MOTO**RZR**™ V3s

User's Guide

HELLOMOTO

Thanks for purchasing the **MOTO**RAZR™ V3s CDMA wireless phone! It's an affordable phone with a sleek design that's sure to get attention.
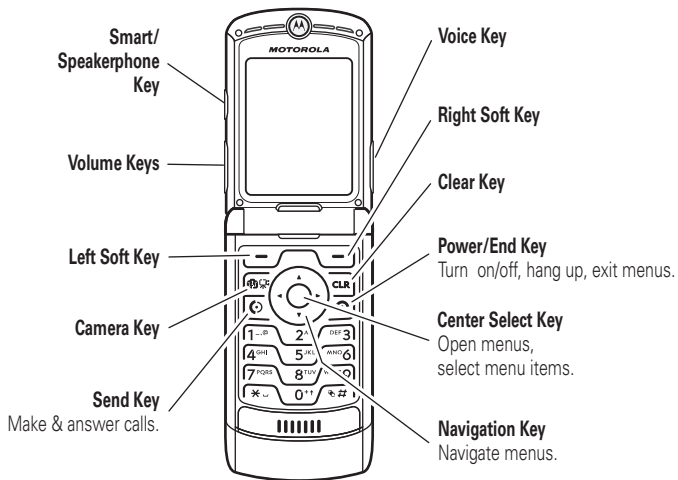
My Phone, My Way — It's your phone—make it that way. Customize your home screen with personal pictures, change wallpapers, and use your favorite song as your ringtone.
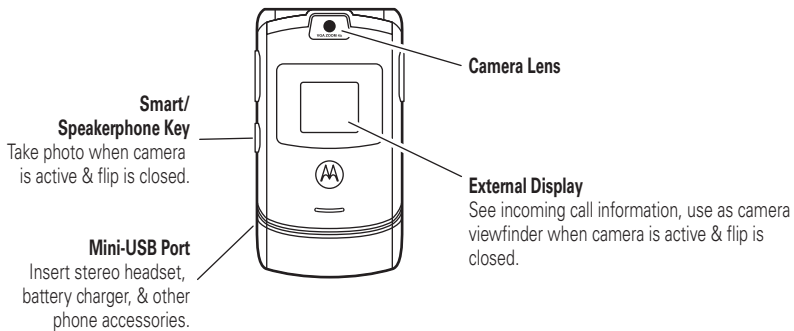
Freedom from Wires — Tired of being wired? With Bluetooth® wireless technology, you're free to do more, from almost anywhere.

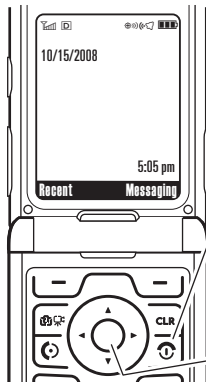**Share Your Life** — Take digital photos and send them to your friends who can't be with you.

Convenient External Display — At a glance you can see time and date, check phone status, and view indicators for calls and other events.

Here's a quick anatomy lesson.

Smart/ Speakerphone Key

Volume Keys

Left Soft Key

Camera Key

Send Key
Make & answer calls.

Voice Key

Right Soft Key

Clear Key

Power/End Key
Turn on/off, hang up, exit menus.

Center Select Key
Open menus, select menu items.

Navigation Key
Navigate menus.

2

Camera Lens

Smart/ Speakerphone Key
Take photo when camera is active & flip is closed.

Mini-USB Port
Insert stereo headset, battery charger, & other phone accessories.

External Display
See incoming call information, use as camera viewfinder when camera is active & flip is closed.

Home Screen

Main Menu

① Press & hold the *power key* 🔘 until the display lights up, to turn on your phone.

② Press the *center key* •❖• to open the **Main Menu**.
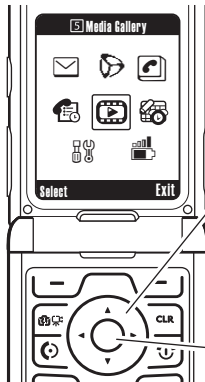
③ Press the *navigation key* •Ọ• up/down/left/right to scroll to a menu feature.

④ Press the *center key* •❖• to select it.

4

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.

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

Software Copyright Notice

Manual Number: xxxxx

contents

menu map

main menu

✉ **Messaging**
- Voicemail
- Create Message
- Message Inbox
- Drafts
- Outbox
- Quick Text
- Browser Alerts

🐬 **Web Browser**

📇 **Contacts**

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

📺 **Media Gallery**
- Camera
- Pictures
- Sounds
- Videos

🛠 **Tools**
- Calculator
- Datebook
- Voice Records
- Alarm Clock

⚙ **Settings**
- (see next page)

📊 **Phone Status**
- My Tel. Number
- Active Line
- Battery Meter
- Other Information

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

settings menu

Ring Styles
- Style
- *Style* Detail

Personalize
- Home Screen
- Main Menu
- Voice Dial Setup
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Sound Settings

In-Call Setup
- In-Call Timer
- Answer Options
- Msg Alert

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Restrict Calls
- New Passwords
- Data Connection

Initial Setup
- SpeakerPhone
- Auto PIN Dial
- Auto Redial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- DTMF
- Hyphenation
- Master Reset
- Master Clear

Network
- Current Network
- Set Mode
- Service Tone
- Call Drop Tone

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

Headset
- Auto Answer
- Voice Dial

Location
- Location On
- 911 Only

Connection
- Incoming Call
- Bluetooth Link

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 locate a menu feature as follows:

Find it: $\dot{\bullet}$ > 🔟 Recent Calls > Dialed

This means that, from the home screen:

1 Press the *center key* $\dot{\bullet}$ to open the menu.

2 Press the *navigation key* $\dot{\dot{Q}}$ to scroll to 🔟 Recent Calls, and press the center key $\dot{\bullet}$ to select it.

3 Press the navigation key $\dot{\dot{Q}}$ to scroll to Dialed, and press the center key $\dot{\bullet}$ to select it.

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

battery tips

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

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

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

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

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

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

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

Contact your local recycling center for proper battery disposal.

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

Before using your phone, read the battery safety information in the "Safety and General Information" section included in this guide.

To save battery life:

- Adjust the backlight to turn off more quickly (see page 31).

- Turn on **Battery Save** (see page 33).

- Turn off Bluetooth® power when you aren't using it (see page 48).

install the battery

1
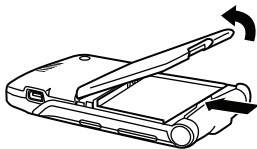
2
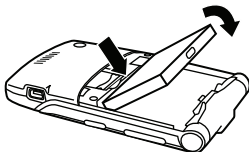
3
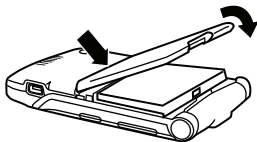
charge the battery

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

To charge using the charger:

1 Insert the charger into the USB connector on your phone as shown.

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

3 When your phone displays Charge Complete, remove the charger.
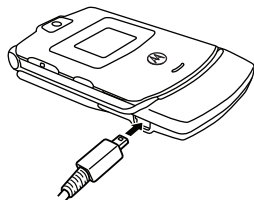
Tip: Relax! You can safely leave the charger connected to the phone after charging is complete. This will **not** damage the battery.

When you charge the battery, the battery level indicator at the upper right of the screen shows charging progress. At least one segment of the indicator must be visible to ensure full phone functionality while charging.

To charge from your computer:

You can also charge your phone's battery by connecting a cable from your phone's mini-USB port to a high-power USB connector on a computer (not a low-power one, such as the USB connector on your keyboard or bus-powered USB hub). Typically, USB high-power connectors are located directly on your computer.

Both your phone and your computer must be turned on, and you must have correct software drivers installed on your computer. Cables and software drivers are available in Motorola Original™ data kits, sold separately.

turn it on & off

To turn on your phone, press and hold ⃝ for a few seconds or until the display turns on. If prompted, enter your four-digit unlock code.

