HELLOMOTO

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

Left Soft Key
- Go online.

Volume Keys
- Select menu items.

Smart Key
- Make & answer calls.

Right Soft Key
- Read messages.
- Turn on & off, hang up, exit menus.

Go handsfree.

Charge up.

Open menus.

Navigate menus.
Press and hold the Power Key (•) for a few seconds or until the display lights up to turn on your phone.

Press the Menu (4) key to open the Main Menu.

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

Press the Center Key (○) to select it.

Exit Select Games & Apps
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menu map

main menu

Phonebook

Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times *
- Call Cost *
- Data Times *
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Messages
- Create Message
- Message Inbox
- Outbox
- Drafts
- MMS Templates
- Quick Notes
- Browser Mofs
- Info Services *
- Voicemail

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

Games & Apps

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

Multimedia
- Pictures
- Sounds
- Videos *

Ring Styles
- Style
- style Detail

Settings
- (see next page)

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

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

- Connection
  - Bluetooth® Link
  - Sync

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

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

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

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

- Headset
  - Auto-Answer
  - Voice Dial

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

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

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

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

* optional features
Use and Care

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

- **liquids of any kind**
  Don’t expose your phone to water, rain, extreme humidity, sweat, or other moisture.

- **dust and dirt**
  Don’t expose your phone to dust, dirt, sand, food, or other inappropriate materials.

- **extreme heat or cold**
  Avoid temperatures below -10°C/14°F or above 45°C/113°F.

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

- **microwaves**
  Don’t try to dry your phone in a microwave oven.

- **the ground**
  Don’t drop your phone.
essentials

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

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

Find it: Menu > Messages > Create Message
This means that, from the home screen:

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

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

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

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

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

battery

battery installation
battery removal

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

battery charging

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

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

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

battery tips

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

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature. When storing your battery, keep it uncharged in a cool, dark, dry place.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

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

Before using your phone, read the battery safety information in the “Safety and General Information” section included in the gray-edged pages at the back of this guide.
turn it on & off

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

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

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

make a call

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

To “hang up,” close the flip or press ⬜.

answer a call

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

To “hang up,” close the flip or press ⬜.

store a phone number

You can store a phone number in your Phonebook:

1. Enter a phone number in the home screen.
2. Press the Store key.
3 Enter a name and other details for the phone number. To select a highlighted item, press the center key.

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

4 Press the Done key to store the number.

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

To store an email address from the home screen, press M > Phonebook, then press M > New > Email Address.

call a stored phone number

**Find it:** M > Phonebook

1 Scroll to the phonebook entry.

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

2 Press c to call the entry.

your phone number

From the home screen, press M then # to see your number.

**Tip:** Want to see your phone number while you’re on a call? Press M > My Tel. Number.
You can edit the name and phone number stored on your SIM card. From the home screen, press M#, select an entry, press the View key, and press the Edit key. If you don’t know your phone number, contact your service provider.
main attractions

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

**Bluetooth® wireless**

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

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

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

*Note:* The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.
turn Bluetooth power on or off

Find it: 📧 > 📱 Settings > Connection
> Bluetooth Link > Setup > Power > On

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

use a headset or handsfree car kit

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

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

Your phone lists the devices it finds within range.

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

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

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

Tip: Want to know more about your headset or car kit? For specific information about a
device, refer to the instructions that came with it. For more Bluetooth support, see: www.motorola.com/Bluetoothsupport

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

Note: You can’t copy some copyrighted objects.

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

2 Press ⌘, then select:
   • Manage > Copy for media files.
   • Share Phonebook Entry for phonebook entries.
   • Send for datebook events.

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

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

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

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

1. Place your phone near the device, and send the file from the device.
   If your phone and the sending device don’t recognize each other, place your phone in discoverable mode so the sending device can locate it. Press > Settings > Connection > Bluetooth Link > Setup > Find Me.

