Motorola **V197**
GSM

MOTOMANUAL

www.motorola.com

HELLOMOTO

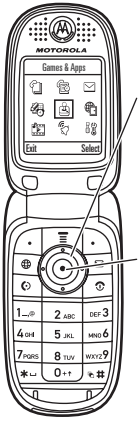
Introducing your new Motorola V197 GSM wireless phone. Here's a quick anatomy lesson.

Home Screen

2 Press the **Menu** key to open the **Main Menu**.

1 Press and hold the **Power Key** for a few seconds or until the display lights up to turn on your phone.

Main Menu



3 Press the Navigation Key **up, down, left, or right** ( ) to highlight a menu feature.

4 Press the **Center Key** ( ) to select it.

Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

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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contents

menu map 6
Use and Care 8
essentials 9
about this guide. 9
SIM card 10
battery 10
turn it on & off 13
make a call. 13
answer a call 13
store a phone number . 13
call a stored phone number 14
your phone number . . . 14
main attractions 16
Bluetooth® wireless . . 16
play videos. 21
multimedia messages . 22
cable connections 23
phone updates. 24
basics 25
display 25
text entry. 28
volume. 31
navigation key 32
smart key. 32
external display 32
handsfree speaker. . . . 33
codes & passwords. . . 33
lock & unlock phone . . 34
customize. 35
ring style 35
time & date 36
wallpaper 36
screen saver 37
display appearance . . . 37
answer options 38
calls. 39
turn off a call alert 39
recent calls 39
redial 40
return a call 41
caller ID 41
emergency calls 41
voicemail 42
other features 43
advanced calling 43
phonebook. 48
messages 52
personalizing 54
call times & costs 56
(continued next page)

other features (continued)
handsfree 57
data & fax calls 58
network 58
personal organizer . . . 59
security. 60
fun & games. 60
service and repairs 63
SAR Data. 64
EU Conformance 66
Safety Information 68
Industry Canada Notice 73
FCC Notice 74
Warranty 75
Hearing Aids 79
WHO Information 80
Registration 80
Export Law 81
Recycling. 81
Perchlorate Label 82
Driving Safety 83
index 85

menu map

main menu

Phonebook

Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times *
- Call Cost *
- Data Times *
- Data Volumes *

Messages
- Create Message
- Message Inbox
- Outbox
- Drafts
- MMS Templates
- Quick Notes
- Browser Msgs
- Info Services *
- Voicemail

Tools
- SIM Applications *
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Dialing Services
  - Fixed Dial *
  - Quick Dial
  - Voice Dial

Games & Apps

Web Access *
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions *

Multimedia
- Pictures
- Sounds
- Videos *

Ring Styles
- Style
- style Detail

Settings
- (see next page)

* optional features

This is the standard main menu layout. **Your phone's menu may be different.**

settings menu

Personalize
- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver

Connection
- Bluetooth® Link
- Sync

Call Forward *
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

In-Call Setup
- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup *
- Scroll
- Language
- Contrast
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Software Update *
- Other Information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- My Network List *
- Service Tone *
- Call Drop Tone

Security
- Phone Lock
- Lock Application
- Fixed Dial *
- Restrict Calls *
- Call Barring *
- SIM PIN
- New Passwords
- Certificate Mgmt *

Java™ Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Backlight

* optional features

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.

essentials

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

about this guide

This guide shows how to open a menu feature as follows:

Find it: ☰ > ✉ **Messages** > **Create Message**

This means that, from the home screen:

1. Press the *menu key* ☰ to open the menu.
2. Press the *navigation key* ◎ to scroll to ✉ **Messages**, and press the *center key* ◉ to select it.
3. Press the navigation key ◎ to scroll to **Create Message**, and press the center key ◉ to select it.

symbols

	This means a feature is network, SIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.

symbols	
	This means a feature requires an optional accessory.

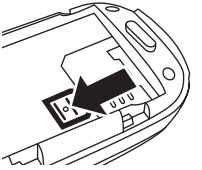
SIM card

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

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

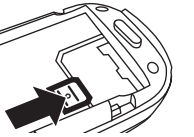
1

2



3

4



Note: Make sure the gold SIM card contacts are facing down.

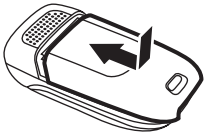
battery

battery installation

1

2

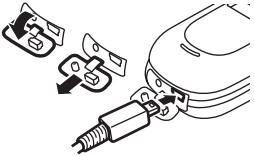
3



battery removal

To remove the battery, remove the battery cover and pull the bottom of the battery up out of the phone.

battery charging



New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone might take several seconds to start charging the battery. Your 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.

™

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.

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.

  MOTOROLA ORIGINAL™

- 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.

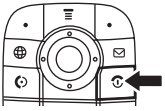
Contact your local recycling center for proper battery disposal.

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 the gray-edged pages at the back of this guide.

turn it on & off

Caution: Some phones ask for your SIM card PIN code when you turn them on. If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows **SIM Blocked**. Contact your service provider.



To turn on your phone, press and hold ⏻ for a few seconds or until the keypad or display lights up. If prompted, enter your eight-digit SIM card PIN code and/or four-digit unlock code.

To turn off your phone, press and hold ⏻ for a few seconds.

make a call

Enter a phone number and press ⏻ to make a call.

To "hang up," close the flip or press ⏻.

answer a call

When your phone rings and/or vibrates, just open the flip or press ⏻ to answer.

