MOTOROLA RAMBLER™

User's Guide

Congratulations

Thanks for purchasing the MOTOROLA RAMBLER™ wireless phone! It's an affordable phone with a sleek design that's sure to get attention.

Impressive Inside and Out. Sleek styling with all the right features, including rich imaging and multimedia. Take pictures and videos in a snap with the 1.3 megapixel camera with 4x digital zoom (see page 27).

Messaging is Easy. Your phone's full QWERTY keypad makes text entry quick and easy (see page 19). Your text message conversations look like IM exchanges (see page 24).
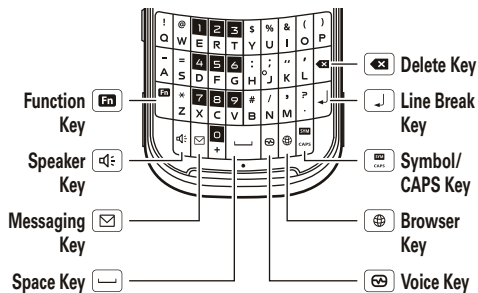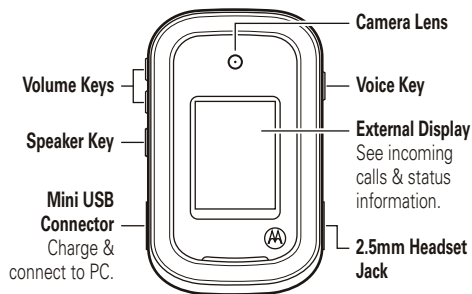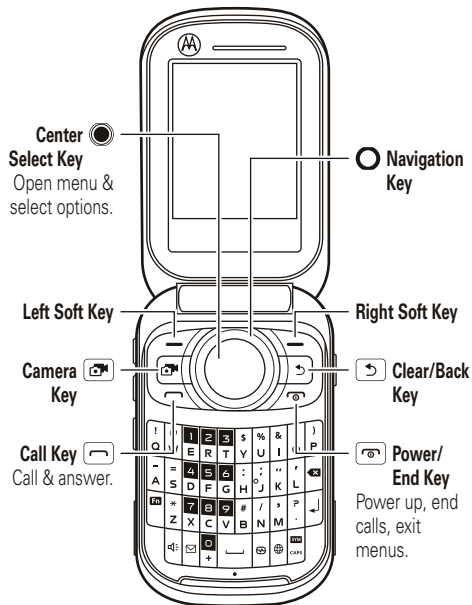
My Phone, My Way. It's your phone—make it that way. Customize your home screen with personal pictures (see page 12). Set different ringtones to identify calls from different contacts (see page 22).

Caution: Before assembling, charging or using your phone for the first time, please read "Safety, Regulatory & Legal" on page 35.

Contents

Your phone

Center ● Select Key
Open menu & select options.

Navigation ○ Key

Left Soft Key

Right Soft Key

Camera Key

Clear/Back Key

Call Key
Call & answer.

Power/ End Key
Power up, end calls, exit menus.

Camera Lens

Volume Keys

Voice Key

Speaker Key

External Display
See incoming calls & status information.

Mini USB Connector
Charge & connect to PC.

2.5mm Headset Jack

Function Key

Delete Key

Line Break Key

Speaker Key

Symbol/ CAPS Key

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Space Key

Voice Key

Menu map

Main menu

Contacts
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- Contact List
- Groups
- Speed Dial

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Multimedia
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Web

Settings
- (see **Settings menu**)

Bluetooth®

Navigation

Tools
- Voice Commands
- Datebook
- Alarm Clock
- World Clock
- Calculator
- Notepad

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

Settings menu

- **Sounds**
  - Call Ringtone
  - Message Ringtone
  - Voicemail Ringtone
  - Ring & Vibrate
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  - Service Alerts
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- **Display**
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  - Clock Format

- **Phone**
  - Airplane Mode
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  - Language
  - Location
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  - Active Line
  - Text Learning

- **Call**
  - Answer Options
  - Auto Retry
  - TTY Setup
  - One Touch Dial
  - Int'l Dialing
  - DTMF Tones
  - Hearing Aid

- **Bluetooth**
  - Add New Device

- **Storage Device**
  - Phone Memory

- **Update Phone**
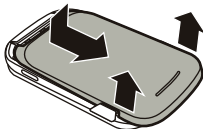 - Update Firmware
  - Update PRL
  - Update Profile

- **Phone Info**
  - My Number
  - SW/HW Version
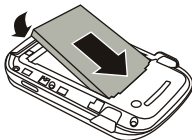 - Icon Glossary

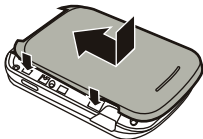- **Java Settings**

Get started

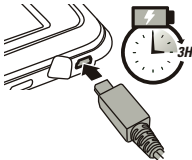## Assemble & charge

1 Cover off   **2** Battery in

3 Cover on   **4** Charge up

Caution: Please read "Battery Use & Safety" on page 35.

Basics

About this guide

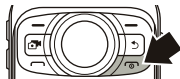This guide shows how to find a menu feature as follows:

Find it: ◉ > ◢ History > Dialed Calls

This means that, from the home screen:

1 Press the *center key* ◉ to open the menu.

2 Press the *navigation key* ○ to scroll to ◢ History, and press ◉ to select it.

3 Press ○ to scroll to Dialed Calls, and press ◉ to select it.
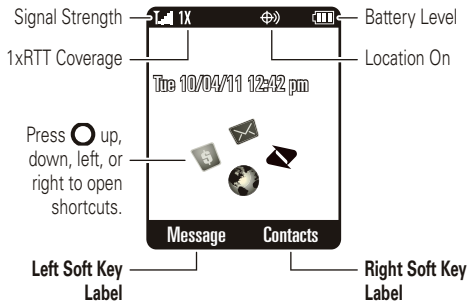
Turn it on & off

Press and hold ☎ until the display turns on or off.

Home screen

Your phone shows the *home screen* when you are not on a call or using the menu.

Signal Strength ▸ **1X** ⊕) ▪ Battery Level

1xRTT Coverage ▸ Location On

Tue 10/04/11 12:42 pm

Press ○ up, down, left, or right to open shortcuts.

Message   Contacts

Left Soft Key Label   Right Soft Key Label

Note: Your home screen may be a little different.