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

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

advanced Bluetooth features

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

<table>
<thead>
<tr>
<th>features</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>make phone visible to other device</td>
<td>Allow a Bluetooth device to discover your phone: &gt; Settings &gt; Connection &gt; Bluetooth Link &gt; Setup &gt; Find Me</td>
</tr>
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</table>
### Features

<table>
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<th>Connect to Recognized Device</th>
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<tbody>
<tr>
<td>Connect your phone to a recognized handsfree device:</td>
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<td>&gt; &gt; &gt; Settings &gt; Connection</td>
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<tr>
<td>&gt; Bluetooth Link &gt; Handsfree</td>
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<td>&gt; device name</td>
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</table>

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<tr>
<th>Drop Connection with Headset or Handsfree Device</th>
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<tbody>
<tr>
<td>Scroll to the device name and press the Drop key.</td>
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</table>

<table>
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<tr>
<th>Switch to Headset or Handsfree Device during Call</th>
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<tbody>
<tr>
<td>During a call, press &gt; &gt; &gt; Use Bluetooth to switch to a recognized headset or car kit.</td>
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<th>Move Multimedia Object to Device</th>
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<tbody>
<tr>
<td>Caution: Moving an object deletes the original object from your phone.</td>
</tr>
<tr>
<td>Scroll to the object, press &gt; &gt; &gt; Move, select the device name.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Copy Multimedia Object to Device</th>
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</thead>
<tbody>
<tr>
<td>Scroll to the object, press &gt; &gt; &gt; Copy, select the device name.</td>
</tr>
</tbody>
</table>
play videos

Find it:  > Multimedia > Videos
> video name

The video clip plays:

To download a video with the micro-browser, see page 61. You can also attach videos to multimedia messages.
multimedia messages
To create a group mailing list, see page 51. For more message features, see page 52.

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

Find it: 📧 > Create Message > New Multimedia Msg

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

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

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

3 Choose one or more people for Send To:
To select a phonebook entry, scroll to the entry and press the center key.
Repeat to add other phonebook entries.
To enter a new number or email address, scroll to [New Number] or [New Email Address] and press the center key.

4 To send the message, press the Send key.
Before you send a message, press 📧 to choose Save to Drafts, Abort Message, or open Message Options (such as message Subject or CC addresses).
receive a multimedia message

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

Press the Read key to open the message.

If a multimedia message contains media objects:

- Photos, pictures, and animations show as you read the message.
- A sound file plays when its slide shows. Use the volume keys to adjust the sound volume.
- Attached files are added to the end of the message. To open an attachment, scroll to the file indicator/filename and press the View key (image), Play key (sound), or Open key (phonebook vCard, datebook vCalendar entry, or unknown file type).

Note: In a multimedia letter, you may have to scroll to an indicator in the text to play a sound file.

cable connections

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

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

- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.
• Use your phone as a modem to connect to the Internet.

• Use your phone to send and receive data calls from your computer or handheld device.

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

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**phone updates**

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

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

See page 1 for a basic phone diagram.

display

The home screen shows when you turn on the phone.

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

To dial a number from the home screen, press number keys and 6.

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

Press the menu key 3 to open the menu. Soft Key Labels show the current soft key functions. For soft key locations, see page 1.
Status indicators can show at the top of the home screen:

1. **Signal Strength Indicator** – Vertical bars show the strength of the network connection. You can’t make or receive calls when ![ ] or ![ ] shows.

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

3. **Data Indicator** – Shows connection status.

   - ![ ] = secure packet data transfer
   - ![ ] = unsecure packet data transfer
   - ![ ] = secure application connection
   - ![ ] = unsecure application connection
   - ![ ] = secure Circuit Switch Data (CSD) call
   - ![ ] = unsecure CSD call
   - ![ ] = Bluetooth® connection is active

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

   - ![ ] = 2G home
   - ![ ] = 2G roam
   - ![ ] = 2.5G home
   - ![ ] = 2.5G roam
   - ![ ] = 2.5G roam
5 **Active Line Indicator** – Shows ø to indicate an active call, or ø to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

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

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

- ø = text message
- ø = voicemail message
- ø = voicemail & text message

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

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

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

Some features let you enter text.