To "hang up," close the flip or press ⏻.

store a phone number

You can store a phone number in your **Phonebook**:

1 Enter a phone number in the home screen.

2 Press the **Store** key.

3 Enter a name and other details for the phone number. To select a highlighted item, press the *center key* ◆.

Note: You can store a phonebook entry in your phone's memory or on your SIM card. In the entry, select **Store To** and choose **Phone** or **SIM**. Entries stored on the SIM card can only include name and number details.

4 Press the **Done** key to store the number.

To edit or delete a **Phonebook** entry, see page 48.

To store an email address from the home screen, press [≡] > **Phonebook**, then press [≡] > **New** > **Email Address**.

call a stored phone number

Find it: [≡] > **Phonebook**

1 Scroll to the phonebook entry.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry name, then press the **Search** key to jump to the entry.

2 Press [⏻] to call the entry.

your phone number

From the home screen, press [≡] then [#] to see your number.

Tip: Want to see your phone number while you're on a call? Press [≡] > **My Tel. Number**.

You can edit the name and phone number stored on your SIM card. From the home screen, press [≡] [#], select an entry, press the **View** key, and press the **Edit** key. If you don't know your phone number, contact your service provider.

main attractions

You can do much more with your phone than make and receive calls!

Bluetooth® wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree calls. You can also connect your phone with a phone or computer that supports Bluetooth connections to exchange files.

Your phone is a **Bluetooth Class 1** device, which means it can connect to other Bluetooth devices up to 320 feet away (rather than 32 feet away, as with Bluetooth Class 2 devices).

Note: Your phone's Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

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 connect Bluetooth devices in a safe, private environment.

turn Bluetooth power on or off

Find it: ☰ > Settings > Connection > Bluetooth Link > Setup > Power > On

Note: To extend battery life, use this procedure to set Bluetooth power to **Off** when not in use. Your phone will not connect to devices until you set Bluetooth power back to **On** and connect your phone with the device again.

use a headset or handsfree car kit

Before you try to connect your phone with a handsfree device, make sure the device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device). You can connect your phone with only one device at a time.

Find it: ☰ > Settings > Connection > Bluetooth Link > Handsfree > [Look For Devices]

Your phone lists the devices it finds within range.

1. Scroll to a device in the list and press the *center key* ◆.
2. Press the **Yes** or **OK** key to connect to the device.
3. If necessary, enter the device passkey (such as **0000**) and press the **OK** key.

When your phone is connected, the Bluetooth indicator ✱ shows in the home screen.

Shortcut: When Bluetooth power is on, your phone can automatically connect to a handsfree device you have used before. Just turn on the device or move it near the phone.

Tip: Want to know more about your headset or car kit? For specific information about a

device, refer to the instructions that came with it. For more Bluetooth support, see: `www.motorola.com/Bluetoothsupport`

copy files to another device

You can copy a media file, phonebook entry, datebook event, or Web shortcut from your phone to a computer or other device.

Note: You can't copy some copyrighted objects.

1 On your phone, scroll to the object that you want to copy to the other device.

2 Press [≡], then select:

- **Manage** > **Copy** for media files.
- **Share Phonebook Entry** for phonebook entries.
- **Send** for datebook events.

3 Select a recognized device name, or **[Look For Devices]** to search for the device where you want to copy the file.

If your phone could not copy the file to the other device, make sure the device is **on** and **ready** in *discoverable* mode (see the user's guide for the device). Also, make sure the device is not busy with another similar Bluetooth connection.

Note: Once you connect your phone to a Bluetooth device, that device can start similar Bluetooth connections with your phone. Your display shows the Bluetooth indicator ✱ at the top when there is a Bluetooth connection. To change a device's **Access** setting, see page 21.

receive files from another device

If you do not see the Bluetooth indicator at the top of your phone display, turn on your phone's Bluetooth feature by pressing > **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Power** > **On**.

1 Place your phone near the device, and send the file from the device.

   If your phone and the sending device don't recognize each other, place your phone in discoverable mode so the sending device can locate it. Press > **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Find Me**.

2 Press the **Accept** key on your phone to accept the file from the other device.

Your phone notifies you when file transfer is complete. If necessary, press the **Save** key to save the file.

advanced Bluetooth features

A device is *recognized* after you connect to it once (see page 17).

features	
make phone visible to other device	Allow a Bluetooth device to discover your phone: > **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Find Me**

features	
connect to recognized device	Connect your phone to a recognized handsfree device: > Settings > Connection > Bluetooth Link > Handsfree > *device name*
drop connection with headset or handsfree device	Scroll to the device name and press the Drop key.
switch to headset or handsfree device during call	During a call, press > Use Bluetooth to switch to a recognized headset or car kit.

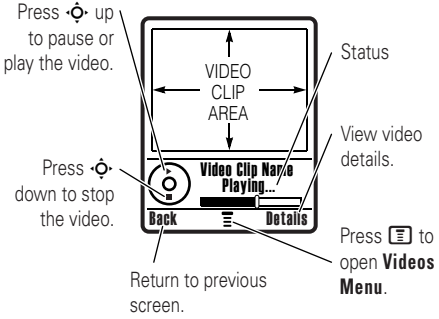
features	
move multimedia object to device	**Caution:** Moving an object **deletes** the original object from your phone. Scroll to the object, press > Move, select the device name.
copy multimedia object to device	Scroll to the object, press > Copy, select the device name.

features	
edit device properties	> Settings > Connection > Bluetooth Link > Device History Scroll to the device name and press the *center key* . **Note:** The Access setting can restrict how this device connects to your phone. You can choose Automatic (always connects), Always Ask (asks you before connecting), Just Once, Never, or Custom.
set Bluetooth options	> Settings > Connection > Bluetooth Link > Setup

play videos

Find it: > Multimedia > Videos > *video name*

The video clip plays:



To download a video with the micro-browser, see page 61. You can also attach videos to multimedia messages.

multimedia messages

To create a group mailing list, see page 51.
For more message features, see page 52.

send a multimedia message

A *Multimedia Messaging Service* (MMS) message contains pages with text and media objects (including pictures, animations, or sounds). You can send the multimedia message to other MMS-capable phones, and to email addresses.

