various operations on the memory card. The storage device menu can include the following options:

options	
New Folder	Create a new folder on the memory card.

options	
List View or **Thumbnail View**	See memory card files and folders in a text-based **List View** or graphic icon **Thumbnail View**.
Share	Send a file to another phone, PC, or hand-held device.
Move	Move a file to a new location.
Paste	Paste the clipboard contents at the current location.
Sort By	Sort memory card files or folders by **Time**, **Name**, **Size**, or **Type**.
Delete	Delete a memory card file or folder.
More	**Search** for a memory card file or folder. Tap **Properties** to see information about a file or folder.

business card reader

TEXT TO COME!

media applications

browser

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

start a browser session

Tap 📡 **Browser** in the application launcher screen to start the browser.

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

interact 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 browser operations. The browser menu can include the following options:

options	
Go To Page	Enter a Web address (URL) to go to a Web site.
Home	Go to the homepage of the current Browser profile.

options	
Bookmarks	See a list of your bookmarks. Tap ☰ to add a New bookmark, or Open, Edit, Delete, or Share the highlighted bookmark.
History	See a list of Web sites you have visited. Tap ☰ to Open or Delete the highlighted Web site.
File	Save a file or Save All files in the browser window, Copy a file, tap About Opera to see browser information.
View	Set browser view to Fit to Screen or Full Screen, set text size to Small, Medium, or Large, zoom in or out on the Web page, or select a Custom Zoom setting.

options	
Active Pages	Bookmark the active page, show the security level, or change encoding of the active page.
Setup	Add and edit browser profiles, adjust browser preferences, show SSL and WTLS certificates, empty the cache, and delete cookies.

download 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 want to save the file, and your phone must have sufficient memory storage space to store the file.

You can purchase 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.

close the browser

Tap ✕ to close and exit the browser application.

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.

select a profile

To select a network connection profile, tap **✖ Phone Settings** in the application launcher screen, tap **Data Network**. tap the profile you want to use, then tap **Connect** to connect to the Internet using the selected profile.

create a new profile

To create a new network connection profile:

1 Tap **✖ Phone Settings** in the application launcher screen, then tap **Data Network**.

2 Tap ☰, then tap **New** to open the new profile menu.

3 Enter configuration settings as described in the following table. 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.

options	
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	Inactivity interval at which the phone disconnects the GPRS connection.

options	
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.
CDS Password	Password for CSD connection.
CSD Baud Rate	Connection speed for CSD connection.
CSD Line Type	Line type (modem or ISDN) for CSD connection.
CDS Timeout	Inactivity interval at which the phone disconnects the CSD connection.
CSD DNS Server 1 and **2**	Primary and backup DNS IP servers.

use browser profiles

To select the active browser profile:

1 Tap ⊛ **Browser** in the application launcher screen to start the browser.

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

3 Tap **Profiles**, then tap the profile you want to use.

4 Tap **Save** to save the highlighted profile as the active profile.

To create a new browser profile:

1 Tap ⊛ **Browser** in the application launcher screen to start the browser.

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

3 Tap **Profiles** to open the profiles menu.

4 Tap ☰, then tap **New** to create the profile.

You must set the **Profile Name**, **Primary Gateway IP** and **Port** number, **Secondary Gateway IP** and **Port** number, **Homepage**, and the **Network Link** (the network connection profile you want to use) for a browser profile.

To edit an existing browser profile, select it, tap ☰, tap **Setup**, then tap **Edit** to change the settings described above.

RealOne media player

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

Tap ✆ **Media 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 the file.

- Tap ⊙ or ⊙ to play the previous or next file.

- Tap ⊙ to adjust or mute sound volume. Tap the volume slider to adjust the volume. (Alternatively, you can rotate the rocker switch to adjust volume.) Tap ⊙ on the slider bar to mute and unmute the sound

create and use playlists

To **create** a new playlist:

1 Tap **Playlist** in the button bar, then tap **Playlist** in the list of current configured playlists.

2 Tap **My Lib**, then tap **Refresh My Lib** to refresh the media files in the library.

3 Tap ☰, then tap **New Playlist** to create a new playlist.

4 Tap ☰, tap **Add**, then tap **File** or **URL** to add a local or remote media file to the playlist.

5 Repeat step 4 to add additional media files to the playlist.

6 When you are finished adding media files, tap ☰, then tap **Save Playlist** to save the new playlist.

To **play** the playlist:

1 Tap **Playlist** in the button bar to see the names of the currently configured playlists.
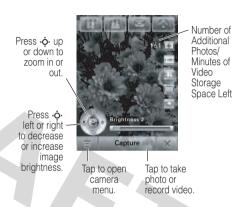
2 Tap a playlist name to select it as the active playlist and see the list of files in the playlist.