For indicator descriptions, see following section.

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

Press the Cancel key to exit without making changes.

Flashing cursor indicates insertion point.

Press \# to open sub-menu.

After you enter text, press the Send To key to enter recipients.

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

<table>
<thead>
<tr>
<th>Entry modes</th>
</tr>
</thead>
<tbody>
<tr>
<td># or 1</td>
</tr>
<tr>
<td># or 2</td>
</tr>
<tr>
<td>6e Numeric</td>
</tr>
<tr>
<td>6a Symbol</td>
</tr>
</tbody>
</table>

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

iTAP® and Tap mode tips

- Press \# in a text entry view to change text case to all capital letters (\#B), no capitals (\#b), or next letter capital (\#b).
To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP or Tap mode.

- Press 1 to enter punctuation or other characters.
- Press * to move the flashing cursor to enter or edit message text.
- To cancel your message, press C.

iTAP® mode
Press # in a text entry view to switch to iTAP mode. If you don’t see j or p, press M &gt; Entry Setup to set iTAP mode as your primary or secondary text entry mode.

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

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

```
Press the Delete key to delete the last letter.
Press the Select key to lock the highlighted combination.
```

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

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

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

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

When you enter three or more characters in a row, your phone may guess the rest of the
word. For example, if you enter Prog your display might show:

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

**numeric mode**

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

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

**symbol mode**

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

**volume**

Press the volume keys to:

- turn off an incoming call alert

basics 31
• change the earpiece volume during calls
• change the ringer volume from the home screen

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

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

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

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

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

1. Press a volume key to see Ring Styles.
2. Press the smart key repeatedly, until the style you want appears.
3. Press a volume key to return to the home screen.

handsfree speaker

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

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

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

codes & passwords

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

Find it: 📱 > 📌 Settings > Security > New Passwords

You can also change your SIM PIN password.

If you forget your unlock code: At the Enter Unlock Code prompt, try entering 1234 or the last four digits of your phone number. If that doesn’t work, press 📱 and enter your six-digit security code instead.
If you forget other codes: If you forget your security code, SIM PIN code, or PIN2 code, contact your service provider.

lock & unlock phone

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

To manually lock your phone:
Press > Settings > Security > Phone Lock > Lock Now.

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

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

ing ring style

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

- Loud
- Vibrate
- Vibe Then Ring
- Soft
- Vibe & Ring
- Silent

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

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

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

change alerts in a ring style

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

Find it: Phone > Ring Styles > style Detail

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

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

3 Press the Back key to save the alert setting.

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

time & date

Your phone needs the time and date for the datebook.

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

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

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

wallpaper

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

Find it: > > > Settings > Personalize > Wallpaper

<table>
<thead>
<tr>
<th>options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picture</td>
<td>Press - up or down to select a picture, or select None for no wallpaper.</td>
</tr>
<tr>
<td>Layout</td>
<td>Select Center to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.</td>
</tr>
</tbody>
</table>
screen saver

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

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

Find it:  M > Settings > Personalize > Screen Saver

<table>
<thead>
<tr>
<th>options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picture</td>
<td>Press ‡ up or down to select a picture or animation, or select None for no screen saver.</td>
</tr>
<tr>
<td>Delay</td>
<td>Select the length of inactivity before the screen saver shows.</td>
</tr>
</tbody>
</table>

display appearance

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

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

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

Press  M > Settings > Initial Setup > Backlight.

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

To save battery life, the display can turn off when you’re not using your phone. The display turns back on when you open the flip.
or press any key. To set how long your phone waits before the display turns off:
Press $\text{Menu} > \text{Settings} > \text{Initial Setup}$
$\text{Display Timeout}$.

**Note:** Your phone has a light sensor near the $\text{keypad}$ key.
To save battery life, the keypad only lights up when you press keys in a dark room.