Soft key labels in the home screen show the current soft key functions.

Indicators at the top of your phone's display provide important status information, such as incoming calls, missed messages, and other conditions. For a description of the status indicators that can appear on your phone, press ◉ > ⚙ Settings > Phone Info > Icon Glossary > Status Bar.

External display

When you close the phone flip, the external display shows the time and date, status indicators, and notifications for incoming calls and events. For a list of status indicators, press ◉ > ⚙ Settings > Phone Info > Icon Glossary > Status Bar.
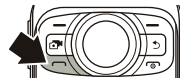
Make & answer calls

To **make a call**, enter a phone number and press ⌐.

To **answer a call** when your phone rings and/or vibrates, just open the phone flip or press ⌐.

To **hang up**, close the phone flip or press ⍉.

Adjust volume

With the phone flip open, press the volume keys up or down to:

- turn off an incoming call alert
- adjust earpiece or speakerphone volume during a call
- change sound settings

Create contacts

1 Enter a phone number in the home screen.

2 Press **Save**.

3 Scroll to **Create New Contact** and press ⬤.

4 Set the number type (**Mobile 1**, **Mobile 2**, **Home**, **Work**, or **Fax**) and press ⬤.

5 Enter a name for the phone number, and enter other information as desired. (Press **O** up or down to highlight entry areas. To select a highlighted entry area, press ⬤.)

6 Press **Save** to store the entry.

Call or text contacts

Find it: ⬤ > 🐾 Contacts > Contact List

1 Scroll to the contact.

   Shortcut: To jump to a contact, enter the first few letters of the name.

   If the contact has more than one number, scroll left or right to choose a number.

2 To **call** the contact, press ⌐.

   To **send a text message**, press **Send Msg**.

Go handsfree

To **activate the speakerphone** during a call, press and release the speaker key on the side of your phone. The phone plays an alert and shows **Speaker Phone On**.

To **turn off the speakerphone**, press the speaker key again.

The phone plays an alert and shows **Speaker Phone Off**.

Your phone shows the speakerphone indicator ☐ in the home screen when the speakerphone is on. The speakerphone stays on until you press the speaker key or turn off the phone.

Note: If you press and hold the speaker key when the phone flip is open, voice recording is activated.

Note: You can also use **headsets** or **car kits** with a 2.5 mm wired connection (page 2) or Bluetooth® wireless connection (page 33). The speakerphone won't work when your phone is connected to a handsfree headset or car kit.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

Voice commands

You can use voice commands to open applications and perform many basic phone functions.

1 With the phone flip open, press and release the voice key on the side of your phone.

Your phone says "Please say a command," and shows a list of voice commands:

Call <Name or #>, Send Msg <Name or #>, Go To <Shortcut>, Check <Item>, Contact <Name>, and Help.

2 Say a command from the list.

Tips:

- Say the names of **Contact List** entries exactly as listed. For example, to call the mobile number for an entry named Bill Smith, say "Call Bill Smith mobile."
- Speak numbers at a normal speed and volume. Avoid pausing between digits.

To **change** voice command settings, press and release the voice key, press **Settings**, and select the setting.

To **learn more** about voice commands or voice recognition settings, scroll to the command or setting and press **Info**.

Lock & unlock phone

You can lock your phone to keep others from using it. You'll need to enter your four-digit lock code (see page 9) to lock or unlock your phone.

To **manually lock** your phone:

Find it: ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code and press **Done**.

2 Scroll to **Lock Phone Now** and press ◉.

To **automatically lock** your phone whenever you turn it off:

Find it: ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code and press **Done**.

2 Scroll to **Phone Lock Setting** and press ◉.

3 Scroll to **On Power Up** and press ◉.

To **unlock** your phone:

When you see **Enter Lock Code**, enter your four-digit lock code and press **Done**.

Note: You can make emergency calls on your phone even when it is locked (see page 17).

Note: A locked phone still rings or vibrates for incoming calls or messages, but you have to unlock it to answer.

Lock keypad

You can lock the phone's keypad to prevent accidental key presses.

To **manually lock** the keypad:

With the phone flip open, press and hold $\boxed{*}$ from the home screen. The phone shows
Phone Keypad is now Locked. To unlock the keypad, press Unlock (right soft key) > Yes.

To **automatically lock** the keypad after a period of inactivity:

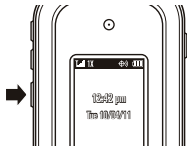**Find it:** ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code and press Done.
2 Scroll to Keypad Lock Setting and press ◉.
3 Scroll to Timed and press ◉.
4 Scroll to 2 Seconds, 4 Seconds, or 8 Seconds, and press ◉.

The keypad is locked when the home screen is showing and no keys are pressed for the period of time you selected. To unlock the keypad, enter your four-digit lock code in the Enter Lock Code text field and press Done.

Lock side keys

To **lock** the side keys when the phone flip is closed, press and hold the speaker key on the side of your phone until you see Phone Keypad is now Locked.

To **unlock** the side keys, press and hold the speaker key again until you see Keypad Unlocked.

The side keys are unlocked automatically when you open the phone flip.

Note: When the side keys are locked, you can still use the volume keys to dismiss an incoming call.

Lock applications

You can lock these applications on your phone: Calls, Messages, Location, and Browser.

Find it: ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code and press Done.
2 Scroll to Restrictions and press ◉.
3 Scroll to the application and press ◉.

Lock code & security code

Your phone's four-digit **lock code** is originally set to 1234 or to the last four digits of your phone number. The six-digit **security code** is originally set to 000000. Your service provider may change these codes before you get your phone.

If your service provider didn't change the lock code, you should change it to prevent unauthorized use of your phone:

Find it: ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code and press **Done**.

2 Scroll to **Edit Lock Code** and press ◉.

3 Enter the new lock code in both text fields and press **Done**.

If you forget your security code, contact your service provider.

Manage memory

Multimedia content such as pictures, videos, and sounds are stored in your phone's internal memory.