3 Tap ↩ to return to the media player screen, then tap ⊙ to play the active playlist.

camera

Shortcut: Open the flip and press the camera key to activate the camera. Press the camera key again to take a photo.

To activate the camera from the application launcher screen, tap 🎥 **Camera**.

The active viewfinder image appears in the display.

Press ·Ọ· up or down to zoom in or out.

Press ·Ọ· left or right to decrease or increase image brightness.

Number of Additional Photos/ Minutes of Video Storage Space Left

Brightness 2

Capture

Tap to open camera menu.

Tap to take photo or record video.

use the viewfinder

Open the flip and point the camera lens at the photo subject. Press ·Ọ· as indicated to zoom in/out and adjust image brightness.

Alternatively, you can press the volume keys to zoom in or out.

You can tap the screen to remove the icons for an unobstructed view, or tap the screen again to bring the icons back.

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

The number next to the photo/video mode indicator in 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.

take a photo

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

Tip: If the camera is in video mode, tap ♣ to put the camera in photo mode. The mode indicator in the viewfinder changes to ◻ to show that the camera is in photo mode.

record a video clip

Tap ◻ to put the camera in video mode. The mode indicator in the viewfinder changes to ♣ to show that the phone is in video mode.

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

view and delete photos or video clips

To **view** a photo or video clip:

1 Tap ≡, then tap **Album** to open the folder where your photos or video clips are stored.

2 Tap a photo thumbnail image to see the photo. Tap ▶ on a video clip thumbnail image to play the video clip.

To delete photos or video clips:

1 Tap ☰, then tap **Album** to open the folder where your photos or video clips are stored.

2 Tap ☰, then tap **Delete**.

3 Tap the check box □ beside each photo or video clip you want to delete, or tap the check box beside **All** to select all items. A check mark ☑ indicates that the item is selected.

4 Tap **OK** to delete the selected photo(s) or video clip(s).

Tip: To quickly delete a single photo or video clip, tap and hold the thumbnail image to open a pop-up menu, then select **Delete**.

effects

You can adjust the **size** of your photo or video by tapping the appropriate icon in the viewfinder. Tap other icons to set **lighting** conditions or select a photo **style** (such as **Black/White** or **Sepia** tones).

setup options

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

You can set or adjust the following options:

options	
Photo Size	Set photo size.
Photo Quality	Set photo quality.
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.

options	
Save To	Specify the location where your photos/video clips are saved.

delay timer

Tap ☰, 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 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.

voice recorder

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

make a recording

Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.

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 ⊙.

play a recording

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

2 Tap ≡, then tap **Open** to open the **MyVoice** folder.

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 also appears when you play the voice record.

change voice record storage location

1 Tap ≡, tap **Setup**, then tap the folder tree icon ⊡ in the **Location** 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.

video camera

To activate the camera in video mode, tap ⏆ **Video Camera** in the application launcher screen.

For instructions on how to use the camera in video mode, see page 98.

media editor

TEXT TO COME.

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.

Tap XX **Radio** in the application launcher screen to turn on the radio.

tune a station

Tap ⊙ or ⊙ to step down or up to the next frequency setting.

Tap XX or XX to search and set the previous or next active FM station.

use preset channels

Tap XX to assign a channel number to the current tuned station.

Tap ◀ or ▶ to select the previous or next channel.

use preset channels

Tap the volume slider to adjust the radio volume. Alternatively, you can press the phone's volume keys to adjust radio volume.

Tap ⊙ to mute the radio.

Tap **Hide** to hide the radio when you want to use the display for other applications. The radio continues to play.

Tap ☰ to edit radio channels, play the radio through your phone's internal speaker, or set the radio to play mono or stereo sound.

send/receive 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 don't have to turn off the radio to make a call. The radio is muted automatically when you dial an outgoing call from the phone keypad.

extra applications

voice commands

You can use voice commands to make calls, open phone applications, and perform many basic phone functions. You can perform voice command functions when the phone flip is open or closed.

Note: Not all phone languages support voice recognition and voice commands.

load voice recognition

To use voice commands with your phone, you must load the voice recognition application each time you turn on the phone.

Press and hold the voice recognition (VR) key on the side of your phone until the **Loading VR** message appears on the screen.

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

use voice commands

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

The voice command function operates in two modes: name/instruction mode, and digit mode. The default operating mode is name/instruction. When you speak the command "Open Digit Dial" or "Open Dial

Pad," your phone switches to digit mode so you can speak a 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.

voice command list

This section lists key voice commands. To see a complete list of voice commands, tap ⚒ **Phone Settings**, tap **Voice Command**, then tap **Commands List**.