Find it: ✉ > **Create Message** > **New Multimedia Msg**

1 Press keypad keys to enter text on the page (for details about text entry, see page 28).

   To insert a **picture, sound, or other object** on the page, press ☰ > **Insert**. Select the file type and the file.

   To insert **another page** in the message, enter text or objects on the current page and press ☰ > **Insert** > **New Page**. You can enter more text and objects on the new page.

2 When you finish the message, press the **Send To** key.

3 Choose one or more people for **Send To**:

   To select a **phonebook entry**, scroll to the entry and press the *center key* ◆. Repeat to add other phonebook entries.

   To **enter** a new number or email address, scroll to **[New Number]** or **[New Email Address]** and press the *center key* ◆.

4 To **send** the message, press the **Send** key.

   Before you send a message, press ☰ to choose **Save to Drafts**, **Abort Message**, or open **Message Options** (such as message **Subject** or **CC** addresses).

receive a multimedia message

When you receive a multimedia message or letter, your phone plays an alert and the display shows **New Message** with a message indicator such as .

Press the **Read** key to open the message.

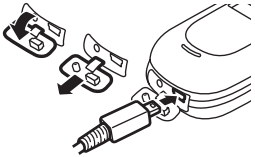
If a multimedia message contains media objects:

- Photos, pictures, and animations show as you read the message.
- A sound file plays when its slide shows. Use the volume keys to adjust the sound volume.

  Note: In a multimedia letter, you may have to scroll to an indicator in the text to play a sound file.
- Attached files are added to the end of the message. To open an attachment, scroll to the file indicator/filename and press the **View** key (image), **Play** key (sound), or **Open** key (phonebook vCard, datebook vCalendar entry, or unknown file type).

cable connections

Your phone has a mini-USB port so you can connect it to a computer to transfer data.



You can use data cables and supporting software on your computer to:

- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.

- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data calls from your computer or handheld device.

Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need. To **transfer data** between your phone and computer, you might need to install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data calls** through a connected computer, see page 58.

phone updates

Sometimes we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated and register for free update notifications at: `http://www.hellomoto.com/support/update`

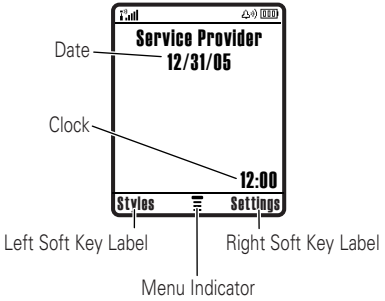
Note: Software updates do not affect your phonebook entries or other personal entries. If you receive a software update but choose to install it later, see page 58.

basics

See page 1 for a basic phone diagram.

display

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



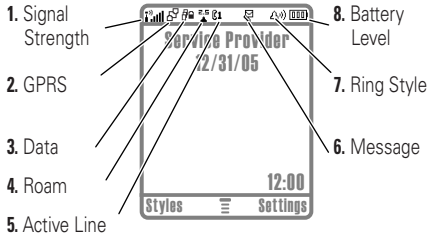
Note: Your home screen might look different from the one shown, depending on your service provider.

To dial a number from the home screen, press number keys and ⊙.

Press ✧ up, down, left, or right in the home screen to open basic menu features.

Press the *menu key* ☰ to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Status indicators can show at the top of the home screen:



1 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when ⁇ or ⁇ shows.

2 GPRS Indicator – Shows when your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. Indicators show PDP context active ⁇ or packet data available ⁇.

3 Data Indicator – Shows connection status.

⁇ = secure packet data transfer	⁇ = unsecure packet data transfer
⁇ = secure application connection	⁇ = unsecure application connection
⁇ = secure *Circuit Switch Data* (CSD) call	⁇ = unsecure CSD call

⁇ = Bluetooth® connection is active

4 Roam Indicator – Shows when your phone is seeking or using a network outside your home network. Indicators can include:

⁇ = 2G home	⁇ = 2G roam
⁇ = 2.5G home	⁇ = 2.5G roam

5 **Active Line Indicator –** Shows to indicate an active call, or to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

= line 1 active	= line 1 active, call forward on
= line 2 active	= line 2 active, call forward on

6 **Message Indicator –** Shows when you receive a new message. Indicators can include:

= text message

= voicemail message

= voicemail & text message

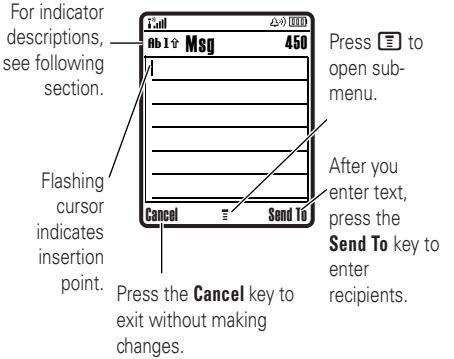
7 **Ring Style Indicator –** Shows the ring style setting.

= loud ring	= vibrate & ring
= soft ring	= vibrate then ring
= vibrate	= silent

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

text entry

Some features let you enter text.



Press # in a text entry view to select an entry mode:

entry modes	
1 or 1	Your **Primary** text entry mode can be set to any iTAP® 1 or tap 1 mode.
2 or 2	Your **Secondary** text entry mode can be set to any iTAP 2 or tap 2 mode, or set to **None** if you don't want a secondary entry mode.
12	**Numeric** mode enters numbers only.
@	**Symbol** mode enters symbols only.