To **see** how much memory space is available for use on your phone:

Find it: ◉ > ⚙ Settings > Storage Device > Phone Memory > Phone Memory Usage

To **delete** pictures, videos, and/or sound files from your phone to free up additional phone memory:

Find it: ◉ > ⚙ Settings > Storage Device > Phone Memory

1 Scroll to My Pictures, My Videos, or My Sounds, and press ◉. If necessary, scroll to the name of a folder and press ◉.

2 To **delete one file**, scroll to the file and press **Options** > **Delete**.

To **delete multiple files**, press **Options** > **Delete Multiple**. Scroll to each file you want to delete and press ◉ to mark it, then press **Done**.

Note: You can't delete files that were preloaded on your phone.

3 When prompted to confirm the deletion, scroll to **Yes** and press ◉.

Use TTY device with phone

Note: Network/Service dependent.

Note: A teletypewriter (TTY) is a communication device used by people who are hard of hearing or have a speech impairment. TTY does not work from mobile phone to mobile phone.

You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device

into the phone's headset jack (see page 2) and set the phone to operate in one of three TTY modes.

Use a TSB-121 compliant cable (provided by the TTY device manufacturer) to connect the TTY device to the phone.

Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize errors.

For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the device may cause high error rates.

When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected.

Find it: ◉ > ⚙ Settings > Call > TTY Setup

Scroll to one of these options and press ◉.

option	
Voice	Set to standard voice mode.
TTY	Transmit and receive TTY characters.
VCO	Receive TTY characters but transmit by speaking into phone microphone.

option	
HCO	Transmit TTY characters but receive by listening to phone earpiece.

When your phone is in TTY mode, during an active call your phone displays the international TTY mode, the international TTY symbol, and the mode setting.

Airplane mode

Use *airplane mode* to turn off your phone's calling features in locations where wireless phone use is prohibited. **You cannot make or receive calls or use Bluetooth® wireless connections in airplane mode**, but you can use your phone's other non-calling features.

Note: Consult airline staff before you use airplane mode in flight. Turn off your phone whenever instructed to do so by airline staff.

Find it: ◉ > ⚙ Settings > Phone > Airplane Mode > On or Off

See your phone number

Find it: ◉ > ⚙ Settings > Phone Info > My Number

Your phone number is listed at the top of the screen.

Tip: Want to see your phone number while you're on a call? Press Options > Phone Info > My Number.

Tips & tricks

You can use these shortcuts from the home screen:

to...	
redial a number	Press $\boxed{\frown}$, scroll to the number you want to call, press $\boxed{\frown}$ again.
set ring volume	Press the volume keys up or down to select a master volume setting (see page 12).
set phone to vibrate	Press the volume keys up or down to select Vibrate Only.
lock/unlock keypad	To lock the keypad, press and hold $\boxed{*}$. To unlock the keypad, press **Unlock** (right soft key) > **Yes**.
record a sound	Press and hold the speaker key (see page 2).
take photos	Press $\boxed{\square}$.
turn speakerphone on and off	Press the speaker key (see page 6).

Personalize

Home screen shortcuts

From the home screen, you can press $\bigcirc$ up, down, left, or right to go directly to your favorite features.

To **change** the home screen shortcuts:

Find it: $\bigcirc$ > $\clubsuit$ Settings > Phone > Shortcuts

Select a direction, then choose the feature you want to open when you press $\bigcirc$ in that direction.

To **show or hide** shortcut icons in the home screen:

Find it: $\bigcirc$ > $\clubsuit$ Settings > Phone > Shortcuts > Show Shortcuts > Show or Hide

Note: You can press $\bigcirc$ to select the features in the home screen even when the icons are hidden.

Ringtones

You can select ringtones for incoming calls and other events (like new messages), and set the master volume for all ringtones.

Set call ringtones

Find it: $\bigcirc$ > $\clubsuit$ Settings > Sounds > Call Ringtone

To **set one** ringtone for incoming calls:

1 Scroll to **Single Tone** and press $\bigcirc$.

2 Scroll to the ringtone you want and press $\bigcirc$.

3 Press [phone] to return to the home screen.

To **select multiple** downloaded ringtones that will play randomly for incoming calls:

1 Scroll to Shuffle Multiple and press ⦿.

2 Press ⦿ to acknowledge the Shuffle Multiple message.

3 Scroll to each ringtone you want and press ⦿. When you're finished, press Done.

4 Press [phone] to return to the home screen.

Note: Shuffle Multiple does not affect contacts with assigned ringer IDs.

Note: Shuffle Multiple works only with downloaded ringtones, and depletes your battery's charge more quickly than Single Tone.

Set message ringtones

Set ringtones for incoming text, multimedia, or voicemail messages.

Find it: ⦿ > ⚙ Settings > Sounds > Message Ringtone or Voicemail Ringtone

1 Scroll to the ringtone you want and press ⦿.

2 Press [phone] to return to the home screen.

Buy ringtones

Find it: ⦿ > ⚙ Settings > Sounds > Call Ringtone > Single Tone > Buy Ringtone

Your phone connects to the ringtone collections Web site. Follow the prompts to browse ringtone lists and to buy and download a ringtone.

Note: Normal airtime and/or carrier usage charges apply.

Set master volume

From the home screen, press the volume keys up or down to scroll to a master volume setting, then press Done to select it. You can choose from these settings:

High, Med High, Medium, Med Low, Low—Phone rings for incoming calls and other events, depending on the detail settings.

1 Beep—Phone beeps once to indicate an incoming call.

Vibrate Only—Phone vibrates to indicate an incoming call.

Alarm Only—Phone plays an audible alarm to alert you to events. You can't change detail settings for events.

All sounds off—Phone does not alert you to incoming calls and events.

Wallpaper

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

Find it: ● > ⚙ Settings > Display > Wallpaper
> Main Screen or Front Screen

To **set one** wallpaper image:

1 Scroll to Single and press ●.

2 Scroll to the picture you want and press ●.

3 Press ☎ to return to the home screen.

To **select multiple** downloaded or captured pictures
that will show randomly as wallpaper images:

1 Scroll to Shuffle Multiple and press ●.

2 Press ● to acknowledge the Shuffle Multiple message.

3 Scroll to each picture you want and press ●. When
you're finished, press Done.

4 Press ☎ to return to the home screen.

Note: Shuffle Multiple works only with downloaded or
captured pictures.

Skins

Set the overall look and feel of your phone's display.

Find it: ● > ⚙ Settings > Display > Skins

1 Scroll to the skin you want and press ●.

2 Press ☎ to return to the home screen.

Phone speech

Set your phone to recite phone numbers you type,
incoming caller IDs (when available), and/or entries on
the contacts or recent call lists.