**answer options**

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

**Find it:** $\text{Menu} > \text{Settings} > \text{In-Call Setup}$
$\text{Answer Options}$

<table>
<thead>
<tr>
<th>options</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Key</td>
<td>Answer by pressing any key.</td>
</tr>
<tr>
<td>Open to Answer</td>
<td>Answer by opening the flip.</td>
</tr>
</tbody>
</table>
calls

To make and answer calls, see page 13.

turn off a call alert

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

recent calls

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

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

Find it: 📞 > 📲 Recent Calls
> Received Calls or Dialed Calls

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

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

<table>
<thead>
<tr>
<th>options</th>
<th>Store</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a phonebook entry with the number in the No. field. Store does not appear if the number is already stored.</td>
<td></td>
</tr>
</tbody>
</table>
Press \[\text{N}\] from the home screen to see a list of recent calls.

1. Scroll to the entry you want to call, then press \[\text{N}\].

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

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

1 Press the View key to see the received calls list.
2 Scroll to the call you want to return, then press ( )

caller ID

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

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

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

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

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone’s preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be
place due to network, environmental, or interference issues.

1. Press the keypad keys to dial the emergency number.
2. Press 📞 to call the emergency number.

Voicemail

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

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

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

To check voicemail messages:

Find it: 📷 > Voicemail

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

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

42 calls
other features

advanced calling

features

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

Note: To speed dial phonebook entries 10 and above, see “speed dial” on page 44. To add a new phonebook entry, see page 13. To edit the Speed No. for a phonebook entry, see page 50.

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

#### speed dial
Speed dial a phonebook entry:
- Enter the speed dial number, press `#`, then press `0`.

**Note:** To 1-touch dial phonebook entries 1 through 9, see “1-touch dial” on page 43.
- To add a new phonebook entry, see page 13. To edit the Speed No. for a phonebook entry, see page 50.
- **Tip:** If you forget Aunt Mildred’s speed dial number, press `0` > Phonebook, scroll to her entry, and press the center key.

#### attach a phone number
Dial an area code or prefix for a phonebook number, then press `0` > Attach Number.

### features

#### notepad
The last number you entered is stored in the **notepad**. You can use the notepad to “jot down” a number during a call for later use. To see the notepad:
- Press `0` > Recent Calls > Notepad.
- To call the number, press `0`.
- To create a phonebook entry with the number in the No. field, press the Store key.
- To open the Dialing Menu to attach a number or insert a special character, press `0`.
<table>
<thead>
<tr>
<th>features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>international calls</strong></td>
</tr>
<tr>
<td>If your phone service includes international dialing, press and hold 0 to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.</td>
</tr>
<tr>
<td><strong>hold a call</strong></td>
</tr>
<tr>
<td>Press M &gt; Hold to put all active calls on hold.</td>
</tr>
<tr>
<td><strong>mute a call</strong></td>
</tr>
<tr>
<td>Press M &gt; Mute to put all active calls on mute.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>call waiting</strong></td>
</tr>
<tr>
<td>When you’re on a call, you’ll hear an alert if you receive a second call. Press 6 to answer the new call.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>• To switch between calls, press the Switch key.</td>
</tr>
<tr>
<td>• To connect the two calls, press the Link key.</td>
</tr>
<tr>
<td>• To end the call on hold, press M &gt; End Call On Hold.</td>
</tr>
<tr>
<td>To turn the call waiting feature on or off, press M &gt; Settings &gt; In-Call Setup &gt; Call Waiting &gt; On or Off.</td>
</tr>
</tbody>
</table>
### conference call
During a call:
Dial next number, press 6, press the Link key.

### transfer a call
During a call:
M > Transfer, dial transfer number, press 6

### call forwarding
Set up or cancel call forwarding:
M > Settings > Call Forward

### restrict calls
Restrict outgoing or incoming calls:
M > Settings > Security > Restrict Calls
Tell your phone to allow All, None, or only the calls from your Phonebook.