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

make a call

Enter a phone number and press ⃝ to make a call.

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

14 essentials

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 📵.

adjust volume

Press the volume keys up or down to:

- increase or decrease earpiece volume during a call

- increase or decrease the ringer volume setting when the home screen is visible (with the flip open)

- turn off an incoming call alert
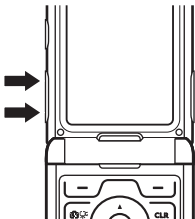
change the call alert

flip open

From the home screen, press the down volume key to switch to lower call alert volume, then vibrate, and finally silent alert. Press the up volume key to cycle back from silent alert to vibrate and then to the lowest alert volume setting.
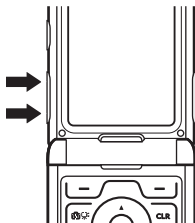
flip closed

Press the up or down volume key, then press the smart/speakerphone key to scroll through the alert styles: **Loud**, **Soft**, **Vibrate**, **Vibrate then Ring**, and **Silent**. The alert styles are shown on the phone's external display.

Volume keys

Smart/ Speaker- phone key

After scrolling to the desired alert style, press the up or down volume key to save the setting and return to the home screen.
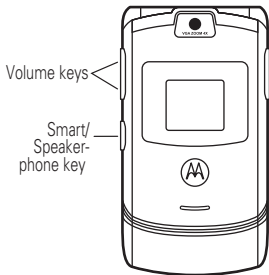
call a stored phone number

Find it: $\hat{\bullet}$ > 🖃 Contacts

1 Scroll to the entry you want to call.

Shortcut: In Contacts, press keypad keys to enter the first letters of an entry you want. You can also press ✱ and # to see the entries you use frequently, or entries in other categories.

2 Press ⌽ to call the entry.

view your phone number

Find it: $\hat{\bullet}$ > 📠 Phone Status > My Tel. Number

You can also view your number by pressing CLR #.

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

tips & tricks

From the home screen (page 18), you can use the following shortcuts:

To...	Do this...
view your phone number	Press CLR #.
redial a number	Press 🔘, then scroll to the number you want to call and press 🔘 again.
lock/unlock keypad	Press CLR ✳.
take photos	Activate the camera by pressing 📷.

To...	Do this...
store a phone number	Enter a phone number, and press Store. Enter a name and other details for the phone number. (To select a highlighted item, press the center key ·●·.) Press Done to store the number and other entry information.

basics

See page 1 for a basic phone diagram.

home screen

The *home screen* displays when you are **not** on a call or using the menu. You must be in the home screen to make a call.
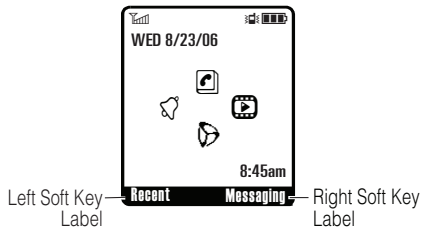
Note: Your home screen may look different than the screen shown here.

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:
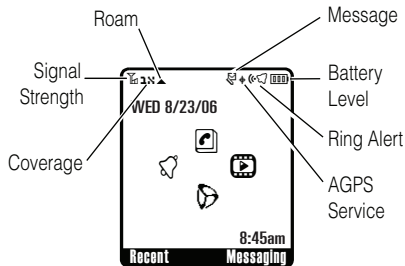
Indicators and alerts are discussed in the next section.

system status indicators

indicator	
◔ᴵᴵᴵ Signal Strength	Vertical bars show the strength of the network connection.
▲ Roaming	Indicates phone is in a digital coverage area and is roaming off network.
D Digital	Indicates phone is in a CDMA digital coverage area.
1X 1X	Indicates phone is in a 1x-RTT coverage area.
☎ Missed Call	Indicates that you received an unanswered call.
ᶜᵐ Data Call, Tethered, or Embedded WAP/BREW Application	Shows during data call, tethered mode, or WAP/BREW application.

indicator	
♈ No Service	Phone is in area with no service coverage.
☎ TTY	Phone is in TTY mode (see page 51).
(•) Voice Call/ Incoming Call	Shows during an active voice call.
⊕ 911 Only	Shows when Location is set to 911 Only.
⊕» Location On	Shows when Location is set to Location On.
🔒 Phone Locked	Shows when phone is locked.
▮▮▮ Battery Level	Shows battery charge level. The more bars, the greater the charge.
«♩ Sounds Loud	Indicates Style (in Ring Styles) is set to Loud.

basics   **19**

indicator	
⁀☽ **Sounds Soft**	Indicates Style (in Ring Styles) is set to Soft.
⊘☽ **All Sounds Off**	Indicates Style (in Ring Styles) is set to Silent.
³◪ **Vibrate On**	Indicates Style (in Ring Styles) is set to Vibrate.
³⁀☽ **Sound on, Vibrate On**	Indicates Style (in Ring Styles) is set to Vibe then Ring.
Speakerphone On	Indicates speakerphone is on.
◁⁀ **New Text Message**	Displays when you receive a new text message.
✉⁾ **New Voicemail Message**	Displays when you receive a new voicemail message.
✺ **Bluetooth Connection Active**	Your phone is paired to another Bluetooth® device.

menu shortcuts

Your phone includes shortcuts to give you quick access to menu features.

select home screen menu icon

Your phone displays four menu icons in the middle of the home screen.

```
  ▔ᵤₗₗ              ⁳⁴ ▮▮▮
  WED 8/23/06
                ☎
            ♤      ⯐
                ⭒
                       8:45am
  Recent          Messaging
```
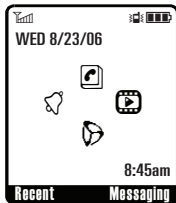
Press ·Ọ· left, right, up, or down to open the menu for the corresponding icon.

You can change the menu icons that appear in the home screen or set your phone not to display icons in the home screen (see page 61).

select by number

You can set your phone to display the menu as a numbered list of features (see "menu view" on page 62). When the menu is displayed as a numbered list, press the center key **·●·**, then the number key associated with the menu feature you want to select.

enter text

Some features require you to enter information. The following is a sample of a screen for entering information for a **Contacts** entry:

Highlighted Option

Press **Done** to save all changes.

Press **Cancel** to exit without making changes.
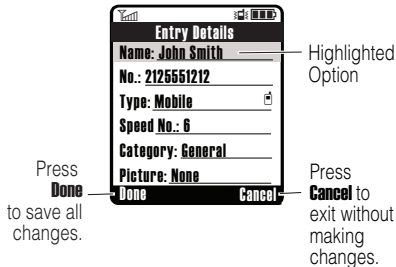
The following is a sample screen for composing a message:

Press **Options** to view **Message Menu**.
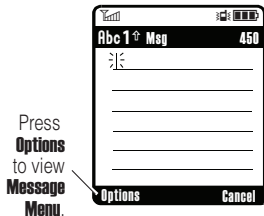
set entry modes

Multiple text entry modes make it easy for you to enter names, numbers, and messages:

entry mode	
Primary	Enter text using the method you set (see page 22).
Numeric	Enter numbers only (see page 25).
Symbol	Enter symbols only (see page 25).
Secondary	Enter text using the method you set (see page 22).

basics **21**

To set up Primary or Secondary entry mode:

1 Press **Options** in any text entry screen.

2 Scroll to **Entry Setup** and press **Select**.

3 Scroll to **Primary Setup** or **Secondary Setup** and press **Change**.

4 Scroll to one of the methods in the table following these steps and press **Select**.

You can select one of these text entry methods:

entry method	
iTAP English	Let the phone predict each English word as you press keys (see page 24).
iTAP Français	Let the phone predict each French word as you press keys.
iTAP Español	Let the phone predict each Spanish word as you press keys.
iTAP Portuguêse	Let the phone predict each Portuguese word as you press keys.

entry method	
Tap English	Enter letters and numbers by pressing a key one or more times (see page 23).
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times (see page 23).