To set your primary and secondary text entry modes, press ≡ > **Entry Setup** in a text entry view and select **Primary Setup** or **Secondary Setup**.

iTAP® and Tap mode tips

- Press 0 in a text entry view to change text case to all capital letters (**AB**), no capitals (**ab**), or next letter capital (**Ab**).

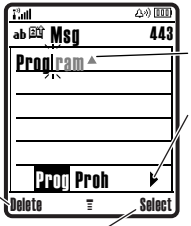
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP or Tap mode.
- Press 1 to enter punctuation or other characters.
- Press ◆ to move the flashing cursor to enter or edit message text.
- To cancel your message, press ⏻.

iTAP® mode

Press # in a text entry view to switch to iTAP mode. If you don't see 📖 or 📖, press ☰ > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

For example, if you press 7 7 6 4, your display shows:



Press ◆ up to accept Program.

Press ◆ right to highlight another combination. Press * to enter Prog and a space.

Press the **Delete** key to delete the last letter.

Press the **Select** key to lock the highlighted combination.

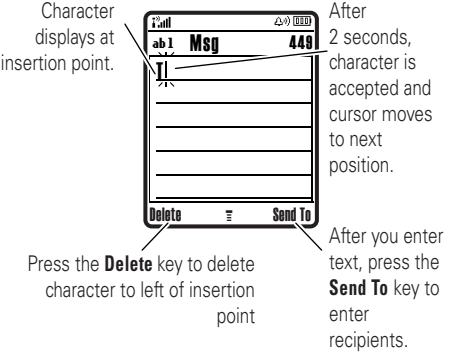
If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.

tap and tap extended modes

Press [#] in a text entry view to switch to tap mode. If you don't see **Ab1** or **Ab2**, press [≡] > **Entry Setup** to set tap mode as your primary or secondary text entry mode.

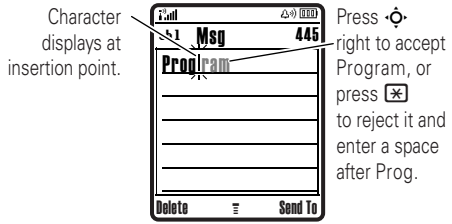
To enter text in **Tap** mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter. The **Tap Extended** mode works the same way, but includes more special characters and symbols.

For example, if you press [8] one time, your display shows:



When you enter three or more characters in a row, your phone may guess the rest of the

word. For example, if you enter **Prog** your display might show:



The first character of every sentence is capitalized. If necessary, press down to change the character to lowercase before the cursor moves to the next position.

numeric mode

Press # in a text entry view until you see 12. Press the number keys to enter the numbers you want.

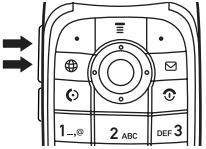
Shortcut: You can press and hold a number key to temporarily switch to numeric mode from iTAP® or Tap modes. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.

symbol mode

Press # in a text entry view until you see @. Press a keypad key to show its symbols at the bottom of the display. Scroll to the symbol you want, then press the *center key* .

volume

Press the volume keys to:



- turn off an incoming call alert

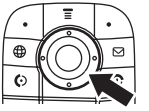
- change the earpiece volume during calls
- change the ringer volume from the home screen

  Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key while you are in the home screen.

To change your ringer volume when your phone is closed, see page 33.

navigation key

Press the *navigation key* up, down, left, or right to scroll to items in the display. When you scroll to an item, press the *center key* to select it.



smart key

The smart key gives you another way to do things. For example, when you scroll to a menu item, you can press the smart key to select it (instead of pressing the *center key*). The smart key usually does the same thing as pressing the *center key*. To find the smart key, see page 1. To change what the smart key does in the home screen, see page 55.

external display

When your phone is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 26.

set phone ring style in external display

1 Press a volume key to see **Ring Styles**.

2 Press the smart key repeatedly, until the style you want appears.

3 Press a volume key to return to the home screen.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **Speaker** key to turn the handsfree speaker on. Your display shows **Spkrphone On** until you turn it off or end the call.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

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:

Find it: [menu] > **Settings** > **Security** > **New Passwords**

You can also change your **SIM PIN** password.

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, press [menu] and enter your six-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, or PIN2 code, 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 **manually lock** your phone:
Press [menu] > Settings > Security > Phone Lock > Lock Now.

To **automatically lock** your phone whenever you turn it off: Press [menu] > Settings > Security > Phone Lock > Automatic Lock > On.

Note: You can make emergency calls on a locked phone (see page 41). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

Loud	Vibrate	Vibe Then Ring
Soft	Vibe & Ring	Silent

The ring style profile's indicator shows at the top of your home screen. To choose your profile:

Find it: > Ring Styles > Style: *style name*

Shortcut: In the **home screen**, press the volume keys up or down to quickly change your ring style profile. With your **phone closed**, press a volume key to see your ring style profile, press the smart key to change it, then press a volume key to store the change.

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: > Ring Styles > *style* Detail

Note: *Style* represents the current ring style. You can't set an alert for the Silent ring style setting.

1 Scroll to Calls (or Line 1 or Line 2 for dual-line phones), then press the Change key to change it.

2 Scroll to the alert you want, then press the *center key* ◆.

3 Press the **Back** key to save the alert setting.

Tip: If you want a ring that sets you apart, you can use an MP3 sound file. To download files, see page 61.

time & date

Your phone needs the time and date for the datebook.

To **synchronize** the time and date with the network: Press ☰ > **Settings** > **Initial Setup** > **Time and Date** > **Autoupdate** > **On**.