### call barring
Restrict outgoing or incoming calls:
M > Settings > Security > Call Barring

### TTY calls
Set up your phone for use with an optional TTY device:
M > Settings > Initial Setup > TTY Setup

### change phone line
If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.
M > Settings > Phone Status > Active Line
The active line indicator shows the active phone line (see page 27).
### Fixed Dial

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

**Turn fixed dialing on or off:**

- **Main Menu** > Settings > Security > Fixed Dial

**Use the fixed dial list:**

- **Main Menu** > Tools > Dialing Services > Fixed Dial

### Quick Dial

Dial preprogrammed phone numbers:

- **Main Menu** > Tools > Dialing Services > Quick Dial

### DTMF Tones

Activate DTMF tones:

- **Main Menu** > Settings > Initial Setup > DTMF

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

<table>
<thead>
<tr>
<th>features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>edit or delete a phonebook entry</strong></td>
</tr>
<tr>
<td>Edit a number stored in the phonebook:</td>
</tr>
<tr>
<td><strong>M &gt; Phonebook</strong>, scroll to the phonebook entry, and press <strong>M</strong>. You can select <strong>Edit</strong>, <strong>Delete</strong>, or other options.</td>
</tr>
<tr>
<td><strong>Shortcut:</strong> In the phonebook, press keypad keys to enter the first letters of an entry name, then press the <strong>Search</strong> key to jump to the entry.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>record voice name for a phonebook entry</strong></td>
</tr>
<tr>
<td>When creating a phonebook entry, scroll to <strong>Voice Name</strong> and press the <strong>Record</strong> key. Press the <strong>Record</strong> key again and say the entry’s name (within two seconds). When prompted, press the <strong>Record</strong> key and repeat the name.</td>
</tr>
<tr>
<td><strong>Note:</strong> The <strong>Voice Name</strong> option isn’t available for entries stored on the SIM card.</td>
</tr>
</tbody>
</table>
### Voice Dial a Phonebook Entry
Voice dial a number stored in the phonebook:

- Press `„` > Tools > Dialing Services > Voice Dial

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

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

### Set Ringer ID for a Phonebook Entry
Assign a ring alert (ringer ID) to an entry:

- Press `„` > Phonebook > entry, then press
- Press `„` > Edit > Ringer ID > ringer name

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

Activate ringer IDs:

- Press `„` > Ring Styles > style Detail > Ringer IDs

### Set Picture ID for a Phonebook Entry
Assign a photo or picture to show when you receive a call from an entry:

- Press `„` > Phonebook > entry, then press
- Press `„` > Edit > Picture > picture name

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

#### set picture ID view for phonebook
Show entries as a text list, or with picture caller ID photos:

1. Press \(\text{M}\) > \(\text{Phonebook}\), then press \(\text{M}\) > \(\text{Setup}\)
2. Press \(\text{View by}\) > \(\text{view name}\)

#### set category for a phonebook entry

1. Press \(\text{M}\) > \(\text{Phonebook}\) > \(\text{entry}\), then press \(\text{M}\) > \(\text{Edit}\) > \(\text{Category}\) > \(\text{category name}\)

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

#### set category view for phonebook

1. Press \(\text{M}\) > \(\text{Phonebook}\), then press \(\text{M}\) > \(\text{Categories}\) > \(\text{category name}\)

You can show All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you create.

---

### features

#### set speed number for a phonebook entry

Set the Speed No. for an entry:

1. Press \(\text{M}\) > \(\text{Phonebook}\), scroll to the entry, and press \(\text{M}\) > \(\text{Edit}\) > \(\text{Speed No.}\)

To speed dial an entry, enter the speed dial number, press \(\#\), then press \(\text{Call}\). To use 1-touch dial, see page 43.
### set primary number or address for a phonebook entry

Set the primary number for an entry with multiple numbers:

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

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

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

### create group mailing list

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

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

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

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

Set the order in which entries are listed:

- Go to Phonebook, then press
- Go to Setup > Sort by > sort order

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

Copy one phonebook entry

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

- Go to Phonebook, scroll to the entry, press
- Go to Copy > Entries > To

send phonebook entry to another device

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

- Go to Phonebook, scroll to the entry, press
- Go to Share Phonebook Entry

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

messages

For basic multimedia message features, see page 22.

send text message

- Go to Create Message > New Short Msg
### features

#### use a multimedia template
Open a multimedia message with preloaded animations:

![Icon](image1)

Text: Create Message > MMS Templates

#### read and manage messages
View messages, and indicate if they are read or unread:

- Click to go to Message Inbox

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

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

### features

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

- Click to store message objects

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

- Click to store text messages on your SIM card

#### browser messages
Read messages received by your micro-browser:

- Click to browse messages

---

Text: other features—messages 53
personalizing

features

info services
Read subscription-based information services messages:

language
Set menu language:

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

features

activate ringer IDs
Activate ringer IDs assigned to phonebook entries and categories:

ring volume

keypad volume

reminders
Set reminder alerts for messages that you receive:
### menu view
Show the main menu as graphic icons or as a text-based list:

- **M > Settings > Personalize > Main Menu > View**

### main menu
Reorder your phone’s main menu:

- **M > Settings > Personalize > Main Menu > Reorder**

### show/hide menu icons
Show or hide menu feature icons in the home screen:

- **M > Settings > Personalize > Home Screen > Home Keys > Icons**

### change home keys
Change features for the soft keys, navigation key, and smart key in the home screen:

- **M > Settings > Personalize > Home Screen > Home Keys**

### shortcuts
Create a shortcut to a menu item:

Scroll to the menu item, then press and hold **M**.

Use a shortcut:

Press **M**, then press the shortcut number.

### master reset
Reset all options except unlock code, security code, and lifetime timer:

- **M > Settings > Initial Setup > Master Reset**
features

master clear

Caution: Master clear erases all information you have entered (including phonebook and datebook entries) and content you have downloaded (including photos and sounds) stored in your phone’s memory. After you erase the information, you can’t recover it.

Caution: Master clear erases all information you have entered (including phonebook and datebook entries) and content you have downloaded (including photos and sounds) stored in your phone’s memory. After you erase the information, you can’t recover it.

master clear

Caution: Master clear erases all information you have entered (including phonebook and datebook entries) and content you have downloaded (including photos and sounds) stored in your phone’s memory. After you erase the information, you can’t recover it.

call times & costs

Network connection time is the elapsed time from the moment you connect to your service provider’s network to the moment you end the call by pressing (1. This time includes busy signals and ringing.

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

**Note:** The use of wireless phones while driving may cause distraction. Discontinue a call if you can’t concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

<table>
<thead>
<tr>
<th>features</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>speakerphone</strong></td>
<td></td>
</tr>
<tr>
<td>Activate the speakerphone during a call:</td>
<td></td>
</tr>
<tr>
<td>Press the Speaker key (if available, or &gt; Sphrphone On).</td>
<td></td>
</tr>
<tr>
<td><strong>auto answer</strong> (car kit or headset)</td>
<td></td>
</tr>
<tr>
<td>Automatically answer calls when connected to a car kit or headset:</td>
<td></td>
</tr>
<tr>
<td>&gt; Settings &gt; Car Settings or Headset &gt; Auto Answer</td>
<td></td>
</tr>
<tr>
<td><strong>voice dial</strong> (headset)</td>
<td></td>
</tr>
<tr>
<td>Enable voice dial with headset send/end key:</td>
<td></td>
</tr>
<tr>
<td>&gt; Settings &gt; Headset &gt; Voice Dial</td>
<td></td>
</tr>
<tr>
<td><strong>auto handsfree</strong> (car kit)</td>
<td></td>
</tr>
<tr>
<td>Automatically route calls to a car kit when connected:</td>
<td></td>
</tr>
<tr>
<td>&gt; Settings &gt; Car Settings &gt; Auto Handsfree</td>
<td></td>
</tr>
</tbody>
</table>
data & fax calls