Your phone may not contain all of the languages listed above.

When you select **Primary** or **Secondary** entry mode, the phone will now use the method you just set up.

To select a text entry mode:

Press **Options** in any text entry screen, scroll to and select **Entry Mode**, then scroll to and select the desired entry mode.

text entry mode indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

primary	secondary	
ab1	**ab2**	Tap, no capital letters
Ab1⇧	**Ab2**⇧	Tap, capitalize next letter only
AB1↑	**AB2**↑	Tap, all capital letters
ab1☐	**ab2**☐	iTAP®, no capital letters
Ab1⇧	**Ab2**⇧	iTAP, capitalize next letter only
AB1↑	**AB2**↑	iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry mode:

non-text entry mode	
123	numeric mode
@%	symbol mode

capitalization

Press **0** in any text entry screen to change text case.

tap method

This is the standard method for entering text on your phone.

Regular **Tap** method cycles through the letters and numbers of the key you press. The **Tap Extended** method cycles through letters, numbers, **and** symbols. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 21.

1 Press a key one or more times to select a letter, number, or symbol.

2 Repeat the step above to enter more characters.

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:
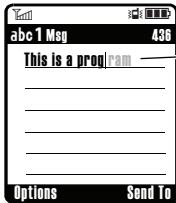
Press **·Ọ·** right to accept **program**, or press **·Ọ·** up or down to reject it. Press **#** to enter a space after **prog**.

Press **·Ọ·** right to accept a word, **·Ọ·** up or down to reject a word, or **#** to insert a space.

If you want a different word, continue pressing keys to enter the remaining characters.

Press **·Ọ·** left or right to move the flashing cursor to the left or right in a text message.

The first character of every sentence is capitalized. If necessary, press **·Ọ·** down to

change the character to lowercase before the cursor moves to the next position.

If you don't want to save your text or text edits, press **⊙** to exit without saving.

iTAP® method

The iTAP software combines your key presses into common words, and predicts each word as you enter it. This can be faster than **Tap** method because your phone combines the key presses into common words. If **iTAP** method is not available as the **Primary** or **Secondary** entry mode, see page 21.

1 Press keypad keys to show possible letter combinations at the bottom of the screen.

2 Scroll left or right to highlight the combination you want.

3 Press **Select** to lock a highlighted combination.

You can press keys to add more letters to the end of the combination.

or

Press **⊛** to enter the highlighted combination when it spells a word. A space is inserted after the word.

If you enter a word your phone does not recognize, your 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.

numeric method

In a text entry screen, press **⊛** to switch entry methods until your phone displays the **123** (numeric) indicator.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press **⊛** to switch to another entry method.

symbol method

In a text entry screen, press **⊛** to switch entry methods until your phone displays the **@%** (numeric) indicator.

1 Press a key one or more times to show possible symbol combinations at the bottom of the screen.

2 Scroll left or right to highlight the symbol you want.

3 Press **Select** to enter the highlighted symbol.

delete letters & words

Place the cursor to the right of the text you want to delete, and then:

- Press **CLR** to delete one letter at a time.
- **Press and hold** **CLR** to delete all text.

external display

When you close your phone, the external display shows the time, status indicators, and notifications for incoming calls. (For a list of phone status indicators, see page 19.)

handsfree speaker

Note: You must open your phone's flip to activate the speakerphone.

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

To activate the speakerphone during a call, a call (with the flip open), press and hold the smart/ speakerphone key.

You will see **Spkrphone On** and hear a soft audio alert.

To end the call, press the

📷 key. You will see **Call Ended** and hear a soft audio alert.

The handsfree speaker stays on until you press and hold the smart/speakerphone key again or turn off the phone. You will see **Spkrphone Off**.
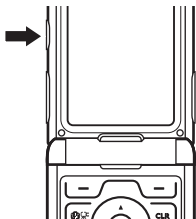
You can also set your phone to turn off the speakerphone automatically after twenty seconds of inactivity:

Find it: ·🔸· > ⚙ Settings > Initial Setup

1 Scroll to **SpeakerPhone** and press **Change**.

2 Scroll to **20 sec timeout** and press **Select**.

To use the speakerphone with your phone's flip closed:

1 Open the flip.

2 Press and hold the smart/speakerphone key to turn on the speakerphone.

3 Enter then number you want to call and press 📞.

4 When the call connects, close the flip and continue your conversation.

5 To end the call, press and hold the smart/speakerphone key. You will see **Call Ended** and hear a soft audio alert.
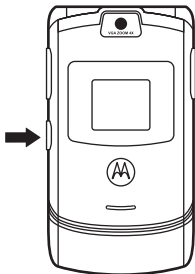
codes & passwords

Your phone's four-digit **unlock 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 reset these codes before you get your phone.

If your service provider didn't change these codes, you should change them to prevent others from accessing your personal information. The unlock code must contain four digits. The security code must contain six digits.

To change a code or password:

Find it: $\hat{\bullet}$ > $\blacksquare$ Settings > Security > New Passwords

Select the type of code you want to change, enter the old code when prompted, then enter the new code.

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:

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

lock & unlock phone

You can lock your phone manually or set it to lock automatically whenever you turn it off.

To lock or unlock your phone, you need the four-digit unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you have to unlock it to answer**.

You can make emergency calls on your phone even when it is locked (see page 34).

To lock your phone:

Find it: $\hat{\bullet}$ > 🖭 Settings > Security > Phone Lock > Lock Now or Automatic Lock

Enter the four-digit unlock code, then press Ok.

To unlock your phone:

When you see Enter Unlock Code, enter your four-digit unlock code and press Ok.

if you forget a code

Note: Your phone's four-digit unlock code is set at the factory to **1234** or to the last four digits of your phone number. The six-digit security code is set to **000000**.

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

customize

ring styles & alerts

Your phone rings and/or vibrates to notify you of an incoming call or to signal certain other events. This ring or vibration is called an *alert*.

set a style

Find it: $\cdot\!\!\hat{\bullet}\cdot$ > 🖧 Settings > Ring Styles

Tip: You can also press $\cdot\!\!\hat{\bullet}\cdot$ > 🖧 Settings >Personalize > Sound Settings > Ring Styles

1 Scroll to Style and press Change or the center key $\cdot\!\!\hat{\bullet}\cdot$.

2 Scroll to the desired ring style and press Select or the center key $\cdot\!\!\hat{\bullet}\cdot$.

set alerts

Your phone includes alerts for Calls, Inbox, Voicemail, Alarms, Data Calls, Fax Calls, and Reminders.

You can specify a detailed setting for each type of alert:

Find it: $\cdot\!\!\hat{\bullet}\cdot$ > 🖧 Settings > Ring Styles

1 Scroll to *Style* Detail and press Change or the center key $\cdot\!\!\hat{\bullet}\cdot$.

2 Scroll to the desired alert type and press Change or the center key $\cdot\!\!\hat{\bullet}\cdot$.

3 Scroll to the desired detail setting and press Select or the center key $\cdot\!\!\hat{\bullet}\cdot$.

   Note: As you scroll through the settings, your phone plays a sample of each one you highlight.

answer options

You can use different ways to answer an incoming call.

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

To turn on or turn off an answer option:

Find it: $\hat{\bullet}$ > $\overset{\boxtimes}{\boxtimes}$ Settings > In-Call Setup > Answer Options

wallpaper

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

Press $\hat{\bullet}$ > $\overset{\boxtimes}{\boxtimes}$ Settings > Personalize > Wallpaper

To select a wallpaper image:

1 Scroll to Picture and press Change to view available pictures.

2 Scroll to the picture you want and press the center key $\hat{\bullet}$.

Select (None) to turn off wallpaper.

To adjust wallpaper image layout:

1 Scroll to Layout and press Change.

2 Scroll to Center, Tile, or Fit-to-screen, and press Select.

set screen saver

Set a photo or picture as a screen saver image.

The screen saver image displays when the flip is open and no activity is detected for a specified time period. The image shrinks to fill the display, if necessary.

