



motorola **W385**

**User's Guide**



# HELLOMOTO

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Thanks for purchasing the Motorola W385 CDMA wireless phone! It's a hot-looking phone that's affordable to own.

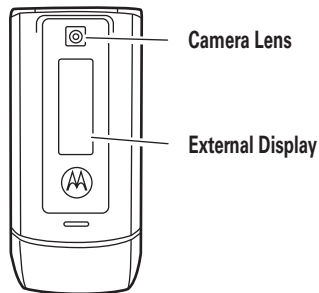
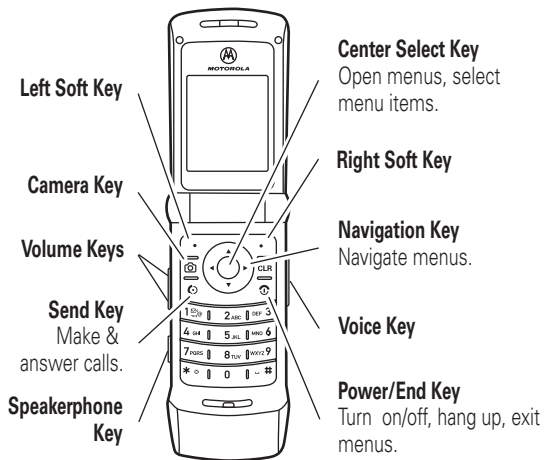
**My Phone, My Way** — It's your phone—make it that way. Customize your home screen with personal pictures, change wallpapers, and use your favorite song as your ringtone.

**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.

**Cool Vertical 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.



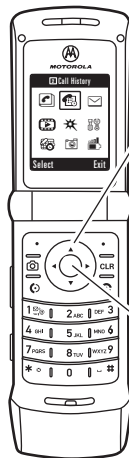
## Home Screen




**1** Press & hold the **Power Key** , or until the display lights up, to turn on your phone.

**2** Press the **Center Key**  to open the Main Menu.

## Main Menu



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

**4** Press the **Center Key**  to select the option.

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1-800-461-4575 (Canada)

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# menu map

## main menu



### Contacts



### Call History

- Received
- Dialed
- Notepad
- Call Times\*
- Data Times\*
- Data Volumes\*



### Messaging

- Voicemail
- Create Message
- Message Inbox
- Drafts
- Outbox
- Templates
- Browser Alerts



### Media Gallery

- Pictures
- Sounds



### SPARK

- Downloads
- Wireless Web
- Games/Apps



### Settings

- (see next page)



### Utilities

- Calculator
- Scheduler
- Voice Memos
- Alarm Clock
- Airplane Mode



### Camera



### Phone Info

- My Tel. Number
- Active Line
- Battery Meter
- Other Information

\* Optional feature

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

- Prepend '1'
- In-Call Timer
- Answer Options
- Msg Alert



### Security

- Phone Lock
- External Key Lock
- Lock Application
- Restrict Calls
- New Passwords



### Initial Setup

- SpeakerPhone
- Auto Redial
- Display Timeout
- Backlight
- Power Tone
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- External Display
- DTMF
- Hyphenation
- Master Reset
- Master Clear



### Network

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



### 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



### Apps Settings

# 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. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



## **extreme heat or cold**

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



## **microwaves**

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



## **dust and dirt**

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



## **cleaning solutions**

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



## **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:**  >  Call History > Dialed

This means that, from the home screen:

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

- 2 Press the *navigation key*  to scroll to  Call History, and press the center key  to select it.
- 3 Press the navigation key  to scroll to **Dialed**, and press the center key  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.

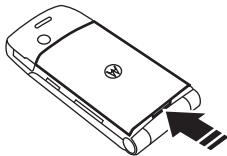
Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

### To save battery life:

- Adjust the backlight to turn off more quickly (see page 60).
- Turn off Bluetooth® power when you aren't using it (see page 46).

## install the battery

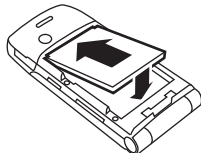
1



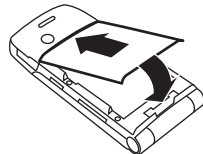
2



3



4



## charge the battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and

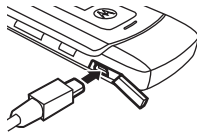
charge the battery. Some batteries perform best after several full charge/discharge cycles.

### 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 the 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 .

## answer a call

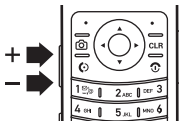
When your phone rings and/or vibrates, open the flip or press  to answer.

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 ringer volume when the home screen is visible (with the flip open)
- turn off an incoming call alert



## change the call ring style

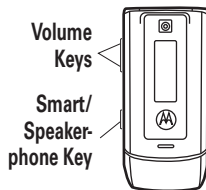
### flip open

From the home screen, press the down volume key to switch to a lower call ring volume, then vibrate, and finally silent (no ring). 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 ring styles: **Loud, Soft, Vibrate, Vibrate then Ring,** and **Silent**. Ring styles are shown on the external display.