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

<table>
<thead>
<tr>
<th>features</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>send data or fax</td>
<td></td>
</tr>
<tr>
<td>Connect your phone to the device, then place the call through the device application.</td>
<td></td>
</tr>
<tr>
<td>receive data or fax</td>
<td></td>
</tr>
<tr>
<td>Connect your phone to the device, then answer the call through the device application.</td>
<td></td>
</tr>
<tr>
<td>talk then fax</td>
<td></td>
</tr>
<tr>
<td>Connect your phone to the device, enter fax number, press M &gt; Talk then Fax, then press N to make the call.</td>
<td></td>
</tr>
</tbody>
</table>

network

features

network settings
See network information and adjust network settings:

1 > 8 Settings > Network

software update
Your service provider can send updated phone software over the air to your phone. When your phone receives a software update, you can choose to install it later. To install the software update later:

1 > 8 Settings > Phone Status > Software Update > Install Now
personal organizer

features

set alarm

(turn off alarm)

When an alarm happens:
To turn off the alarm, press the Disable key or . To set an eight-minute delay, press the Snooze key.

Note: The Snooze key is available only if the phone is already powered on when the alarm sounds.

add new datebook event

(send datebook event to another device)

features

see datebook event

See or edit event details:

(event reminder)

When an event reminder happens:
To see reminder details, press the View key. To close the reminder, press the Exit key.

send datebook event to another device

Send a datebook event to another phone, computer, or device:

(calculator)

other features—personal organizer 59
features

currency converter

> Tools > Calculator, then press

> Exchange Rate

Enter exchange rate, press the OK key, enter amount, and press > Convert Currency.

security

SIM PIN

Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled and your display shows SIM Blocked.

Lock or unlock the SIM card:

> > Settings > Security > SIM PIN

features

lock feature

> > Settings > Security > Lock Application

manage certificates

Enable or disable Internet access certificates stored on your phone:

> > Settings > Security > Certificate Mgmt

Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

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

**view, delete, or manage pictures**
Manage photos, pictures, and animations:

- \( \text{Menu} \rightarrow \text{Multimedia} \rightarrow \text{Pictures} \)

**view, delete, or manage video clips**
Manage photos, pictures, and animations:

- \( \text{Menu} \rightarrow \text{Multimedia} \rightarrow \text{Videos} \)

**hear, delete, or manage sounds**
Manage ring tones and music that you have downloaded or composed:

- \( \text{Menu} \rightarrow \text{Multimedia} \rightarrow \text{Sounds} \)

**create ring tones**
Create ring tones that you can use with your phone:

- \( \text{Menu} \rightarrow \text{Multimedia} \rightarrow \text{Sounds} \rightarrow \text{[New iMelody]} \)

**start micro-browser**
Just press \( \text{L} \).

---

features

**download objects from Web page**
Download a picture, sound, or other object from a Web page:

- Press \( \text{L} \), go to the page that links to the file, scroll to the link, and select it.

**Web sessions**
A Web Session stores settings that your phone uses to access the Internet. To select or create a Web session:

- \( \text{Menu} \rightarrow \text{Web Access} \rightarrow \text{Web Sessions} \)

Note: Normal airtime and/or carrier usage charges apply.
### download game or application

You can download a Java™ game or application the same way you download pictures or other objects:

Press \( \text{L} \), go to the page that links to the file, scroll to the link, and select it.

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

### start game or application

Start a Java™ game or application:

\( \text{M} > \text{Games & Apps} \), scroll to the game or application, press the center key •.
service and repairs

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

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

This model wireless phone meets the government’s requirements for exposure to radio waves.

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

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

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

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:
http://www.phonefacts.net
or the Canadian Wireless Telecommunications Association (CWTA) Web site:
http://www.cwta.ca

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.
European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

The above gives an example of a typical Product Approval Number. You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the web site.
Important Safety and Legal Information
Safety and General Information

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

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

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

External Antenna Care

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

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

Product Operation

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

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

* The information provided in this document supersedes the general safety information in user’s guides published prior to May 1, 2006.
When using any data feature of the mobile device, with or without an accessory cable, position the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body.