Press and hold the VR key, and speak the voice command as described to perform the corresponding function. If your phone does not recognize a spoken voice command, it prompts you to repeat the command.

"<contact name> + Mobile (Cellphone, Call) / Work (Office) / Home" – Your phone displays the corresponding number listed in your address book. Press the VR key to dial the number.

Tip: Voice recognition is greatly improved when you store both the first and last name of contacts in the address book. You must say the name as it appears in the contact list (for example, "John Smith" or "Smith, John," depending on how you have set up the contact list sort order).

"Open Digit Dial / Open Dial Pad" – Puts your phone in digit mode to dial a phone number. When your phone displays the phone keypad, press and hold the VR key and speak the phone number you want to dial. Release the VR key. Your phone recites the number you spoke, and displays the number on the keypad. If the number is correct, press the VR key or 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).

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

"Check Missed Calls" – Your phone recites the number of missed calls you have received, and recites the name or number of each caller. (Missed calls that you have returned are excluded from the number.)

"Check New Messages / SMS" – Your phone recites the number of unread messages you have received, and recites the name or number of each sender. (Read messages are excluded from the number.)

"Send Message To <contact name>" – Open the message composition screen, with the contact's number in the To field.

"Open <application name>" – Open the named application on your phone.

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

set voice command options

When voice recognition is loaded, you can set the phone to recite messages you receive, and prompt you to speak a phone number that you want to dial.

To set your phone to **recite** the messages you open:

1 Tap ✖ **Phone Settings** in the application launcher screen, then tap **Voice Command**.

2 Tap the check box ☐ beside **Talking Phone** to select it. A check mark ☑ indicates that the message reciting feature is activated.

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

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

extra applications   **107**

1 Tap ✖ **Phone Settings** in the application launcher screen, then tap **Voice Command**.

2 Tap the check box □ beside **Digit Prompt** to select it. A check mark ☑ indicates that the audible digit prompt feature is activated.

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

Press and hold the VR 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 "Please say digits, go back, or dial out."

Bluetooth® wireless

Your phone supports Bluetooth wireless *pairing* (also called *linking* or *bonding*). You can pair your phone with a Bluetooth headset or car kit to make handsfree calls, or pair your phone with a

phone or computer that supports Bluetooth connections to exchange files.

Tip: Your phone's antenna must be on to use Bluetooth features.

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

For maximum Bluetooth security, you should always pair Bluetooth devices in a safe, private environment.

turn Bluetooth power on or off

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

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

use a headset or handsfree car kit

Before you try to pair your phone with a handsfree device, make sure the device is **on** and **ready** in pairing mode. You can pair your phone with only one device at a time.

1 Tap **✪ Bluetooth** in the application launcher screen to see the device list.

2 If necessary, turn Bluetooth power on.

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

Your phone shows 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.

Note: When Bluetooth power is on, your phone can automatically pair with a handsfree device you have used before. Just turn on the device and move it near the phone.

copy files to another device

You can copy a photo, picture, video clip, sound file, contact, calendar event, or bookmark to another phone or computer that supports Bluetooth connections.

Before you try to copy a file to another device, make sure the receiving device is **on** and **ready** in discoverable mode.

Note: You can't copy a copyrighted file.

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 see 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.

Note: Once you connect your phone to a Bluetooth device, that device can start a similar Bluetooth connection with your phone. Your display shows when a Bluetooth connection is active.

receive files from another device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 108).

Have the other device send the file to your phone.

If your phone and the sending device don't recognize each other, you must place your phone in discoverable mode so the sending device can locate it:

1 Tap ❽ Bluetooth in the application launcher screen to see the device list.

2 If necessary, turn Bluetooth power on.

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

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

send a photo to a printer

You can send a photo to a printer that supports Bluetooth connections.

Note: You can print A4 or US Letter size pages. To print another size, copy the object to a linked computer and print it from there.

1 On your phone, take a new photo or scroll to a stored photo that you want to print, tap ☰, then tap **Print**.

2 If available, choose additional objects or print options.

3 Select a recognized printer name, or tap **Search** to search for an unrecognized printer where you want to send the object.

advanced Bluetooth features

features
pair with recognized device 🔓 Tap 🔵 **Bluetooth** in the application launcher screen to see device list, 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.

features
drop pairing with device 🔓 Tap 🔵 **Bluetooth** in the application launcher screen to see device list, tap and hold the device name to open a pop-up menu, select **Disconnect** the drop the connection.

synchronize phone information

You can use different methods to synchronize information between your phone and a server or external device:

- MOTOSYNC with Exchange ActiveSync (over-the-air connection with a Microsoft® Exchange Server 2003).