Find it: ● > ⚙ Settings > Sounds > Voice Readout

Key volumes

To **set the volume** of tones that play when you press
keypad keys:

Find it: ● > ⚙ Settings > Sounds > Keypad Volume

To **turn on/off** tones that play when you press the
side keys:

Find it: ● > ⚙ Settings > Sounds > Volume Sidekeys
> On or Off

Alert reminders

Set how frequently your phone plays message alert
reminders.

Find it: ● > ⚙ Settings > Sounds > Alert Reminders

Select Once, Every 2 Minutes, Every 15 Minutes, or Off.

Ring & vibrate

Set your phone to ring and vibrate when you receive an incoming call or message.

Note: Your phone's master volume must be set to High, Med High, Medium, Med Low, or Low (see page 12).

Find it: ◉ > ⚙ Settings > Sounds > Ring & Vibrate > On or Off

Answer options

You can use different methods to answer an incoming call.

Find it: ◉ > ⚙ Settings > Call > Answer Options

options	
Flip Open	Answer by opening the phone flip.
Any Key	Answer by pressing any key.
Send Only	Answer only by pressing ⌐.
Auto Answer with Handsfree	Automatically answer calls when the phone is connected to a handsfree device such as a headset or car kit.

Backlight

Note: Network/Service dependent.

Set the amount of time that the display and keypad backlights stay on.

Find it: ◉ > ⚙ Settings > Display > Backlight

Brightness

Find it: ◉ > ⚙ Settings > Display > Brightness

Banner

Set a heading to display near the top of the home screen.

Find it: ◉ > ⚙ Settings > Display > Banner

Menu language

Find it: ◉ > ⚙ Settings > Phone > Language

Clock format

Find it: ◉ > ⚙ Settings > Display > Clock Format

1 Scroll to Inside Clock (main screen) or Outside Clock (external display) and press ◉.

2 Scroll to Digital 12 for a 12-hour clock, Digital 24 for a 24-hour clock, Analog for a dial clock, or Off for no clock, and press ◉.

Reset phone settings

Reset default settings for all options except lock code, security code, and lifetime timer.

Find it: ◉ > ⚙ Settings > Phone > Security

1 When prompted, enter the four-digit lock code (see page 9) and press **Done**.

2 Scroll to **Restore Phone** and press ◉.

3 Confirm that you want to reset the phone by scrolling to **Yes** and pressing ◉.

4 When prompted, enter the four-digit lock code (see page 9) and press **Done**.

The screen does not change while the phone resets all options. After a few seconds, the phone turns off and then turns back on.

Calls

Redial

From the home screen, press ⌐ to go to the **All Calls** list. Scroll to a number, and press ⌐ to call it. Press ◉ to view call details.

Note: The **All Calls** list includes numbers that were busy when you dialed.

Redial automatically

Note: Network/Service dependent.

When you make a call and hear a busy signal, your phone shows **Call Failed, Number Busy**.

You can set your phone to automatically redial busy numbers for four minutes. When the call connects, your phone rings or vibrates once, shows **Redial Successful**, and completes the call.

Find it: ◉ > ⚙ Settings > Call > Auto Retry > On or Off

When auto retry is turned off, you can manually activate the feature to redial a busy number. When you hear a fast busy signal and see **Call Failed**, press ⌐ or **RETRY**.

Turn off a call alert

To turn off the ringer for an incoming call, press the volume keys on the side of your phone.

Recent calls

Your phone keeps lists of received and dialed calls, even for calls that didn't connect.

Find it: ◉ > 📳 History

Shortcut: From the home screen, press ⌐ to go to the All Calls list.

1 Scroll to Received Calls, Missed Calls, Dialed Calls, or All Calls, and press ◉.

2 Scroll to a number.

Indicators show if the call was received 🕩, dialed 🕪, or missed 🕩.

- To **call** the number, press ⌐.
- To **check** if your caller left a voicemail message, see page 26.
- To **see** call details (like time and date), press ◉.
- To **send a message** to the number, press Send Msg.
- Press Options to perform other operations on the number (save to contacts, lock, go to conversations, delete).

Return missed calls

When you miss a call, your phone shows [Number] Missed Calls and the missed call indicator 🕩.

To **return** the missed call, select View Now, scroll to the number, and press ⌐ to call it.

To **cancel** the missed calls message, select View Later.

Speed dial

Note: Speed dial number 1 is already assigned to your voicemail number.

To **assign** a speed dial number to a contact:

Find it: ◉ > 🐾 Contacts > Speed Dial

1 Scroll to an unassigned speed dial location entry and press Set.

2 Scroll to the contact and press ◉.

3 Select Yes to confirm your selection.

As you scroll through contacts, speed dial numbers are identified by the speed dial indicator ⚡.

To **activate** speed dialing, press ◉ > 🔧 Settings > Call > One Touch Dial > On:

To **call speed dial number 1 through 9:** Press and hold the single-digit speed dial number (key ⌐1⌐ through ⌐9⌐) for one second.

To **call a double-digit speed dial number:** When you enter the speed dial number, press and hold the second digit. For example, to call speed dial number 23, press ⌐2⌐, then press and hold ⌐3⌐.

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Note: Your mobile device can use GPS and AGPS signals to help emergency services find you. See "GPS & AGPS" on page 37.

1 Enter the emergency number.

2 Press 🔲 to call the emergency number.

Important: Always report your location to the emergency operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

Attach number

While dialing (with digits visible on the display), press **Options**, then scroll to and select **Attach Number** to attach a number from the contacts or recent call lists.

Insert special characters

Note: Network/Service dependent.

While dialing (with digits visible on the display), press **Options** and select one of these options:

- **Insert Pause (p)**—Your phone pauses for two seconds before it dials the next digit(s).
- **Insert Wait (w)**—Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).

International calls

Note: Network/Service dependent.

If your phone service includes international dialing, you can set your phone to automatically insert your international access code:

Find it: ◉ > ⚙ Settings > Call > Int'l Dialing > Automatic

To **make an international call:** Press and hold ⓪ to automatically insert your local international access code (indicated by +).Then, number keys to dial the country code and phone number.