After scrolling to the desired ring style, press the up or down volume key to save the setting and return to the home screen.



## view your phone number



**Find it:**  >  Phone Info > My Tel. Number

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

## call a stored phone number

**Find it:**  >  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 can also press  and  to see the entries you use frequently, or entries in other categories.



- 2 Press  to call the entry.

# tips & tricks

---

**From the home screen** (page 17), you can use these shortcuts:

To...	Do this...
<b>see your phone number</b>	Press   .
<b>redial a number</b>	Press  , then scroll to the number you want to call and press  again.
<b>turn off a call alert</b>	Press the volume keys to turn off a call alert before answering the call.

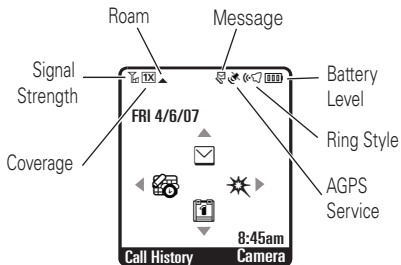
To...	Do this...
<b>use menu shortcuts</b>	If you see menu icons in the middle of your home screen, press  left, right, up, or down to open the menu for the corresponding icon (see page 19).
<b>store a phone number</b>	Enter a phone number, and press <b>Store</b> . Enter a name and other details for the phone number. (To select a highlighted item, press the center key  .) Press <b>Done</b> to store the number and other 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 2.







Status indicators can show at the top of the home screen. (Indicators and alerts are discussed in the next section.)

## system status indicators

indicator		
	<b>Signal Strength</b>	Vertical bars show the strength of the network connection.
	<b>Roaming</b>	Phone is in digital coverage area and is roaming off network.

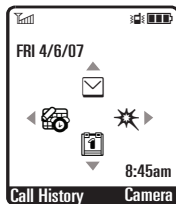
indicator	
 <b>Digital</b>	Phone is in CDMA digital coverage area.
 <b>1X</b>	Phone is in a 1x-RTT coverage area.
 <b>Missed Call</b>	You received an unanswered call.
 <b>Data Call, Tethered, or Embedded WAP/BREW Application</b>	Shows during data call, tethered mode, or WAP/BREW application.
 <b>No Service</b>	Phone is in area with no service coverage.
 <b>TTY</b>	Phone is in TTY mode (see page 49).


indicator	
 <b>Voice Call/Incoming Call</b>	Shows during an active voice call.
 <b>Location Off</b>	Location is set to <b>Off</b> .
 <b>Location On</b>	Location is set to <b>Location On</b> .
 <b>Phone Locked</b>	Phone is locked.
 <b>Battery Level</b>	Battery charge level. The more bars, the greater the charge.
 <b>Sounds Loud</b>	Style (in <b>Ring Styles</b> ) is set to <b>Loud</b> .
 <b>Sounds Soft</b>	Style (in <b>Ring Styles</b> ) is set to <b>Soft</b> .
 <b>All Sounds Off</b>	Style (in <b>Ring Styles</b> ) is set to <b>Silent</b> .

indicator	
 <b>Vibrate On</b>	Style (in Ring Styles) is set to <b>Vibrate</b> .
 <b>Sound on, Vibrate On</b>	Style (in Ring Styles) is set to <b>Vibe then Ring</b> .
<b>Speakerphone On</b>	Speakerphone is on.
 <b>New Text Message</b>	You have a new text message.
 <b>New Voicemail Message</b>	You have a new voicemail message.
 <b>Airplane Mode</b>	<b>Airplane Mode</b> is turned on. (You cannot make or answer calls, but you can use other non-calling features of your phone.)
 <b>Bluetooth Connection Active</b>	Your phone is paired to another Bluetooth® device.

## menu shortcuts

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



Press  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 choose not to display icons in the home screen (see page 61).

# enter text

## 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.
Numeric	Enter numbers only (see page 23).
Symbol	Enter symbols only (see page 23).
Secondary	Enter text using the method you set.

### To set up Primary or Secondary entry mode:

- 1 Press **Options** in any text entry screen.
- 2 Scroll to **Text Setup** and press **Select**.
- 3 Scroll to **Primary Text** or **Secondary Text** and press **Change**.

- 4 Scroll to one of these methods and press **Select**:

entry method	
iTAP English	Phone predicts English words as you press keys (see page 22).
iTAP Français	Phone predicts Spanish words as you press keys.
Tap English	Enter letters and numbers by pressing a key one or more times (see page 21).
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times (see page 21).

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





When you select **Primary** or **Secondary** entry mode, the phone will use the method you assigned to that mode.