- MOTOSYNC with SyncML (over-the-air connection with a SyncML server).

• Tethered Sync (Bluetooth® wireless connection or USB cable connection to a PC using the Motorola mobile PhoneTools software accessory product).

MOTOSYNC with Exchange ActiveSync

Use MOTOSYNC with Exchange ActiveSync to synchronize your contacts list, phone calendar, and email directly with your corporate Microsoft Exchange Server 2003. You can schedule when synchronization occurs, and select the type and amount of information that's synchronized.

To manually synchronize your contacts, calendar, and email, tap Ⓢ Sync in the application launcher screen, then tap Exchange ActiveSync.

If no Exchange ActiveSync profile is stored on your phone, the phone prompts you to create a profile. Contact your IT system administrator and cellular service provider to obtain the information you need to set up a profile.

MOTOSYNC with SyncML

Use MOTOSYNC with SyncML to synchronize your contacts list, phone calendar, and tasks with a SyncML-compliant server.

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

If no SyncML profile is stored on your phone, the phone prompts you to create a profile. Contact your synchronization service provider and cellular service provider to obtain the information you need to set up a profile.

tethered sync

Use a Bluetooth wireless connection or a USB cable connection to transfer and synchronize data between your phone and a PC.

To transfer and synchronize data between your phone and PC, you must use the Motorola mobile PhoneTools software included with the Motorola Original data kit. See the mobile PhoneTools user's guide for more information.

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

You can connect your phone and PC using a Bluetooth wireless connection. For more information, see page 108.

Alternatively, you can use a Motorola Original USB cable to connect your phone and PC. Plug the cable into the mini-USB connector port on the phone. Plug the other end of the cable into the USB port on the PC.

To synchronize data between your phone and PC, select the "Sync" option from the Motorola mobile PhoneTools software running on the PC.

modem

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

Tip: To connect your phone to the PC through a Bluetooth connection, make sure that your

PC supports Bluetooth and has the correct drivers installed.

Motorola mobile PhoneTools software includes a PC modem application that makes it easy to use your phone as a modem, and to set up a USB cable connection without first having to activate your phone's modem application.

Tap ⬅ **Modem** in the application launcher screen to see the modem status screen. When your phone shows **Status: Ready**, it's ready to be used as a standard PC modem.

send data call

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

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

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

receive data call

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

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

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 see a list of STK applications you can use.

Tap a service or feature to select it. Your phone shows 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.

world time

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

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

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.

To replace a city listing in the world time screen, tap the city name, then tap **Browse...** to see the time zone map (shown below). Tap the city name again to see a city list. Select a new city, then tap **OK** to store it.

Alternatively, tap a time zone in the time zone map to see a list of cities in that time zone. Select a new city, then tap **OK** to store it.

To add a new city to the city list, tap **☰**, then tap **Add City**. Enter the city name and its time zone, then tap **OK** to store it.

other features

advanced calling

features

conference call 🐥

During a call:

Tap keypad button ⚌, tap keypad keys to dial next number, tap **Call**, when call connects tap **Link** to connect the two calls. Repeat to add additional parties to the call.

transfer a call 🐥

During a call:

Tap ☰, tap **Transfer**, tap keypad keys to dial the number to which you want to transfer the call, tap **Call** to transfer.

features

call forwarding 🐥

Set up or cancel call forwarding:

Tap ⟨⌃⟩ , tap ☰, tap **Setup**, tap **Call Divert**.

Tap ☰, then tap **Switch** to switch between calls.

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

call barring 🐥

Restrict outgoing or incoming calls:

Tap ⌨, tap ✕ **Phone Settings**, tap **Security** tap **Call Barring**.

features

fixed dial

When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.

Tap [88], tap ⚒ **Phone Settings**, tap **Security**, tap **Fixed Dialing**, then select **On** or **Off**.

You edit fixed dial entries just like an address book contact. You can enter a wildcard character ^ in one or more positions for a fixed dial phone number. The wildcard character can be replaced by any digit when the user dials the number.

setup

features

language

Set menu language:

Tap [88], tap ⚒ **Phone Settings**, tap **Language**.

Tip: Select **Automatic** to let your phone set the language based on your location.

text size

Set the size of the display text:

Tap [88], tap ⚒ **Phone Settings**, tap **Text Size**.

features

USB mode

Set the mode in which you want to use your phone's USB port:

Tap [⊞], tap ✂ **Phone Settings**, tap **USB Mode**, then select **Modem** or **Mass Storage**.