Hearing aid

Note: Your phone has a hearing aid rating of M4/T4. For more information, see "Hearing Aid Compatibility with Mobile Phones" on page 43.

To set your phone for hearing aid compatibility:

Find it: ⬤ > ⚙ Settings > Call > Hearing Aid > On or Off

In-call options

During an active call, you can press **Mute** to mute the phone, or press **Options** to look up contacts, set up a Bluetooth® connection, and more.

When your phone is connected to a Bluetooth device during a call, you may see additional Bluetooth options. When your phone is set to a TTY mode, you may see a TTY setup option.

More calling features

features
3-way calling
Note: Network/Service dependent.
During a call, dial the next number and press ⌐, then press ⌐ again.
minute beep
Note: Network/Service dependent.
Set your phone to beep every minute during a call:
⬤ > ⚙ Settings > Sounds > Service Alerts > Minute Beep

features
DTMF Tones
Your phone can send **Short** or **Long** *Dual Tone Multi Frequency* (DTMF) tones for calling card calls or other automated touch-tone calls.
To set up DTMF tones:
⬤ > ⚙ Settings > Call > DTMF Tones
view and reset call timers
Note: Network/Service dependent.
Note: Call timers give you a rough idea of how much call time you've used. These figures may not match the time charged by your service provider, as they're not measured in the same way.
⬤ > ⬙ History > Timers
Scroll to and view the times for **Last Call**, **All Calls**, **Received Calls**, **Dialed Calls**, **Roaming Calls**, **Transmitted Data**, **Received Data**, **Total Data**, **Last Reset**, **Lifetime Calls**, or **Lifetime Data Counter**.
To reset an individual timer, scroll to the timer and press **Reset**. When prompted, select **Yes** to confirm.
To reset all timers, press **Reset All**. When prompted, select **Yes** to confirm.

Text entry

Some features require you to enter names, numbers, and other text, such as when you add a contact to your contact list or when you write and send a message. Your phone's full QWERTY keypad makes text entry quick and easy.

An indicator at the top right of the text entry screen shows the current entry mode.

Cursor shows where you are typing

Entry Mode Indicator

Press ◯ up & down to move between text entry areas.
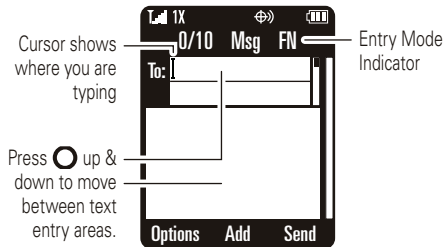
iTAP® & QWERTY modes

To set your preferred text entry mode, press **Options** > **Entry Mode**, then select one of these modes:

entry modes	
iTAP English	Let the phone predict each English word as you press keys.
iTAP Spanish	Let the phone predict each Spanish word as you press keys.
QWERTY	Enter letters, numbers, and symbols, with the first character of a sentence in uppercase.

iTAP software provides a predictive text entry method that combines your key presses into common words.

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**, you might see:

Press **O** right to accept **program**. Enter a space to keep only **prog**.

```
 .ıl 1X          ⊕⟩)       ▥
 17/160    Msg    iTAPen
 To: ▤ Alvin Miller          ▐
                             ▐

 This is a program



 Options    Insert     Send
```
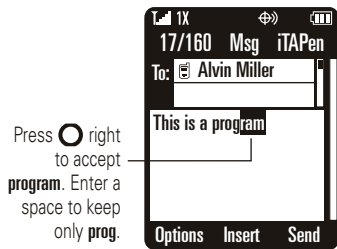
- Press **O** right to enter the highlighted combination when it spells a word. A space is automatically inserted after the word.
- Press **O** up or down to view other possible combinations, and select the one you want.
- If you want a different word (such as **progress**), continue pressing keys to enter the remaining letters.

If you enter a word your phone doesn't recognize, the phone stores the word to use as a future word option. When you run out of phone memory for unrecognized words, your phone deletes the oldest word to add new words.

Number & symbol modes

To enter the numbers and symbols at the top of the keys, press the Function key [Fn] repeatedly and watch the entry mode indicator to choose **fn** (enters one symbol then returns to text) or **FN** (enters only symbols until you press [Fn] again).

To open a symbol list, press [Fn] followed by the Symbol key [≡]. Scroll to a symbol and press ◉, or press the number in the list.

Note: When you enter a phone number from the home screen, your phone automatically uses **FN** mode for keys with numbers and for the ⟨✱⟩ and ⟨#⟩ keys.

Special keys

Delete Key
Delete character to left of cursor.

Line Break Key
Start a new line of text.
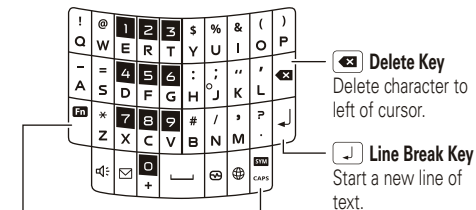
Function Key
Press **once** to enter upper character on next key pressed. Press **twice** to enter upper characters until you press 🔳 again.

Symbol/ CAPS Key
Change capitalization. Cycles through **next** letter capitalized/ **all** capitals/**no** capitals.

Capital letters

To enter capital letters:

QWERTY mode—Press the CAPS key 🔳 repeatedly and watch the entry mode indicator to choose **Abc** (next letter capital), **ABC** (all capitals), or **abc** (no capitals).

iTAP English mode—Press the CAPS key 🔳 repeatedly to choose **iTAPEn** (next letter capital), **iTAPEN** (all capitals), or **iTAPen** (no capitals).

iTAP Spanish mode—Press the CAPS key 🔳 repeatedly to choose **iTAPEs** (next letter capital), **iTAPES** (all capitals), or **iTAPes** (no capitals).

Contacts

Create contacts

Find it: ● > 🐾 Contacts > New

Type the name, phone number(s) and/or email address, and other information. When finished, press Save.

View contacts

Find it: ● > 🐾 Contacts > Contact List

To view details for a contact, scroll to the contact and press ●.

For other options, scroll to the contact and press Options.

Call contacts

Find it: ● > 🐾 Contacts > Contact List

Scroll to the contact you want to call. If the contact has more than one number, scroll left or right to choose a number. To call the number, press 📞.

Change contacts

To edit or delete a contact:

Find it: ● > 🐾 Contacts > Contact List

Scroll to the contact and press Options, then scroll to the option you want and press ●.