Tip: Turn off the screen saver to extend battery life.

Find it: $\hat{\bullet}$ > $\overset{\boxtimes}{\boxtimes}$ Settings > Personalize > Screen Saver

To select a screen saver image:

1 Scroll to Picture and press Change to view available pictures.

2 Scroll to the picture you want and press Select.

Select (None) to turn off the screen saver.

To set how long your phone must be inactive before it displays the screen saver:

1 Scroll to **Delay** and press **Change**.

2 Scroll to **1 minute**, **2 minutes**, **5 minutes**, or **10 minutes**, and press **Select**.

Note: Select **Off** if you don't want a screen saver.

brightness

Find it: $\hat{\bullet}$ > $\boxed{\mathbb{B}\mathstrut\!\mathbb{X}}$ Settings > Initial Setup > Brightness

display timeout

Set the amount of time that the display stays turned on.

Note: If you set **Display Timeout** to **Off**, your display backlight will never turn off. This will greatly reduce your battery's life.

Find it: $\hat{\bullet}$ > $\boxed{\mathbb{B}\mathstrut\!\mathbb{X}}$ Settings > Initial Setup > Display Timeout

backlight

Set the amount of time that the display and keypad backlights stay on, or turn off backlights to extend battery life.

Find it: $\hat{\bullet}$ > $\boxed{\mathbb{B}\mathstrut\!\mathbb{X}}$ Settings > Initial Setup > Backlight

talking phone settings

You can set your phone to speak aloud the name of a Contacts entry when you highlight that entry in the phonebook. You can also set it to speak the names of digits as you enter a number to call.

Find it: $\hat{\bullet}$ > $\boxed{\mathbb{B}\mathstrut\!\mathbb{X}}$ Settings > Personalize > Sound Settings > Phonebook > Voice

AGPS & your location

Your phone uses the *Automatic Location Information* (ALI) feature, along with AGPS satellite signals, to tell the network where you are physically located.

When ALI is set to **Location** > **Location On**, your phone shows the ⊕⁾ (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **Location** > **911 Only**, your phone displays the ⊕ (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

Find it: 󰁅 > 󰂰 **Settings** > **Location** > **Location On** or **911 Only**

To view or change the location transmission status of your phone during a call, press 󰁅 > **Location**.

AGPS limitations & tips

Your phone uses *Assisted Global Positioning System* (AGPS) satellite signals to estimate your location. If your phone cannot find strong satellite signals, your AGPS might be slower, less accurate, or it might not work at all. AGPS provides only an approximate location, often within 150 feet (45 meters) but sometimes much farther from your actual location.

To improve AGPS accuracy:

- 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 that might interfere with or block AGPS satellite signals.

- If your phone has a retractable antenna, extend the antenna.

- Hold your phone away from your body, and point the phone antenna toward the sky. Do not cover the antenna area with your fingers.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

conserve battery

Your phone includes a light sensor and a **Battery Save** setting to extend battery life. When you turn on **Battery Save**, your phone automatically turns off the keypad backlight when it detects sufficient ambient light. Blocking the sensor can cause the backlight to turn on and off intermittently.

Find it: $\cdot\hat{\bullet}\cdot$ > $\boxed{\text{\tiny ⚙}}$ **Settings** > **Initial Setup** > **Battery Save**

calls

To make and answer calls, see page 14.

change active line

If you have more than one phone number, you can switch from one line to another.

Find it: $\dot\bullet$ > $\mathcal{C}_{\text{▤}}$ Phone Status > Active Line

automatic redial

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

When you turn on automatic redial, your phone automatically redials a busy number for four minutes. When the call connects, your phone rings or vibrates once, displays Redial Successful, and completes the call.

Find it: $\dot\bullet$ > ▤ > Settings > Initial Setup > Auto Redial

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see Call Failed, press 🔘 or RETRY.

turn off a call alert

Press the volume keys to turn off a call alert before answering the call.

emergency calls

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.

Note: Emergency numbers vary by country. Your phone's preprogrammed number(s) may not work in all locations, and sometimes an emergency call cannot

be placed due to network, environmental, or interference issues.

1 Enter the emergency number.

2 Press ⓞ to call the emergency number.

AGPS during an emergency call

When you make an emergency call, your phone can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls:

- • Your phone's AGPS feature must be turned on (see page 31).

- • Your local emergency response center might not process AGPS location information. For details, contact your local authorities.

For best results:

- • 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 that might interfere with or block AGPS satellite signals.

If your phone cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response center.

recent calls

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

Tip: Press ⊙ from the home screen to view the Recent Calls list.

Find it: •̂ > 🕮 Recent Calls

1 Scroll to Received or Dialed and press Select.

2 Scroll to an entry.

3 Press ⊙ to call the number.

To see call details (like time and date), press the center key •̂.

To access a menu of options (see the table following these steps), press Options.

The Options menu can include the following:

option	
Store	Create a Contacts entry with the number in the No. field.
Delete	Delete the selected entry (if the entry isn't locked).
Delete All	Delete all unlocked entries.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits or insert a special character.
Attach Number	Attach a number from the Contacts or recent calls lists.

notepad

Your phone stores the most recent digits you entered in *notepad* memory. These digits can be a number that you called ar a number that you entered and want to save for later.

To retrieve a number stored in the notepad:

Find it: •̂ > 🕮 Recent Calls > Notepad

Press $\textcircled{\small{\textbf{S}}}$ to call the number.

Press **Options** to open the **Options** menu to attach a number or insert a special character.

Press **Store** to create a new **Contacts** entry with the number already entered in the **No.** field.

return a missed 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 **View** to see the received calls list.

2 Scroll to the call you want to return and press $\textcircled{\small{\textbf{S}}}$.

attach number

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

speed dial

Each entry you store in **Contacts** is assigned a unique *speed dial* number.

Tip: What's the speed dial number? To see the speed dial number for an entry, press the center key $\cdot\hat{\bullet}\cdot$, select **Contacts**, then scroll to the entry and press $\cdot\hat{\bullet}\cdot$.

To speed dial a number:

1 Enter the speed dial number for the entry you want to call and press $\boxed{\#}$.

2 Press $\textcircled{\small{\textbf{S}}}$ to call the number.

one-touch dial

To call a **Contacts** entry 1 through 9, press and hold the single-digit speed dial number (key $\boxed{1}$ through $\boxed{9}$) for that entry for one second.

entertainment

take a photo

Your camera lens is on the back of your phone when the phone is open (see page 1). **To get the sharpest photos, wipe the lens clean with a dry cloth before you take a photo.**

take photo

To activate your phone's camera:

Find it: ◆ 🔄 Media Gallery > Camera

Tip: You can also activate your phone's camera by pressing the camera key 📷.

Your phone displays the active viewfinder image:

Remaining Shots

Resolution

Displays when you press ◆ to change camera settings.

Zoom
1x

Options

Exit

Press left soft key to view **Options** menu.

Press right soft key to return to previous screen.
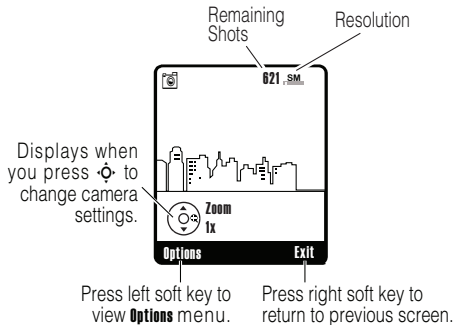
1 Point the camera lens at the camera subject.

Press ·Ó· up and down **to select and adjust any of the following settings**:

Zoom—Increase or decrease image size.

Style—Set to Color, Black and White, Antique, or Negative.

Lighting Conditions—Set to Automatic, Sunny, Cloudy, Indoor (Home), Indoor (Office), or Night.

To view other options, press Options (see page 39).