To **manually** set the time and date, turn off **Autoupdate**, then: Press ☰ > **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*.

To choose an **analog or digital** clock for your home screen, press ☰ > **Settings** > **Personalize** > **Home Screen** > **Display** > **Clock**.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it: ☰ > **Settings** > **Personalize** > **Wallpaper**

options	
Picture	Press ◆ up or down to select a picture, or select **None** for no wallpaper.
Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display, or **Fit-to-screen** to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver shows when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it: ☰ > Settings > Personalize > Screen Saver

options	
Picture	Press ◆ up or down to select a picture or animation, or select None for no screen saver.
Delay	Select the length of inactivity before the screen saver shows.

display appearance

To choose the **colors** that your phone uses for indicators, highlights, and soft key labels: Press ☰ > Settings > Personalize > Color Style.

To set your display **brightness**: Press ☰ > Settings > Initial Setup > Brightness.

To save battery life, your keypad **backlight** turns off when you're not using your phone. The backlight turns on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

Press ☰ > Settings > Initial Setup > Backlight.

Note: To turn the backlight on or off for Java™ applications, press ☰ > Settings > Java Settings > App Backlight.

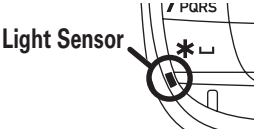
To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip

or press any key. To set how long your phone waits before the display turns off:

Press [menu] > Settings > Initial Setup > Display Timeout.

Note: Your phone has a light sensor near the [*] key.

To save battery life, the **keypad** only lights up when you press keys in a dark room.



answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it: [menu] > Settings > In-Call Setup > Answer Options

options	
Multi-Key	Answer by pressing any key.
Open to Answer	Answer by opening the flip.

calls

To make and answer calls, see page 13.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

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.

Shortcut: Press from the home screen to see a list of recent calls.

Find it: > **Recent Calls** > **Received Calls** or **Dialed Calls**

Scroll to a call. A ✓ next to a call means the call connected.

- To call the number, press .
- To see call details (like time and date), press the *center key* .
- To see the **Last Calls Menu**, press . This menu can include:

options	
Store	Create a phonebook entry with the number in the **No.** field. **Store** does not appear if the number is already stored.

options	
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID / Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. **Note:** This option shows only during a call.

options	
Talk then Fax	Talk and then send a fax in the same call (see page 58).

redial

1 Press [⊙] from the home screen to see a list of recent calls.

2 Scroll to the entry you want to call, then press [⊙].

If you hear a **busy signal**, and you see **Call Failed**, you can press [⊙] or the **Retry** key to redial the number. When the call goes through, your phone rings or vibrates one time, shows **Redial Successful**, and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and shows **X Missed Calls**, where **X** is the number of missed calls.

1 Press the **View** key to see the received calls list.

2 Scroll to the call you want to return, then press ⊙.

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

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

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 49).

To show or hide **your phone number** from the next person you call, enter the phone number and press ☰ > **Hide ID/Show ID**.

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 Press the keypad keys to dial the emergency number.

2 Press to call the emergency number.

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.

Note: Your service provider may include additional information about using this feature.

When you **receive** a voicemail message, your phone shows the voicemail message indicator and **New Voicemail**. Press the **Call** key to listen to the message.

To **check** voicemail messages:

Find it: > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider.

Note: You can't store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then you can use the entry to call your voicemail.

other features

advanced calling

features

1-touch dial

To call phonebook entries with **Speed No.** 1 through 9, hold the key for the entry (1 through 9).

Note: To speed dial phonebook entries 10 and above, see "speed dial" on page 44.

To add a new phonebook entry, see page 13. To edit the **Speed No.** for a phonebook entry, see page 50.

features

set 1-touch dial list

You can set 1-touch dial to call the entries in your phone memory phonebook, your SIM card's phonebook, or your Fixed Dial list: Press M > **Settings** > **Initial Setup** > **1-Touch Dial** > **Phone**, **SIM**, or **Fixed Dial**.

features

speed dial

Speed dial a phonebook entry:

Enter the speed dial number, press #, then press .

Note: To 1-touch dial phonebook entries 1 through 9, see "1-touch dial" on page 43.

To add a new phonebook entry, see page 13. To edit the **Speed No.** for a phonebook entry, see page 50.

Tip: If you forget Aunt Mildred's speed dial number, press > **Phonebook**, scroll to her entry, and press the *center key* .

attach a phone number

Dial an area code or prefix for a phonebook number, then press > **Attach Number**.

features

notepad

The last number you entered is stored in the *notepad*. You can use the notepad to "jot down" a number during a call for later use. To see the notepad:

Press > **Recent Calls** > **Notepad**.

- To call the number, press .
- To create a phonebook entry with the number in the **No.** field, press the **Store** key.
- To open the **Dialing Menu** to attach a number or insert a special character, press .

features

international calls

If your phone service includes international dialing, press and hold 0 to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

hold a call

Press ≡ > **Hold** to put all active calls on hold.

mute a call

Press ≡ > **Mute** to put all active calls on mute.

features

call waiting

When you're on a call, you'll hear an alert if you receive a second call.

Press ⊙ to answer the new call.

- To switch between calls, press the **Switch** key.
- To connect the two calls, press the **Link** key.
- To end the call on hold, press ≡ > **End Call On Hold**.