Ringer IDs

Assign a distinctive ringtone to play when you receive a call from a contact.

Find it: ● > 🐾 Contacts > Contact List

1 Scroll to the contact and press Options > Edit Contact.

2 Scroll to Call Ringer ID and press ●.

3 Scroll to the ringtone you want.

   Note: As you scroll through ringtones, your phone plays a sample of each ringtone you highlight.

4 Press ● to select the highlighted ringtone, then press Save.

Picture IDs

Assign a photo or picture to show when you receive a call from a contact.

Find it: ● > 🐾 Contacts > Contact List

1 Scroll to the contact and press Options > Edit Contact.

2 Scroll to Picture and press ●.

3 To **use a stored photo**, scroll left or right to the picture you want, press ● to select it, then press Save.

To **take a new photo**, press Options and select Take New Picture (see page 27).

Set a contact's default number

Set the primary number for a contact with multiple numbers. This will be the number your phone shows when listing contacts.

Find it: ● > 👥 Contacts > Contact List

1 Scroll to the contact and press Options > Edit Contact.

2 Scroll to the number to be set as the default number and press Options, then select Set as Default.

3 Select Yes to confirm the default number, then press Save.

Sort contacts

Set whether contacts are listed in alphabetical order by first or last name:

Find it: ● > 👥 Contacts > Contact List

1 Press Options > Sort Name.

2 Scroll to First Name or Last Name and press ●.

Groups

To send a text message to many people at once, you can create a group of contacts. When you enter a group's name as the message recipient, the message is sent to all members of the group.

Your Contacts comes with several groups already created, and you can create your own groups.

To **add contacts** to a group:

Find it: ● > 👥 Contacts > Groups

1 Scroll to the group name and press Options > Add Contacts.

2 Scroll to each contact you want to add and press ●.

A check mark appears in the box beside a contact when you select it. To deselect a contact, scroll to the contact and press ● to remove the check mark.

3 When you finish selecting contacts, press Done to save your selections.

To **create a new group**:

Find it: ● > 👥 Contacts > Groups

1 Press New.

2 Enter the new group name and press Save.

Tip: ICE—In Case of Emergency. To make it easier for emergency personnel to identify your important contacts, you can list your local emergency contacts under **ICE** in your phone's contacts list. For example, if your mother is your primary emergency contact, list her as **ICE-Mom** in your contacts list. To list more than one emergency contact, use **ICE1–____**, **ICE2–____**, etc.

Messaging

Send messages

Note: Network/Service dependent.

A multimedia message (MMS) contains embedded media objects such as photos, pictures, animations, sounds, and voice records. You can also insert a vcard for a contact or a calendar event. You can send a multimedia message to other wireless phones with multimedia messaging capabilities, and to email addresses.

Find it: ◉ > ✉ Messaging > Create Message

1 Enter a phone number or email address.

   Alternatively, press ◉ to select Add. On the Add Recipients screen, select Contacts, Recent Calls, or Categories. Press ◉ to mark each entry you want to include as a message recipient, and press Done when finished.

   Tip: Skip the menus! While entering a number from the home screen, press Options, then scroll to Send Message and press ◉.

2 Scroll down to the text entry area and enter message text.

3 To insert a **prewritten message**, press ◉ to select Insert, then scroll to Quick Text and press ◉. Scroll to the quick text you want.

To insert a **sound**, press $\bullet$ to select Insert, then scroll to Audio and press $\bullet$. Scroll to the sound you want.

To insert a stored **picture or video**, press $\bullet$ to select Insert, then scroll to Pictures or Video and press $\bullet$. Scroll to the picture or video you want.

To insert a **vcard** for a contact, press $\bullet$ to select Insert, then scroll to Contact Info and press $\bullet$. Scroll to the entry you want.

To insert an **event** from your phone's datebook, press $\bullet$ to select Insert, then scroll to Datebook Event and press $\bullet$. Scroll to the event you want.

4 Press Options to view and select these options: Entry Mode, Save to Drafts, Insert Subject, Insert Object, Priority, Cancel Message.

5 Press Send to send the message.

Note: The options you see depend on the type of message you are sending and the type of object you insert into the message.

Receive messages

Note: Network/Service dependent.

When you receive a message, your phone shows New Message and the new message indicator $\boxtimes$.

Open the phone flip and select View Now to read the message immediately, or select View Later to save it in your Inbox for viewing later.

To **read** messages in your message inbox:

Find it: $\bullet$ > $\boxtimes$ Messaging > Inbox

1 Scroll to the message you want to read.

2 Press $\bullet$ to open the message. Your phone displays the media object, then the message.

3 To **respond** to the message, press Reply.

Alternatively, you can press Options to Reply with Copy, Forward, Lock/Unlock, and more.

Note: The options you see depend on the type of message you receive and whether the message contains multimedia objects.

4 Press $\boxed{5}$ to return to the message Inbox.

Multimedia messages can contain different media objects:

- Photos, pictures, and animations are displayed when you read the message.

- A sound file begins playing when the message text is displayed. Use the volume keys to adjust the volume.

- If the message includes an attached file, select the file indicator or filename and press **VIEW** (for an image file), **PLAY** (for a sound file), or **OPEN** (for an object such as a **Contacts** or calendar entry or an unknown file type).

Voicemail

Note: Network/Service dependent.

Note: Your network stores the voicemail messages you receive.

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

To **check** voicemail messages:

Find it: ⬤ > ✉ Messaging > Voicemail

Shortcut: From the home screen, press and hold `1` to listen to your voicemail messages.

More messaging features

Note: Network/Service dependent.

features
create quick text
Enter and store **Quick Text** (prewritten) messages that you can select and send later.
⬤ > ✉ Messaging, press **Options** > **Quick Text**, press **Options**> **New**.
send quick text
⬤ > ✉ Messaging, press **Options** > **Quick Text**, scroll to the quick text message and press **Send**.
set up messaging
⬤ > ✉ Messaging, press **Options** and select **Auto Cleanup**, **Callback #**, **Signature**, **Auto Receive**, or **Message Center Shortcut View**
read a sent message
⬤ > ✉ Messaging > **Outbox** > *message*
Press **Options** to perform various operations on the message (resend, forward, lock, save to contacts, delete).

features

delete messages

Delete all messages, or messages from individual folders.