2 Press the camera key 回器 to take the photo.

3 Press Options to open the Store Options menu. Then select Store Only, Apply as Wallpaper, Apply as Screen Saver, or Apply as Phonebook Entry.

or

Press Send to save the photo and go to the Send Options screen. Then select Send in Message or Send to online Album.

Tip: To take a self-portrait, activate the camera, close the flip, point the lens at yourself, center yourself in the external display, and press the smart/speakerphone key. (Hold the phone at least 18 inches away.)

adjust camera settings

When the camera is active, press Options to view and select these options:

option	
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Capture Title	Assign a name to a captured photo.
Camera Setup	Change Resolution or image Quality, activate a Shutter Tone, or turn Auto-Focus on or off.
View Free Space	See how much memory remains for storing pictures.

fun & games

launch micro-browser

$\hat{\bullet}$ > $\diamondsuit$ Web Access

manage pictures

$\hat{\bullet}$ > $\boxed{\cdot}$ Media Gallery > Pictures

To view a picture, scroll to the picture title and press the center key $\hat{\bullet}$.

Press **Options** to select open a menu that can include these options: **Send in Message**, **Send to online album**, **Apply As**, **Zoom**, **New**, **Details**, **Rename**, **Delete**, **Move**, **Copy**, **Mark**, **Mark All**, **Categories**, **Assign to Category**, **View Free Space**.

manage sounds

$\hat{\bullet}$ > $\boxed{\cdot}$ Media Gallery > Sounds

To play a sound, scroll to the sound title and press the center key $\hat{\bullet}$.

Press **Options** to open a menu that can include these options: **Send in Message**, **Send to online album**, **Apply As Ring Tone**,

New, **Hide**, **Details**, **Copy**, **Mark**, **Mark All**, **Categories**, **Sounds Setup**, **View Free Space**.

messages

send a multimedia message ⓐ

A *multimedia message* contains embedded media objects (possibly including photos, pictures, animations, sounds, and voice records). You can send a multimedia message to other wireless phones with multimedia messaging capabilities and to email addresses.

create & send message

Find it: $\cdot\bullet\cdot$ > ✉ > Messaging > Create Message > New Picture Message

1 Enter message text.

2 Press Options to open the Picture Msg Menu (see page 42).

3 Scroll to Insert and press Select.

4 To insert a stored multimedia object, scroll to Picture, Voice Record, Sound, or Video, and press Select. Then scroll to the desired object and press Insert.

   or

   To take and insert a new photo, scroll to New Picture and press Select. Take the photo and press Insert.

5 Press Send To.

6 Scroll to and select the entry to receive the message.

   or

   Scroll to and select [New Number] or [New Email Address], then enter the recipient's phone number or email address and press Ok.

7 Press Send to send the message.

   or

Press **Options** to open the **Send To Menu** and select **Message Options** (see table below), **Message Details**, **Save to Drafts**, or **Abort Message**.

The **Message Options** menu can include:

options	
Cc	Enter names of recipient(s) to receive message copy. Names entered here can be viewed by all recipients.
Bcc	Enter names of recipients to receive message copy. A name entered here can be viewed ONLY by the sender and by that recipient but NOT by other recipients.
Subject	Enter the message subject.
Attachments	Add a picture or sound.
Priority	Set to **Normal** or **Urgent**.
Delivery Report	Receive a report on whether or not the message was sent successfully.

picture msg menu options

While creating a multimedia message, press **Options** to open the **Picture Msg Menu**:

options	
Insert	Insert a multimedia object, a new page for message text, or a phone number from the **Contacts**, **Received**, or **Dialed** list.
Message Options	(See table in previous section.)
Delete Page	Delete the current page from the message.
Preview	View the message as it will appear to the recipient(s).
Set Page Timing	Set how long a page will be displayed.
Save as Template	Save the current message as a template to use for future messages (see page 44).
Message Details	View message statistics.

options	
Save to Drafts	Save current message to the Drafts folder and return to the Message Center menu.
Copy Text	Copy message text that you select.
Cut Text	Cut message text that you select.
Copy All Text	Copy all message text.
Cut All Text	Cut all message text.
Paste	Paste (insert) into the message the text you previously copied or cut.
Undo	Remove text you just pasted.
Entry Mode	Specify which entry mode to use as default (see page 21).
Entry Setup	Assign text entry methods to Primary and Secondary entry modes (see page 21).
Cancel Message	Open the Msg Abort Options screen.

receive a multimedia message

When you receive a multimedia message, your phone plays an alert and displays the ⊠ (message waiting) indicator and a New Message notification.

Open the flip and press READ to read the message immediately, or save it in your Message Inbox for viewing later.

To read messages in your Message Inbox:

Find it: $\dot{\bullet}$ > ⊠ Messaging > Message Inbox

1 Scroll to the message you want to read.

2 Press the center key $\dot{\bullet}$ to open the message. Your phone displays the media object, then the message.

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 datebook entry or an unknown file type).

voicemail

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

Note: Your service provider may give you additional information about using voicemail.

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

To **check** voicemail messages later:

Find it: `·●· > ☑ Messaging > Voicemail`

Press ⌾ (send key) to call your voicemail number.

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

more messaging features

features
send text message   🅐
`·●· > ☑ Messaging > Create Message > New Short Message`   Press Options to perform other actions on the message.
use multimedia template   🅐
Multimedia templates are messages with preloaded media but no text. You can save time by sending them with text you enter.   `·●· > ☑ Messaging > Create Message > Picture Msg Templates`

features	
create quick text 𝄞A	
Enter and store Quick Text (prewritten) messages that you can select and send later.	
•�• > ✉ Messaging > Quick Text > [New Quick Text]	
Enter the new message and press Ok to save it.	
send quick text 𝄞A	
•�• > ✉ Messaging > Quick Text	
Scroll to the quick text you want to send and press Options, then scroll to Send and press Select.	
view sent message 𝄞A	
•�• > ✉ Messaging > Outbox	
Scroll to the message you want to view and press the center key •�•.	
Press Options to perform other actions on the message.	

features	
read received message 𝄞A	
•�• > ✉ Messaging > Message Inbox	
Scroll to the message you want to view and press the center key •�•.	
Press Options to perform other actions on the message.	
drafts 𝄞A	
•�• > ✉ Messaging > Drafts	
Scroll to the message you want to view and press the center key •�•. You can edit the message when you view it.	
Press Options to perform other actions on the message.	

messages **45**

features	
erase messages	🄐
Delete all messages or only messages from the **Outbox** or **Drafts** folder:	
$\hat{\bullet}$ > ▢ Messaging	
Press **Options**, then scroll to and select **Erase Messages**. Scroll to **All**, **Outbox**, or **Drafts**.	
To delete Outbox messages automatically after a specified time, press **Options**, then scroll to and select **Setup**. Scroll to and seleect **Outbox Setup**.	
store message objects	🄐
Go to a multimedia message slide, or highlight an object in a letter, then press **Options**.	
Select **Save Picture** or **Save Sound**.	
view browser alerts	🄐
View special notifications from your Web browser:	
$\hat{\bullet}$ > ▢ Messaging > Browser Alerts	

| features	
set up messaging	🄐
$\hat{\bullet}$ > ▢ Messaging	
Press **Options**, then scroll to and select **Inbox Setup** or **Voicemail Setup**.	

connections

cable connections

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

Note: Motorola Original™ data cables and supporting software are sold separately. Check your computer to determine the type of cable you need. To make **data calls** through a connected computer, see page 52.

If you use a USB cable connection:

- Make sure to connect the phone to a high-power USB port on your computer (not a low-power one such as the USB port on your keyboard or bus-powered USB hub). Typically,
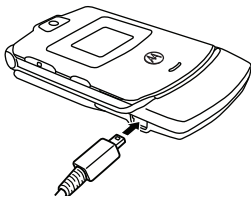
USB high-power ports are located directly on your computer.

Note: If you connect your phone to a low-power USB port, the computer may not recognize your phone.

- Make sure both your phone and the computer are turned on.

Bluetooth® connections

Your phone supports Bluetooth wireless connections. You can connect your phone to a Bluetooth headset or car kit, or connect to another device to transfer files.