To turn the call waiting feature on or off, press ≡ > **Settings** > **In-Call Setup** > **Call Waiting** > **On** or **Off**.

features
conference call During a call: Dial next number, press [Link], press the **Link** key.
transfer a call During a call: [Menu] > **Transfer**, dial transfer number, press [Link]
call forwarding Set up or cancel call forwarding: [Menu] > **Settings** > **Call Forward**
restrict calls Restrict outgoing or incoming calls: [Menu] > **Settings** > **Security** > **Restrict Calls** Tell your phone to allow **All**, **None**, or only the calls from your **Phonebook**.

features
call barring Restrict outgoing or incoming calls: [Menu] > **Settings** > **Security** > **Call Barring**
TTY calls Set up your phone for use with an optional TTY device: [Menu] > **Settings** > **Initial Setup** > **TTY Setup**
change phone line If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number. [Menu] > **Settings** > **Phone Status** > **Active Line** The active line indicator shows the active phone line (see page 27).

features

fixed dial

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

Turn fixed dialing on or off:

> **Settings** > **Security** > **Fixed Dial**

Use the fixed dial list:

> **Tools** > **Dialing Services** > **Fixed Dial**

quick dial

Dial preprogrammed phone numbers:

> **Tools** > **Dialing Services** > **Quick Dial**

features

DTMF tones

Activate DTMF tones:

> **Settings** > **Initial Setup** > **DTMF**

To send DTMF tones during a call, just press number keys or scroll to a number in the phonebook or recent calls lists and press > **Send Tones**.

phonebook

features

edit or delete a phonebook entry

Edit a number stored in the phonebook:

[≡] > [phone] **Phonebook**, scroll to the phonebook entry, and press [≡]. You can select **Edit**, **Delete**, or other options.

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry name, then press the **Search** key to jump to the entry.

features

record voice name for a phonebook entry

When creating a phonebook entry, scroll to **Voice Name** and press the **Record** key. Press the **Record** key again and say the entry's name (within two seconds). When prompted, press the **Record** key and repeat the name.

Note: The **Voice Name** option isn't available for entries stored on the SIM card.

features

voice dial a phonebook entry

Voice dial a number stored in the phonebook:

[menu] > **Tools** > **Dialing Services** > **Voice Dial**

When prompted, say the entry's voice name (within two seconds).

Tip: If you use **Voice Dial** a lot, you can create a shortcut to it. Scroll to **Voice Dial**, then press and hold [menu]. To use the shortcut, press [menu] and the shortcut key number.

features

set ringer ID for a phonebook entry

Assign a ring alert (ringer ID) to an entry:

[menu] > **Phonebook** > *entry*, then press [menu] > **Edit** > **Ringer ID** > *ringer name*

Note: The **Ringer ID** option isn't available for entries stored on the SIM card.

Activate ringer IDs:

[menu] > **Ring Styles** > *style* **Detail** > **Ringer IDs**

set picture ID for a phonebook entry

Assign a photo or picture to show when you receive a call from an entry:

[menu] > **Phonebook** > *entry*, then press [menu] > **Edit** > **Picture** > *picture name*

Note: The **Picture** option isn't available for entries stored on the SIM card.

features
set picture ID view for phonebook Show entries as a text list, or with picture caller ID photos: [≡] > [phonebook] **Phonebook**, then press [≡] > **Setup** > **View by** > *view name*
set category for a phonebook entry [≡] > [phonebook] **Phonebook** > *entry*, then press [≡] > **Edit** > **Category** > *category name* **Note:** The **Category** option isn't available for entries stored on the SIM card.
set category view for phonebook [≡] > [phonebook] **Phonebook**, then press [≡] > **Categories** > *category name* You can show **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you create.

features
set speed number for a phonebook entry Set the **Speed No.** for an entry: [≡] > [phonebook] **Phonebook**, scroll to the entry, and press [≡] > **Edit** > **Speed No.** To speed dial an entry, enter the speed dial number, press [#], then press [⊙]. To use 1-touch dial, see page 43.

features

set primary number or address for a phonebook entry

Set the primary number for an entry with multiple numbers:

> **Phonebook**, scroll to the entry, press
> **Set Primary** > *number* or *address*

Note: The **Set Primary** option isn't available for entries stored on the SIM card.

Tip: In **Primary** number view mode, you can still peek at other numbers stored for the same name. Scroll to the name and press left or right to see the other numbers.

features

create group mailing list

You can put several phonebook entries in a group mailing list, then send a message to the list. To create a list:

> **Phonebook**, then press
> **New** > **Mailing List**

You can select the list name as an address for multimedia messages.

Note: A **Mailing List** cannot include entries stored on the SIM card.

features

sort phonebook list

Set the order in which entries are listed:

> **Phonebook**, then press
> > **Setup** > **Sort by** > *sort order*

You can sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**. When sorting by name, you can see **All** numbers or just the **Primary** number for each name.

copy one phonebook entry

Copy an entry from the phone to the SIM card, or from the SIM card to the phone:

> **Phonebook**, scroll to the entry, press
> > **Copy** > **Entries** > **To**

features

send phonebook entry to another device

Send a phonebook entry to another phone, computer, or device:

> **Phonebook**, scroll to the entry, press
> > **Share Phonebook Entry**

For more information about copying files to another device, see page 18.

messages

For basic multimedia message features, see page 22.

features

send text message

> **Create Message** > **New Short Msg**

use a multimedia template

Open a multimedia message with preloaded animations:

> **Create Message** > **MMS Templates**

read and manage messages

> **Message Inbox**

Icons next to each message indicate if it is read or unread. Icons can also indicate if the message is locked, urgent !, or low priority ↓, or if it has an attachment.