Motorola mobile PhoneTools software can automatically change your phone's USB mode setting as needed.

touchscreen calibration

Calibrate the touchscreen if the phone begins to respond incorrectly to your stylus input on the touchscreen display:

Tap [⊞], tap ✂ **Phone Settings**, tap **Screen Calibration**.

features

power management

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

Tip: To conserve power, leave Bluetooth power turned off when not in use.

Tap [⊞], tap ✂ **Phone Settings**, then tap **Power Management**.

Select **Battery Save** to automatically adjust phone settings to maximize battery life.

Select **Auto Power Off** to have your phone automatically turn itself off after a specified period of inactivity.

features
master reset
Reset all default phone settings **except** for the lifetime timer:
Tap [⊞], tap ✂ **Phone Settings**, tap **Master Reset**.
Tip: Tap **Cancel** to exit without performing the master reset procedure.

features
master clear
Caution: Master clear **erases all information you have entered** (including address book and calendar entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.
Clear all settings and entries you made **except** SIM card information, erase downloaded pictures and sound files, and reset all options **except** for the lifetime timer:
Tap [⊞], tap ✂ **Phone Settings**, tap **Master Clear**.
Tip: Tap **Cancel** to exit without performing the master clear procedure.

call times & costs

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 🔘 or tapping 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, contact your service provider.

features
call times   🅰
See call timers and cost trackers:
Tap 🔽, tap ☰, tap Setup, tap Call Meters.
To reset the call timer, tap Clear Call Time.
To reset the cost tracke, tap Clear Call Cost.

features
in-call timer   🅰
Show time or cost information during a call:
Tap 🔽, tap ☰, tap Setup, tap Call Meters, tap the Display pop-up menu, then select Timer, Cost, Total Cost, 1 Credit, or Off.
audible in-call timer   🅰
Set an audible timer to beep at specified intervals during a call:
Tap 🔽, tap ☰, tap Setup, tap Call Meters, tap the Audible Timer pop-up menu, then select Off, 1 Min, 5 Min, 10 Min, or 15 Min.

features
call cost setup $\widehat{A}$
Set a credit limit:
Tap $\boxed{\curvearrowright}$, tap $\boldsymbol{\equiv}$, tap **Setup**, tap **Call Meters**, tap **Call Cost Setup**, enter your SIM PIN2 code when prompted.
You can enter a credit limit, and set the phone to display your remaining credit in time units or as a currency value.
credit available (advice of charge option) $\widehat{A}$
See the amount of credit available:
Tap $\boxed{\curvearrowright}$, tap $\boldsymbol{\equiv}$, tap **Setup**, tap **Call Meters**, tap **Available Credit**.

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, 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.

features
adjust Bluetooth accessory volume $\widehat{\boxplus}$
If your Bluetooth headset or car kit accessory supports remote volume control, you can use your phone's volume keys to set the device's speaker volume during a handsfree call.

features
auto answer   🖑   Automatically answer calls when using the handsfree speaker, or when the phone is connected to a car kit, headset, or external speakerphone: Tap **⌖** to open the phone keypad, tap **☰**, tap **Setup**, then select **Auto Answer**.

security

features
lock/unlock 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.   **Caution:** If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your display shows **SIM Blocked**.   Tap **⊞** to open application launcher, tap **✕ Phone Settings**, tap **Security**, then select **PIN Request On** or **PIN Request Off**.

features

unblock SIM card PIN codes

If you enter an incorrect SIM card PIN code or PIN2 code three times in a row, your SIM card is disabled and your phone displays SIM PIN Blocked. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

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

service and repairs

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR
EXPOSURE TO RADIO WAVES

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

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

Before a phone model is available for sale to the public in the U.S. and
Canada, it must be tested and certified to the FCC and Industry Canada
that it does not exceed the limit established by each government for safe
exposure. The tests are performed in positions and locations
(e.g., at the ear and worn on the body) reported to the FCC and available
for review by Industry Canada. The highest SAR value for this model phone
when tested for use at the ear is 0.65 W/kg, and when worn on the body, as
described in this user guide, is 0.49 W/kg. (Body-worn measurements differ
among phone models, depending upon available accessories and
regulatory requirements).[2]

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

The World Health Organisation 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 Organisation (http://www.who.int/emf) or
Motorola, Inc. (http://www.motorola.com/rfhealth).

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* 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.

** Please see the Safety and General Information section about
body worn operation.

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U.S. patent Re. 34,976