Your phone currently supports the following Bluetooth profiles:

- Headset—Describes how a Bluetooth enabled headset should communicate with a computer or other Bluetooth enabled device such as a mobile phone.

- Handsfree—Describes how a gateway device can be used to place and receive calls for a handsfree device. For example, an vehicle handsfree kit could use a mobile phone as a gateway device.

- Dial Up Networking (DUN)—Provides a standard to access the Internet and other dial-up services with a Bluetooth wireless connection.

- OBEX (OBject EXchange) profiles—File Transfer Profile (FTP) and Object Push Profile (OPP) for user-generated content (image), and vCard (OPP only).

Note: This phone does not support all OBEX profiles.

For more Bluetooth wireless connections support information, go to **www.motorola.com/Bluetoothsupport**.

Note: All multimedia (video player, audio player, shutter tones) will play from the speakerphone when your phone is connected to another Bluetooth device.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment, away from other devices with Bluetooth connection capabilities.

turn Bluetooth power on/off

Set Bluetooth power to be on whenever your phone is on.

Find it: $\hat{\bullet}$ > $\tiny\begin{smallmatrix}\square\square\\\square\square\end{smallmatrix}$ Settings > Connection > Bluetooth Link > Setup

1 Scroll to Power and press Change.

2 Scroll to On and press Select.

Note: To extend battery life, use this procedure and set Bluetooth power to Off when not in use. If you turn Bluetooth power Off, your phone will not connect to other Bluetooth devices until you turn Bluetooth power On and reconnect.

place phone in discovery mode

Allow an unknown Bluetooth device to discover your phone:

Find it: $\hat{\bullet}$ > $\underset{\underline{m}}{\underline{m}}\overset{\circ}{\circ}$ Settings > Connection > Bluetooth Link > Find Me

If the device requests permission to bond with your phone, press YES and enter the device PIN code to create a secure connection with the device. (The PIN code is typically set to 0000.)

Note: See the instructions that came with your device for the device's PIN code and other information about the device.

pair with headset, handsfree device, or computer

Note: If you want to use your Motorola Bluetooth headset with both an audio device and your phone, use your phone's Bluetooth menus to connect the phone with the headset. If you establish the connection by pressing a button on the headset, or if you allow the headset to connect

automatically by turning it on, you may experience unexpected results.

Before you try to connect to another Bluetooth device, make sure your phone's Bluetooth power is On and the device is in *pairing* or *bonding* mode (see the user guide for the device you are attempting to pair with). You can connect your phone with only one device at a time.

Find it: $\hat{\bullet}$ > $\underset{\underline{m}}{\underline{m}}\overset{\circ}{\circ}$ Settings > Connection > Bluetooth Link > Handsfree > [Look For Devices]

Note: If your Bluetooth power is not turned on, your phone will prompt you to turn it on.

Your phone lists the devices it finds within its range. If your phone is already connected to a device, your phone lists that device and identifies it with a ✓ (in-use indicator).

1 Scroll to a device in the list.

2 Press the center key $\hat{\bullet}$ to connect the device.

3 If the device requests permission to bond with your phone, press YES and enter the device PIN

code to create a secure connection with the device. (The PIN code is typically set to **0000**.)

Note: See the instructions that came with your device for the device's PIN code and other information about the device.

When the connection is made, the 🚀 (Bluetooth) indicator or a **Bluetooth** message displays in the home screen.

connect to handsfree device during a call

Note: You must have already paired with the device (see page 49).

Press **Options**, then select **Connect Bluetooth**.

Note: You can't switch to a headset or car kit if you are already connected to a Bluetooth device.

copy files to another device

You can move or copy a multimedia object (such as a picture or sound file), or copy a **Contacts** entry, from your phone to a computer or other device.

Note: You can't copy or move some copyrighted objects.

1 Connect to the other device (see page 49).

2 On your phone, scroll to the object or **Contacts** entry that you want to copy.

3 Press **Options**.

4 For multimedia objects, scroll to the object and press the center key ·●·. Press **Options**, then scroll to **Move** or **Copy** and press **Select**.

or

For a **Contacts** entry, scroll to the entry and press **Options**. Scroll to **Share Phonebook Entry** and press **Select**.

5 Select the device name, or select **[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.

receive files from another device

Note: If you do not see the Bluetooth indicator 🛇 a the top of your phone's display, **turn on your phone's Bluetooth power** (see page 48).

1 Place your phone near the device, and send the file from the device. (If necessary, refer to the user's manual for the device for instructions.)

If your phone and the sending device don't recognize each other, **place your phone in discovery mode** so the sending device can locate it (see page 49).

2 When prompted to accept the sent object, scroll to Yes and press the center key ·◆·.

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

disconnect from a device

Scroll to Bluetooth and select Off.

set Bluetooth options

Find it: ·◆· > ⚙ Settings > Connection > Bluetooth Link > Setup

TTY operation

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 and set the phone to operate in one of three TTY modes.

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

Note: 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.

Note: 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.

set TTY mode

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

Find it: $\dot{\bullet}$ > 圖 Settings > Initial Setup

1 Scroll to TTY Setup and press Change.

2 Scroll to one of the following TTY Setup options and press Select.

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

return to voice mode

To return to standard voice mode, select **Voice** from the **TTY Setup** options.

data & fax calls

To specify the call type for next call:

Find it: $\dot{\bullet}$ > 圖 Settings > Connection > Incoming Call

**1** Scroll to Next Call and press Change.

2 Select Normal, Data In Only, or Fax In Only.

To send data or a fax, connect your phone to the device, then place the call through the device application.

To receive data or a fax, connect your phone to the device, then answer the call through the device application.

other features

advanced calling

features

conference call

During a call, dial the next number and press $\boxed{\text{O}}$, then press $\boxed{\text{O}}$ again.

restrict calls

Restrict outgoing or incoming calls:

$\cdot\hat{\bullet}\cdot$ > $\mathbb{H}^{\circ}_{\circ}$ > Settings > Security > Restrict Calls

When prompted, enter the unlock code (see page 27) and press Ok. Then select Outgoing Calls or Incoming Calls and press Change, then select All, None, or Contacts.

features

auto PIN dial

Some networks require an authenticating PIN code to allow outgoing calls. Use Auto PIN Dial to enter your PIN code automatically.

$\cdot\hat{\bullet}\cdot$ > $\mathbb{H}^{\circ}_{\circ}$ > Settings > Initial Setup > Auto PIN Dial

features
DTMF Tones
Your phone can send *Dual Tone Multi Frequency* (DTMF) tones for calling card calls or other automated touch-tone calls.
Set up DTMF tones:
$\cdot\hat{\bullet}\cdot$ > 盥 > Settings > Initial Setup
Scroll to DTMF and press Change, then select Short, Long, or Off.
Switch between voice calls and DTMF calls:
$\cdot\hat{\bullet}\cdot$ > 盥 > Settings > Personalize > Sound Settings > Number Dialing > DTMF or Voice

contacts

features
create entry
$\cdot\hat{\bullet}\cdot$ > 🔲 Contacts > [New Entry]
view entry
To view an entry, scroll to the entry and press the center key $\cdot\hat{\bullet}\cdot$.
To perform other actions on an entry, scroll to the entry and press Options to open the Phonebook Menu.
call entry
$\cdot\hat{\bullet}\cdot$ > 🔲 Contacts
Scroll to the entry you want to call and press $\textcircled{0}$.

features
edit entry
$\cdot\dot{\bullet}\cdot$ > $\boxed{C}$ Contacts
Scroll to the entry and press **Options**, then scroll to **Edit** and press **Select**.
delete entry
$\cdot\dot{\bullet}\cdot$ > $\boxed{C}$ Contacts
Scroll to the entry and press **Options**, then scroll to **Delete** and press **Select**.
copy entry
$\cdot\dot{\bullet}\cdot$ > $\boxed{C}$ Contacts
Scroll to the entry and press **Options**, then scroll to **Copy Entry** and press **Select**. Enter the target location number and press **Ok**.

features
copy multiple entries
$\cdot\dot{\bullet}\cdot$ > $\boxed{C}$ Contacts
Press **Options**, then scroll to **Copy Entries** and press **Select**.
In **From(start):**, enter the location number of the **first** entry in the range of entries to be copied, and press **Ok**.
In **From(end):**, enter the location number of the **last** entry in the range of entries to be copied, and press **Ok**.
In **To(start):**, enter the location number where you want to copy the range, and press **Ok**.
Press **Done** to copy the range of entries.

features

assign ringer ID to entry

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

$\cdot\hat{\bullet}\cdot$ > ⓒ Contacts

Scroll to the entry and press Options, then scroll to Edit and press Select.