To **Reply**, **Forward**, **Lock**, or **Delete** a message, scroll to it and press .

store message objects

Go to a multimedia message page, or scroll to an object in a message, then:

> **Store**

store text messages on your SIM card

To store incoming text messages on your SIM card, press:

, then press > **Inbox Setup** > **Text Msg Setup** > **Store To** > **SIM**.

browser messages

Read messages received by your micro-browser:

> **Browser Msgs**

features
info services Read subscription-based information services messages: > **Info Services**

personalizing

features
language Set menu language: > **Settings** > **Initial Setup** > **Language**
scroll Set the scroll bar to **Up/Down** or **Wrap Around** in menu lists: > **Settings** > **Initial Setup** > **Scroll**

features
activate ringer IDs Activate ringer IDs assigned to phonebook entries and categories: > **Ring Styles** > *style* **Detail** > **Ringer IDs**
ring volume > **Ring Styles** > *style* **Detail** > **Ring Volume**
keypad volume > **Ring Styles** > *style* **Detail** > **Key Volume**
reminders Set reminder alerts for messages that you receive: > **Ring Styles** > *style* **Detail** > **Reminders**

features
menu view Show the main menu as graphic icons or as a text-based list: > Settings > Personalize > Main Menu > View
main menu Reorder your phone's main menu: > Settings > Personalize > Main Menu > Reorder
show/hide menu icons Show or hide menu feature icons in the home screen: > Settings > Personalize > Home Screen > Home Keys > Icons

features
change home keys Change features for the soft keys, navigation key, and smart key in the home screen: > Settings > Personalize > Home Screen > Home Keys
shortcuts Create a shortcut to a menu item: Scroll to the menu item, then press and hold . Use a shortcut: Press , then press the shortcut number.
master reset Reset all options **except** unlock code, security code, and lifetime timer: > Settings > Initial Setup > Master Reset

features
master clear **Caution:** Master clear **erases all information you have entered** (including phonebook and datebook 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. > Settings > Initial Setup > Master Clear

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 . 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 Show call timers: > Recent Calls > Call Times
in-call timer Show time or cost information during a call: > Settings > In-Call Setup > In-Call Timer
call cost Show call cost trackers: > Recent Calls > Call Cost

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

speakerphone

Activate the speakerphone during a call:

Press the **Speaker** key (if available, or > **Spkrphone On**).

features

auto answer (car kit or headset)

Automatically answer calls when connected to a car kit or headset:

> **Settings** > **Car Settings** or **Headset** > **Auto Answer**

voice dial (headset)

Enable voice dial with headset send/end key:

> **Settings** > **Headset** > **Voice Dial**

auto handsfree (car kit)

Automatically route calls to a car kit when connected:

> **Settings** > **Car Settings** > **Auto Handsfree**

data & fax calls

To connect your phone with a USB cable, see page 23.

features
send data or fax Connect your phone to the device, then place the call through the device application.
receive data or fax Connect your phone to the device, then answer the call through the device application.
talk then fax Connect your phone to the device, enter fax number, press [menu] > **Talk then Fax**, then press [send] to make the call.

network

features
network settings See network information and adjust network settings: [menu] > **Settings** > **Network**
software update Your service provider can send updated phone software over the air to your phone. When your phone receives a software update, you can choose to install it later. To install the software update later: [menu] > **Settings** > **Phone Status** > **Software Update** > **Install Now**

personal organizer

features
set alarm [≡] > Tools > Alarm Clock
turn off alarm When an alarm happens: To turn off the alarm, press the **Disable** key or [⏻]. To set an eight-minute delay, press the **Snooze** key. **Note:** The **Snooze** key is available only if the phone is already powered on when the alarm sounds.
add new datebook event [≡] > Tools > Datebook, scroll to the day, press ◆, press [≡] > New

features
see datebook event See or edit event details: [≡] > Tools > Datebook, scroll to the day, press ◆, press the **View** key
event reminder When an event reminder happens: To see reminder details, press the **View** key. To close the reminder, press the **Exit** key.
send datebook event to another device Send a datebook event to another phone, computer, or device: [≡] > Tools > Datebook, scroll to the day, press ◆, scroll to the event, press [≡] > Send
calculator [≡] > Tools > Calculator

features
currency converter
> Tools > Calculator, then press > Exchange Rate
Enter exchange rate, press the OK key, enter amount, and press > Convert Currency.

security

features
SIM PIN
Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled and your display shows SIM Blocked.
Lock or unlock the SIM card:
> Settings > Security > SIM PIN

features
lock feature
> Settings > Security > Lock Application
manage certificates
Enable or disable Internet access certificates stored on your phone:
> Settings > Security > Certificate Mgmt
Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

Note: A lock () icon next to a picture, sound, or other object means that you cannot send or copy it.

features
view, delete, or manage pictures Manage photos, pictures, and animations: > Multimedia > Pictures
view, delete, or manage video clips > Multimedia > Videos
hear, delete, or manage sounds Manage ring tones and music that you have downloaded or composed: > Multimedia > Sounds
create ring tones Create ring tones that you can use with your phone: > Multimedia > Sounds > [New iMelody]
start micro-browser Just press .

features
download objects from Web page Download a picture, sound, or other object from a Web page: Press , go to the page that links to the file, scroll to the link, and select it. **Note:** Normal airtime and/or carrier usage charges apply.
Web sessions A *Web Session* stores settings that your phone uses to access the Internet. To select or create a Web session: > Web Access > Web Sessions

features
download game or application You can download a Java™ game or application the same way you download pictures or other objects: Press [globe], go to the page that links to the file, scroll to the link, and select it. **Note:** Normal airtime and/or carrier usage charges apply.
start game or application Start a Java™ game or application: [menu] > [games] **Games & Apps**, scroll to the game or application, press the *center key* [center]

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

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

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

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.60 W/kg, and when worn on the body, as described in this user guide, is 0.38 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.25 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

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

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

`http://www.phonefacts.net`

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

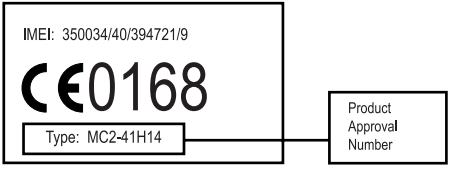
`http://www.cwta.ca`

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

European Union Directives Conformance Statement

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



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.