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Pacemakers

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

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.
Driving Precautions
Check the laws and regulations on the use of mobile devices in the area where you drive. Always obey them.
When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue a call if you can’t concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

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

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

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

Potentially Explosive Atmospheres
Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.
When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products
If your mobile device or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers
If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. Use only Motorola Original batteries and chargers.

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or mobile device may contain symbols, defined as follows:
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: convolution, 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

<table>
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<th>Definition</th>
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<tr>
<td>⚠️</td>
<td>Important safety information follows.</td>
</tr>
<tr>
<td>☠️</td>
<td>Do not dispose of your battery or mobile device in a fire.</td>
</tr>
<tr>
<td>⚡️</td>
<td>Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.</td>
</tr>
<tr>
<td>✖️</td>
<td>Do not throw your battery or mobile device in the trash.</td>
</tr>
<tr>
<td>🔋</td>
<td>Your mobile device contains an internal lithium ion battery.</td>
</tr>
<tr>
<td>⚠️</td>
<td>Do not let your battery, charger, or mobile device get wet.</td>
</tr>
<tr>
<td>⚠️</td>
<td>Listening at full volume to music or voice through a headset may damage your hearing.</td>
</tr>
</tbody>
</table>
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**

![Caution Symbol]

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

**Repetitive Motion**

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.
Industry Canada Notice to Users

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

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

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

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

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

What Does this Warranty Cover?

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

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

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

<table>
<thead>
<tr>
<th>Products Covered</th>
<th>Length of Coverage</th>
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</thead>
<tbody>
<tr>
<td>Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).</td>
<td>Ninety (90) days from the date of purchase.</td>
</tr>
</tbody>
</table>
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

<table>
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<tr>
<th>USA</th>
<th>Phones</th>
<th>1-800-331-6456</th>
</tr>
</thead>
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<tr>
<td>USA</td>
<td>Pagers</td>
<td>1-800-548-9954</td>
</tr>
<tr>
<td>USA</td>
<td>Two-Way Radios and Messaging Devices</td>
<td>1-800-353-2729</td>
</tr>
<tr>
<td>Canada</td>
<td>All Products</td>
<td>1-800-461-4575</td>
</tr>
<tr>
<td>TTY</td>
<td></td>
<td>1-888-390-6456</td>
</tr>
</tbody>
</table>

For Accessories and Software, please call the telephone number designated above for the product with which they are used.

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

Any implied warranties, including without limitation the implied warranties of merchantability and fitness for a particular purpose, shall be limited to the duration of this limited warranty, otherwise the repair, replacement, or refund as provided under this express limited warranty is the exclusive remedy of the consumer, and is provided in lieu of all other warranties, express or implied. In no event shall Motorola be liable, whether in contract or tort (including negligence) for damages in excess of the purchase price of the product, accessory or software, or for any indirect, incidental, special or consequential damages of any kind, or loss of revenue or profits, loss of business, loss of information or data, software or applications or other financial loss arising out of or in connection with the ability or inability to use the products, accessories or software to the full extent these damages may be disclaimed by law.

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

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

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

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

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

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

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

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

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

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

Source: WHO Fact Sheet 193
Further information: http://www.who.int/peh-emf

Product Registration

Online Product Registration:
direct.motorola.com/hellomoto/
Motosupport/source/registration.asp

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

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

Thank you for choosing a Motorola product.
Export Law Assurances

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

Wireless: The New Recyclable

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

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

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

recycling.motorola.young-america.com/index.html
California Perchlorate Label

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

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

There is no special handling required by consumers.
Smart Practices While Driving

**Drive Safe, Call Smart SM**

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

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

- Get to know your Motorola mobile device and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
- When available, use a handsfree device. If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- 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.*

* Wherever wireless phone service is available.
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