⬤ > ✉ Messaging, press Options > Delete, then select Inbox, Drafts, Outbox, or All.

To delete all messages automatically, press Options > Auto Cleanup.

drafts

⬤ > ✉ Messaging > Drafts

To complete and send a draft message, scroll to the message and press ⬤.

Press Options to perform various operations on the message (send, edit, lock, delete).

store message objects

Highlight an object in a message, press Options > Save Object.

Photos & videos

Take photos

Tip: To get the sharpest photos, wipe the lens clean with a dry cloth before you take a photo.

With the phone flip open:

1 Press the camera/camcorder key 🎥 to activate the camera.

Tip: You can also activate the camera by pressing ⬤ > 🎬 Multimedia > Camera.

Your phone shows the active camera viewfinder screen:

Camera Mode

Press ○ right/ left to zoom in/out.

Select camera options.

Resolution

Shots Remaining

Press ⬤ to take photo.
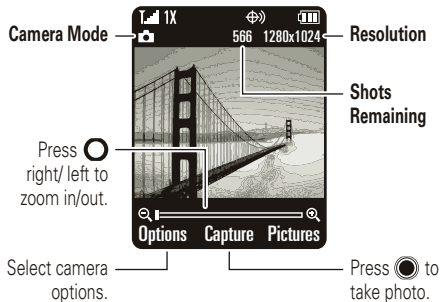
Tip: Press the camera/camcorder key 📷 to toggle between the camera and camcorder.

2 Point the camera lens at the subject.

Press ⭕ right and left to zoom in and out.

Press **Options** to select **Resolution**, **Self Timer**, **Add Picture Frame**, and more.

Note: Network/Service dependent.

3 Press ◉ (Capture) to take the photo.

4 To **send** the photo in a message, press **Send**.

To **save** the photo, press ◉ (Save).

To **delete** the photo and return to the active camera viewfinder, press **Delete**.

5 Press 📞 to return to the home screen.

View photos

Find it: ◉ > 📷 Multimedia > Pictures

1 Scroll left and right to view pictures.

Press **Options** to **Send**, **Set As**, **Take New Picture**, and more.

Press **Edit** to access editing tools that you can use to modify the selected picture.

If you see **Slideshow** at the bottom middle of the screen, press ◉ to see a "slideshow" presentation of all pictures, shown in sequence. Press ◉ to pause the slideshow. Press **Settings** to modify

slideshow settings. Press 🔙 to end the slideshow and return to the picture viewer screen.

If you see **Ok** at the bottom middle of the screen and the message **Buy Wallpaper**, press ◉ to purchase and download pictures.

2 Press 🔙 to return to the **Multimedia** menu.

Record videos

1 Press and hold the camera/camcorder key 📷 to activate the camcorder.

Tip: You can also activate the camcorder by pressing ◉ > 📷 Multimedia > Camcorder.

Your phone shows the active camcorder viewfinder screen:

Camcorder Mode — REC 00:00:00

Resolution — 176x144

Recording Time

Press $\bigcirc$ right/left to zoom in/out.

Select camcorder options. — Options Rec Videos — Press $\textcircled{}$ to record video.

Tip: Press the camera/camcorder key $\boxed{\text{C}}$ to toggle between the camera and camcorder.

2 Point the camera lens at the subject.

Press $\bigcirc$ right and left to zoom in and out.

Press **Options** to select Video Length, Self Timer, Brightness, and more.

3 Press $\textcircled{}$ (**Rec**) to begin video recording.

4 Press $\textcircled{}$ (**Stop**) to stop video recording.

5 To **send** the video in a message, press **Send**.

Note: Network/Service dependent.

To **save** the video, press $\textcircled{}$ (**Save**).

To **delete** the video and return to the active camcorder viewfinder, press **Delete**.

6 Press $\boxed{\text{O}}$ to return to the home screen.

Play videos

To play videos that you have recorded or received in multimedia messages:

Find it: $\textcircled{} > $ Multimedia > Videos

Your phone shows the video playback screen:

Elapsed Time

Volume Level

Select video options.

Video Length

Mute video sound.

Press ⬤ to pause/play the video.
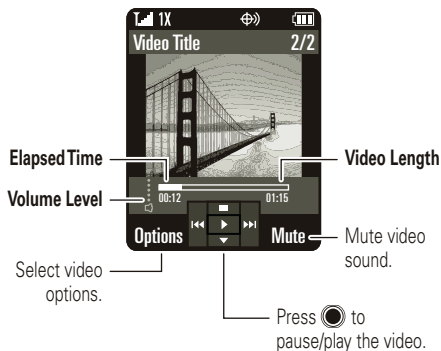
1 Scroll left or right to highlight a video.

Press **Options** to select **Send**, **Rename**, **Move**, and more.

Note: Your phone's options may vary. Most options apply only to user-recorded videos and are not available for pre-installed videos.

2 Press ⬤ to play a highlighted video.

Use these keys to control video playback:

video playback controls	
pause/play	Press ⬤.
fast forward	Press & hold ⭕ right.
next video	Press ⭕ right.
rewind	Press & hold ⭕ left.
previous video	Within first two seconds of video playback, press ⭕ left.
restart video	After first two seconds of video playback, press ⭕ left.
switch portrait & landscape	Press ⭕ down.

During video playback, press **Options** to view and select these options: **Extract Current Frame**, **Videos**, **File Info**.

3 When the video is finished playing, press ⤺ to return to the playback screen.

Browser

Note: Network/Service dependent.

Note: To use the browser, you must have data service activated for your account (additional fees may apply for this service).

Use your phone's browser to surf your favorite Web sites, upload videos to a video blog, and download files and applications to your phone. Log onto your internet-based email account to check your email.

Find it: ● > 🌐 Web

to..	
select a highlighted link	Press ● or Select.
go to a Web page	Press Options > Go to URL, enter the Web address (URL), then press OK.
bookmark a Web page	Press Options > Mark this page.
	To **open** a bookmark, press Options > View Bookmarks > bookmark.
enter text	Highlight a text entry field and press ● to open it.

Tools

Sounds

You can record voice notes and sounds.

Record a sound

1 Press and hold the speaker key on the side of your phone (see page 2).

Tip: You can also press ● > 🎵 Multimedia > Ringtones & Sounds > My Sounds > Record New.