MOTOROLA

Important Safety and Legal Information

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.

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.

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006.

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 Web site 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.

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 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 Web site: `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

TM

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.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

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.

Caution About High Volume Usage

Listening at full volume to music or voice through a headset may damage your hearing.

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.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice To Users

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

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. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who Is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones** 1-800-331-6456 **Pagers** 1-800-548-9954 **Two-Way Radios and Messaging Devices** 1-800-353-2729
Canada	**All Products** 1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: `http://www.who.int./peh-emf`

Product Registration

Online Product Registration:

`direct.motorola.com/hellomoto/Motosupport/source/registration.asp`

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Wireless: The New Recyclable

Your wireless mobile device can be recycled. Recycling your mobile device reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their mobile devices and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a mobile device user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this mobile device up or trade it in for a new one, please remember that the mobile device, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at:

`recycling.motorola.young-america.com/index.html`

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material – special handling may apply. See `www.dtsc.ca.gov/hazardouswaste/perchlorate`."

There is no special handling required by consumers.

Smart Practices While Driving

Drive Safe, Call Smart SM

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to `www.motorola.com/callsmart` for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today. TM
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

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* Wherever wireless phone service is available.

index

A

accessories 10, 57
accessory connector port 1
active line indicator 27
active line, changing 46
alarm clock 59
alert
  set 32, 33, 35
  turn off 31, 32, 39
animation 61
answer a call 13, 38
attach a number 40, 44

B

backlight 37
battery 10, 11
  extending battery life 12
battery indicator 27
battery life, extending 17, 37, 38
Bluetooth connection
  datebook entry, sending 59
  description 16
  phonebook entries, sending 52
  restricting access 21
brightness 37
browser messages 53
browser. See micro-browser

C

cables 23
calculator 59
call
  answering 13, 38
  barring 46
  end 13
  ending 13
  forwarding 46
  making 13
  timers 56
  waiting 45
call forward indicator 27
caller ID 40, 41, 49
car kit 57
categories 50
center key 1, 32
center select key 9
certificate management 60
clock 36

codes 33, 34
color 37
conference call 46
copy files 18
costs, tracking 56

D

data call 58
data indicator 26
date, setting 36
datebook 59
dial a phone number 13, 47
dialed calls 39
display 2, 25, 37
downloaded files
  from Web pages 61
  in messages 53
drafts folder 22
DTMF tones 40, 47

E

earpiece volume 32
emergency number 41
end a call 13
end key 1, 13
Enter Unlock Code message 33
export regulations 81
external display 32

F

fax call 40, 58
fixed dial 47
flip 13, 38
forward calls 46

G

games 62
GPRS indicator 26
group mailing list 51

H

handsfree speaker 33
headset 57
headset jack 1
hearing aids 79
hold a call 45
home screen 2, 25, 55

I

in-call indicator 27
Incoming Call message 41
information services 54
international access code 45
iTAP text entry mode 29

J

Java applications 62

K

keypad 38, 54

L

language 54
light 38
linking. See Bluetooth connection
lock
  application 60
  phone 34
  SIM card 60
Low Battery message 27

M

make a call 13
master clear 56
master reset 55
menu 2, 9, 25, 54, 55
menu icons 25, 55
message 52, 53
message indicator 23, 27
message reminders 54
micro-browser 53, 61, 62
Missed Calls message 41
MMS, defined 22
MP3 sound files 36
multimedia message 22, 53
music 61
mute a call 45

N

navigation key 1, 9, 32
network settings 58
notepad 44
number. See phone number
numeric entry mode 31

O

object exchange 18
1-touch dial 43, 50
open to answer 38
optional accessory 10
optional feature 9

P

pairing. See Bluetooth connection
passwords. See codes
perchlorate label 82
personalize 54
phone number 14, 46
phonebook 40, 43, 44, 48, 50
photo 61
picture 61
picture ID 41, 49
PIN code 13, 33, 60
PIN2 code 33
power key 1, 13

Q

quick dial 47

R

received calls 39
recent calls 39
recycling 81
redial 40
reminders 54
restrict calls 46
return a call 41
ring style indicator 27
ring style, setting 32, 33, 35
ring tone 61
ringer ID 41, 49, 54
ringer volume 32, 54
roam indicator 26

S

safety information 68
safety tips 83
screen saver 37
scrolling 54
security code 33
send key 1, 13
shortcuts 55
signal strength indicator 26
SIM Blocked message 13, 60
SIM card 10, 13, 33, 53, 60
smart key 32, 33, 55
soft keys 1, 25, 55
software update 58
speakerphone 57
speed dial 44
store your number 14
symbol entry mode 31

T

tap text entry mode 30
telephone number. See phone number
text entry 28
text message 52, 53
time, setting 36
timers 56
transfer a call 46
TTY device 46
turn on/off 13

U

unlock
  application 60
  phone 13, 33, 34
  SIM card 60
unlock code 33, 34
USB cables 23

V

video clip 61
videos 21
voice dial 49, 57
voice name, recording 48
voicemail 42
voicemail message indicator 27, 42

volume 31, 54

W

wallpaper 36
warranty 75
Web pages 61
Web sessions 61
WHO information 80

Y

your phone number 14

U.S. patent Re. 34,976