Scroll to Ringer ID and press the center key $\cdot\hat{\bullet}\cdot$. Scroll to the desired setting and press Select or the center key $\cdot\hat{\bullet}\cdot$.

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

activate ringer IDs

Activate ringer IDs assigned to Contacts entries:

$\cdot\hat{\bullet}\cdot$ > 🔡 Settings > ♡ Ring Styles > *Style* Detail > Ringer IDs

features

set picture ID for entry

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

$\cdot\hat{\bullet}\cdot$ > ⓒ Contacts

Scroll to the entry and press Options, then scroll to Edit and press Select. Scroll to Picture and press the center key $\cdot\hat{\bullet}\cdot$. Scroll up or down to the desired picture and press Select or the center key $\cdot\hat{\bullet}\cdot$.

set speed dial number for entry

$\cdot\hat{\bullet}\cdot$ > ⓒ Contacts

Scroll to the entry and press Options, then scroll to Edit and press Select. Scroll to Speed No. and press the center key $\cdot\hat{\bullet}\cdot$. (If necessary, press 🔙 to delete an existing speed dial number.) Enter the new speed dial number and press Ok.

features

add more numbers or email addresses to entry

Enter additional phone numbers or email addresses to a **Contacts** entry:

·●· > **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit Contact** and press **Select**. Scroll down to **More** and press the center key ·●·, then scroll to **Phone Number** or **Email Address** and press **Select**.

set primary number

Set the primary number for a **Contacts** entry with multiple numbers:

·●· > **Contacts**

Scroll to the entry and press **Options**, then scroll to **Set Primary** and press **Select**. Scroll to the number to be set as the primary number and press **Select**.

features

view entries by picture or list

Set your phone to display **Contacts** entries with their picture IDs or as text only:

·●· > **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **View by** and press **Change**, then select **List** or **Picture** and press **Select**.

sort entries

Set the order in which entries are listed:

·●· > **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **Sort by** and press **Change**. Scroll to **Name**, **Speed No.**, or **Email**, and press **Select**. Press **Done** to save your setting.

features
check contacts memory space
$\cdot\hat{\bullet}\cdot$ > 🖃 Contacts
Press Options, then scroll to Ph Book Capacity and press Select.

features
create mailing list
Create a mailing list as a single phonebook entry:
$\cdot\hat{\bullet}\cdot$ > 🖃 Contacts > [New Entry] > Mailing List
Enter a name for the list and press Ok. Scroll to Members and press the center key $\cdot\hat{\bullet}\cdot$.
Scroll to each entry you want to add and press the center key $\cdot\hat{\bullet}\cdot$. When you are finished adding members, press Ok. Press Done to save the mailing list.
When you send a message to a mailing list, the message goes to all entries in that list.

features
add entries to mailing list
$\cdot\hat{\bullet}\cdot$ > 🖃 Contacts
Scroll to the desired mailing list name and press Options, then scroll to Edit and press Select.
Scroll to Members and press the center key $\cdot\hat{\bullet}\cdot$. Scroll to each entry you want to add and press the center key $\cdot\hat{\bullet}\cdot$. When you are finished adding members, press Ok. Press Done to save the mailing list.

personalize

voice commands

You can place calls and complete other actions by speaking commands to your phone.

1 Press and release the voice key on the right side of the phone.

Your phone displays and speaks **Say a command**, followed by a list of voice commands.

2 Say one of the commands listed in the following table. Your phone performs the corresponding action.

features
Name Dial
Place a call to a **Contacts** entry whose *name* you speak.
When speaking a name, say it exactly as listed for the entry. For example, to call the mobile number for an entry named BIll Smith, say "Call Bill Smith mobile." (If the entry includes only one number for Bill Smith, say "Call Bill Smith.")
Digit Dial
Place a call to a *number* you speak (by saying each digit).
Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.

features
Voicemail
Call your voicemail number.
Redial
Redial the last number you dialed.
Received
Go to the **Received** calls list.

adapt advanced speech recognition to your voice

For most people, Advanced Speech Recognition works well for voice dialing without any initial setup. However, if the phone is frequently unable to recognize numbers correctly when you use voice dialing, you may be able to improve your results by adapting it to your voice.

Note: If the phone is used by several people, reset voice dialing to the original setting before proceeding. This ensures that you are not saving your settings over someone else's.

Find it: $\langle\hat{\bullet}\rangle$ > $\underset{\boxminus\mathbb{X}}{\boxminus\mathbb{X}}$ Settings > Personalize > Voice Dial Setup > Adapt Digits

1 Press Start.

2 When the phone prompts you to say the first digit sequence, wait for the beep, then repeat the digits in a normal tone of voice.

3 If the recording sounds acceptable (no mistakes or background noises), say "Yes" or press Yes.

   or

   If the recording is not acceptable, say "No" or press No. When prompted to say the digits again, wait for the beep and say the digits again. The phone will prompt you to repeat this process with up to twelve additional sets of digits.

4 When the phone prompts, "More Adaptation?", press Yes to continue or No to end the process.

   When the adaptation process is complete, the phone will say "Adaptation Complete."

Tip: When adapting speech recognition to your voice:

   • Choose a quiet place for recording.

   • Wait for the beep before you speak.

   • Speak at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.

   • If you make a mistake while recording a sequence of digits, or if an unexpected noise spoils the recording, record that sequence again.

To reset speech recognition to the factory defaults:

Find it: $\langle\hat{\bullet}\rangle$ > $\underset{\boxminus\mathbb{X}}{\boxminus\mathbb{X}}$ Settings > Personalize > Voice Dial Setup > Reset Digits

more personalizing features

features
call & key volumes
$\langle\hat{\bullet}\rangle$ > $\underset{\boxminus\mathbb{X}}{\boxminus\mathbb{X}}$ Settings > Ring Styles > *Style* Detail
Scroll to Ring Volume or Key Volume and press Change.

features

greeting

Change the greeting that appears when you turn on your phone:

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Personalize > Greeting

scroll

Set the scroll bar to **Up/Down** or **Wrap Around** in menu lists:

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Initial Setup > Scroll

message alerts

Set whether or not you are alerted to messages while you are on a call:

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > In-Call Setup > MSG Alert

skin

Choose a phone *skin* that sets the look and feel of your phone's screen:

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Personalize > Skin

features

menu language

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Initial Setup > Language

show or hide menu icons

Show or hide menu icons in the home screen. (Press $\cdot\dot{Q}\cdot$ up, down, left, or right to open the menu for the corresponding menu icon.)

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Personalize > Home Screen > Home Keys > Icons

change home screen menu icons

Change the menu icons that display in the home screen. (Press $\cdot\dot{Q}\cdot$ up, down, left, or right to open the menu for the corresponding menu icon.)