2 Press ● (Start) to begin recording.

3 Press ● again to stop recording.

Play a sound

Find it: ● > 🎵 Multimedia > Ringtones & Sounds > My Sounds

Scroll to the sound title and press ● to play it.

Press Options to perform other operations on the sound file, such as Send, Rename, Lock, Delete, and more.

Other tools

features
set datebook view ◉ > ✕ Tools > Datebook, press Options > Monthly View or Weekly View.
add datebook event ◉ > ✕ Tools > Datebook, scroll to the desired day and press Add, enter event information and press Done.
view datebook event ◉ > ✕ Tools > Datebook > *event*. To edit the event, press Edit.
event reminder When your phone shows an event reminder: To see reminder details, press View. To close the reminder, press Exit.
set alarm ◉ > ✕ Tools > Alarm Clock Select **Alarm 1, Alarm 2,** or **Alarm 3,** then turn on the alarm, specify the alarm time, recurrence, and alert type.

features
turn off alarm When your phone shows/sounds an alarm: Press **Off** or ⬛.
calculator ◉ > ✕ Tools > Calculator
view world clock To see the current time in cities around the world: ◉ > ✕ Tools > World Clock Scroll left or right to see the time in a desired city. Alternatively, press **Cities,** then scroll to a city and press ◉. To set Daylight Savings Time for a city, press **Set DST.**
notepad ◉ > ✕ Tools > Notepad Your phone shows a list of notes you've saved. To view the contents of a note, scroll to it and press ◉. To create a new note, press **New.**

Network

Note: Network/Service dependent.

features
call connect tones
Set phone to play a tone when a call connects:
◉ > ⚙ Settings > Sounds > Service Alerts > Call Connect
call drop tone
Set phone to play an alert tone whenever the network drops a call. (Because digital networks are so quiet, a call drop alert may be your only indication that a call was dropped.)
◉ > ⚙ Settings > Sounds > Service Alerts > Voice Call Drop

Bluetooth® connections

Note: Network/Service dependent.

Turn Bluetooth power on or off

Find it: ◉ > 🔵 Bluetooth, press Turn On or Turn Off

When Bluetooth power is on, the Bluetooth indicator ∦ appears in the home screen.

Note: To extend battery life, turn off Bluetooth power when not in use.

Connect new devices

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see page 34.

1 Make sure the Bluetooth device you are pairing with is in *discoverable* mode (see device instructions).

2 Press ◉ > 🔵 Bluetooth > Add New Device.

Note: If Bluetooth power is not turned on, your phone will ask if you want to Turn Bluetooth on? Select Yes.

3 Press OK to search for available Bluetooth devices.

4 Your phone lists the devices it finds within range. Scroll to the device and press ◉.

5 If necessary, enter the device PIN (such as 0000) and press Done.

Tip: For specific information about a device, check the instructions that came with it. For more Bluetooth support, go to **www.motorola.com/Bluetoothsupport**.

For maximum Bluetooth security, always connect Bluetooth devices in a safe, private environment.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

Reconnect devices

To **automatically reconnect** your phone with a paired device, simply turn on the device when it is near the phone. If the device doesn't connect, turn it off and back on, and make sure your phone's Bluetooth power is on.

To **manually reconnect** your phone with a paired device, press ◉ > ✦ **Bluetooth** and select the device name.

Disconnect devices

To **automatically disconnect** your phone from a paired device, simply turn off the device.

To **manually disconnect** your phone from a paired device, press ◉ > ✦ **Bluetooth** and select the device name. When the phone asks if you want to **Disconnect From [Device]**, select **Yes**.

Service & repairs

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

Go to www.motorola.com/repairs, 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).

Safety, Regulatory & Legal

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage.
Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts
- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.*

DOs
- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

* Note: If the product guide expressly states that your **phone** is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do **not** exceed the stated limits, and ensure the stated precautions are taken. Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:
- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

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

Battery Charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate (IEEE)

Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not 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 for the safety of all persons, regardless of age or health, and to account for any variations in measurements.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device 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 mobile device 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) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.29 W/kg, and when worn on the body, as described in this guide, is 0.64 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they 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 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

Software Copyright Notice

Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

Navigation

Motorola strives to provide complete and accurate mapping information, directions, and other navigational data, using a combination of governmental and private location information sources. These sources may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

Safety & 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 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.

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.

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.

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.

Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

• ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.

• DO NOT carry the mobile device in the breast pocket.
• Use the ear opposite the implantable medical device to minimize the potential for interference.
• Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Driving Precautions

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Input information about your destination and route prior to your drive. Do not input data or engage in text messaging while driving. Keep your eyes on the road while driving. Listen to the audible turn-by-turn directions, if available.

Also, using a mobile device or accessory may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found at www.motorola.com/callsmart (in English only).

Operational Warnings

Obey all posted signs when using mobile devices in public areas.

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.

Symbol Key
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.
☂	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.

Batteries & Chargers
Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see "Battery Use & Safety."

Keep Your Mobile Device & Its Accessories Away From Small Children
These products are not toys and may be hazardous to small children. For example:
- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

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 tired.

Caution About High Volume Usage
Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected.
To protect your hearing:
- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

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.

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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
The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

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).

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.

Use & Care
To care for your Motorola mobile device, please observe the following:

liquids of any kind
Don't expose your mobile device to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.

extreme heat or cold
Avoid temperatures below 0°C/32°F or above 45°C/113°F.

microwaves
Don't try to dry your mobile device in a microwave oven.

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

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

shock and vibration
Don't drop your mobile device.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its mobile telephones ("Products"), 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.	**Ninety (90) days** 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.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**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 (Products and Accessories)

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)

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.

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How to Obtain Warranty Service or Other Information

USA	**All Products, Accessories, and Software:** 1-800-331-6456
Canada	**All Products:** 1-800-461-4575
TTY	1-888-390-6456

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**

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. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

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:
www.motorola.com/us/productregistration
Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration 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.

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

Disposal of your Mobile Device Packaging & Product Guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

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.

Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
  Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart

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—for example, handsfree use only. Go to www.motorola.com/callsmart **(in English only) 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.
- **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 voicemail 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 (wherever wireless phone service is available).
- **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 (wherever wireless phone service is available), 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 (wherever wireless phone service is available).

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