$\cdot\hat{\bullet}\cdot$ > $\text{H}\%$ Settings > Personalize > Home Screen > Home Keys

Scroll to **Up**, **Down**, **Right**, or **Left**, and press **Change**, then select a menu.

other features—personalize **61**

features
change home screen soft key labels
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Personalize > Home Screen > Home Keys
Scroll to Left Soft Key or Right Soft Key and press Change, then select a menu or function.
menu view
Display the main menu as icons or a text list:
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Personalize > Main Menu > View
change menu order
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Personalize > Main Menu > Reorder
text layout
Set home screen text to be left justified or centered:
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Personalize > Home Screen > Layout

features
master reset
Reset all options except unlock code, security code, and lifetime timer:
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Initial Setup > Master Reset
To reset all options, you need to enter the Security Code (000000).
master clear
Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries:
Warning: This option erases all user-entered information in your phone memory, including Contacts entries and downloaded files. Once you erase the information, it cannot be recovered. It resets all options to their factory settings except for the unlock code, security code, and lifetime timer.
$\cdot\dot{\bullet}\cdot$ > $\overset{\text{o}}{\boxtimes}$ Settings > Initial Setup > Master Clear
To reset all options, you need to enter the Security Code (000000).

call times & data volumes

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 $\boxed{\odot}$. This time includes busy signals and ringing.

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

features
set in-call timer $\quad$ 🄰
$\hat{\bullet} >$ 🔢 Settings $>$ In-Call Setup $>$ In-Call Timer
Select Display or Beep.

features
view call times $\quad$ 🄰
$\hat{\bullet} >$ 🗔 Recent Calls $>$ Call Times
Scroll to Last Call, Dialed, Received, Roam Calls, Home Calls, All Calls, or Lifetime, and press Select.
view data times $\quad$ 🄰
$\hat{\bullet} >$ 🗔 Recent Calls $>$ Data Times
Scroll to Recent Data Session or All Data Sessions and press Select, then scroll to Internal Data Session, External Data Session, or Total Time, and press Select.
reset all data times $\quad$ 🄰
$\hat{\bullet} >$ 🗔 Recent Calls $>$ Data Times $>$ All Data Sessions $>$ Reset All
view data volumes $\quad$ 🄰
$\hat{\bullet} >$ 🗔 Recent Calls $>$ Data Volumes
Scroll to Recent Data Session or All Data Sessions and press Select, then scroll to Internal Data Session, External Data Session, or Total Data Transferred, and press Select.

other features—call times & data volumes **63**

features

reset all data times   Ⓐ

˙●˙ > 📇 Recent Calls > Data Times
> All Data Sessions > Reset All

handsfree

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

features

accessory volume settings (car kit or   ➕🎧
headset)

To adjust volume levels of a car kit accessory during
an active call, press your phone's up or down
volume keys.

features

external speakerphone   ➕🎧

To activate a connected external
speakerphone during a call, press the
smart/speakerphone key on the left side of the
phone.

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

features	
power-off delay (car kit)	⊕🔋
Set the phone to stay on for a period of time after the ignition is switched off:	
·◈· > ▒⅞ Settings > Car Settings > Power-off Delay	
charger time (car kit)	⊕🔋
Charge your phone for a specified time after vehicle ignition is switched off:	
·◈· > ▒⅞ Settings > Car Settings > Charger Time	

network

features	
view current network	⊕Ⓐ
·◈· > ▒⅞ Settings > Network	
With Current Network highlighted, press View.	

features	
adjust network settings	⊕Ⓐ
View network information and adjust network settings:	
·◈· > ▒⅞ Settings > Network	
Scroll to Set Mode and press Change.	
set service tones	⊕Ⓐ
Set phone to beep each time the network registration status changes:	
·◈· > ▒⅞ Settings > Network	
Scroll to Service Tone and press Change.	
set 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.)	
·◈· > ▒⅞ Settings > Network	
Scroll to Call Drop Tone and press Change.	

personal organizer

features
add datebook event $\widehat{\mathbb{A}^{9}}$
$\cdot\hat{\bullet}\cdot$ > $\mathscr{G}_{\!\!\!\!\circ}$ Tools > Datebook
Scroll to the desired day and press **Options**, then scroll to **New** and press **Select**.
view datebook event $\widehat{\mathbb{A}^{9}}$
View or edit event details:
$\cdot\hat{\bullet}\cdot$ > $\mathscr{G}_{\!\!\!\!\circ}$ Tools > Datebook
Scroll to the desired day and press the center key $\cdot\hat{\bullet}\cdot$, then scroll to the *event* and press the center key $\cdot\hat{\bullet}\cdot$.

features
event reminder $\widehat{\mathbb{A}^{9}}$
Press **View** to view an event reminder.
Press **Exit** to dismiss an event reminder.
copy datebook event $\widehat{\mathbb{A}^{9}}$
Copy a datebook event to another date and/or time:
$\cdot\hat{\bullet}\cdot$ > $\mathscr{G}_{\!\!\!\!\circ}$ Tools > Datebook
Scroll to the desired day and press the center key $\cdot\hat{\bullet}\cdot$, then scroll to the *event* and press **Options**. Scroll to **Copy** and press **Select**.
set alarm $\widehat{\mathbb{A}^{9}}$
$\cdot\hat{\bullet}\cdot$ > $\mathscr{G}_{\!\!\!\!\circ}$ Tools > Alarm Clock
turn off alarm $\widehat{\mathbb{A}^{9}}$
To turn off an alarm, press **Off** or $\boxed{\odot}$.

features
create voice record $\overset{\oplus}{\textcircled{A}}$
Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
$\dot{\bullet}$ > $\overset{\otimes}{\textcircled{}}$ Tools > Voice Records > [New Voice Record]
Press the center key $\dot{\bullet}$, then press and **hold** the voice key (on the right side of the phone) and begin recording. Release the voice key when finished.

play voice record $\overset{\oplus}{\textcircled{A}}$
$\dot{\bullet}$ > $\overset{\otimes}{\textcircled{}}$ Tools > Voice Records
Scroll to the voice record you want to play and press the center key $\dot{\bullet}$.

calculator $\overset{\oplus}{\textcircled{A}}$
Calculate numbers:
$\dot{\bullet}$ > $\overset{\otimes}{\textcircled{}}$ Tools > Calculator

features
convert currency $\overset{\oplus}{\textcircled{A}}$
$\dot{\bullet}$ > $\overset{\otimes}{\textcircled{}}$ Tools > Calculator
Press Options, then scroll to Exchange Rate and press Select. Enter the desired exchange rate and press Ok. Enter the amount to be converted am press Options. Scroll to Convert Currency and press Select.

security

features
lock application
$\dot{\bullet}$ > $\overset{\otimes}{\textcircled{}}$ Settings > Security > Lock Application
When prompted, enter the unlock code and press Ok. Then scroll to the application you want to lock and press Change.

features
control access to location function
Set up a location code to control access to the Location function (see page 31):
◆ > ⚙ Settings > Security > New Passwords > Location Code
control access to data transfer
Set up a code to control access to the phone's data transfer capabilities for outgoing data calls or incoming data or fax calls (see page 52):
◆ > ⚙ Settings > Security > Data Connection

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 1.40 W/kg, and when worn on the body, as described in this user guide, is 0.77 W/kg.[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.

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

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* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2007.

the relevant standards, always follow these instructions and precautions.

External Antenna Care

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

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

Product Operation

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

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

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our 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 health care provider.

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 use 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.

- Do not place a mobile device in the airbag deployment area.

Responsible driving practices can be found in the "Smart Practices While Driving" section in this user's guide and/or at the Motorola Web site: **www.motorola.com/callsmart**.

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.

Operational Warnings

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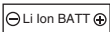
Potentially Explosive Atmospheres

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.
⊖ Li Ion BATT ⊕	Your mobile device contains an internal lithium ion battery.
☔	Do not let your battery, charger, or mobile device get wet.

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

Batteries and Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "Battery Use & Battery Safety" section in this user's guide.

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

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.

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.

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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.

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 and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. 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 and User's Guide

Product packaging and user's 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 and 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 which updates the device's security, install it as soon as possible.

- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in this user's guide.

  Note: For information on backing up your mobile device data before erasing it, go to **www.motorola.com** and then navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."

- **Understanding AGPS**—In order to comply with emergency caller location requirements of the FCC, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how 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

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.

- **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

U.S. patent Re. 34,976