## To select a text entry mode:

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

### entry mode indicators

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


primary	secondary	
ab <b>1</b>	ab <b>2</b>	Tap, no capital letters
Ab <b>1</b> ↑	Ab <b>2</b> ↑	Tap, capitalize next letter only
AB <b>1</b> ↑	AB <b>2</b> ↑	Tap, all capital letters
ab 	ab 	iTAP™, no capital letters
Ab 	Ab 	iTAP, capitalize next letter only

primary	secondary
AB 	AB  iTAP, all capital letters

The indicators for **Numeric** and **Symbol** entry modes are:

non-text entry mode	
<b>12</b>	numeric mode
@	symbol mode

### capitalization

Press  in a text entry screen to change text case.

### tap method

This is the standard method for entering text.

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 20.

- 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 ⬅️ right to accept **program**, or press ⬆️ up or down to reject it. Press # to enter a space after **prog**.

Press ⬅️ right to accept a word, ⬆️ 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 ⬅️ left or right to move the flashing cursor left or right in a text message.

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.

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 20.

- 1 Press keypad keys to show possible letter combinations at the bottom of the screen.
- 2 Scroll left or right to highlight a combination.
- 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 as a new word option. When your phone runs out of phone memory for unrecognized words, it 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 **12** (numeric) indicator.


Enter the numbers you want. When finished, press  to switch to another entry method.

## symbol method

In a text entry screen, press  to switch entry methods until your phone displays the  (symbol) 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, then press  to delete a letter at a time.

**Press and hold**  to delete all text:

## external display

When your phone is closed, the external display shows the time and status indicators. For a list of phone status indicators, see page 17.



**Tip:** To change external display orientation, press > **Settings** > **Initial Setup** > **External Display** > **Left Orientation** or **Right Orientation**.

## set phone ring style

To set the phone ring style in the external display:

- 1 *With the flip closed*, press a volume key to display **Style: style name**.
- 2 Press the smart/speakerphone key repeatedly until you see the style you want.
- 3 Press a volume key to return to the home screen.

## return unanswered call

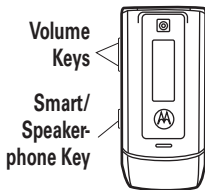
Your phone keeps a record of your unanswered calls, and the external display shows **X Missed Calls**, where **X** is the number of missed calls.

**Tip:** Since the microphone and earpiece are hidden when the phone flip is closed, you'll have to use a headset or other handsfree device to make and receive calls.



**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.

- 1 Press the smart/speakerphone key (see illustration) to see the received calls list.
- 2 Press the volume keys to scroll to an unanswered call.




- To call the number with a headset connected to your phone, press and hold the smart/speakerphone key.
- To exit without calling, press the smart/speakerphone key briefly.

## handsfree speaker

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

**To activate the speakerphone** during 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 . 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, then press and hold the smart/speakerphone key to turn on the speakerphone.
- 2 Enter then number you want to call and press .
- 3 When the call connects, close the flip and continue your conversation.
- 4 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:**  >  **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. **You do not have to unlock your phone to answer a call.**

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

### To lock your phone:

**Find it:**  >  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**.

## lock external keys



You can lock your phone's external keys to prevent accidental key presses.

### To lock the external keys automatically after a specified time:

**Find it:**  >  Settings > Security > External Key Lock

- 1 With **Timer:** highlighted, press **Change**.
- 2 Scroll to **2 seconds**, **4 seconds**, or **8 seconds**, and press **Select**. To turn off the automatic key lock, select **Off**.

**To lock the external keys while the flip is closed**, press and hold the smart/speakerphone key.

## if you forget a code

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.

## airplane mode



**Note:** Consult airline staff about the use of **Airplane Mode** during flight. Turn off your phone whenever instructed to do so by airline staff.

*Airplane mode* turns off your phone's calling features in situations where wireless phone use is prohibited. You can use the phone's other non-calling features when **Airplane Mode** is turned on.

**Find it:**   Utilities > **Airplane Mode**

> **Airplane Mode**> On or Off

Your phone can prompt you to activate or deactivate each time you turn on the phone:

**Find it:**   Utilities > **Airplane Mode** > **Prompt At Startup**

> On or Off

# customize



---

## ring styles

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 a *ring style*.

### set a style




**Find it:**  >  **Settings** > **Ring Styles**

- 1 Scroll to **Style** and press **Change** or the center key .
- 2 Scroll to a ring style and press **Select** or the center key .

## detailed settings

You can specify a detailed ring style setting for **Calls**, **Inbox**, **Voicemail**, **Alarms**, **Data Calls**, **File Transfer**, **Fax Calls**, and **Reminders**:

**Find it:**  >  **Settings** > **Ring Styles**

- 1 Scroll to *style* **Detail** and press **Change** or the center key .
- 2 Scroll to **Calls**, **Inbox**, **Voicemail**, **Alarms**, **Data Calls**, **File Transfer**, **Fax Calls**, or **Reminders**, and press **Change** or the center key .
- 3 Scroll to a detailed setting and press **Select** or the center key .

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

## answer options

To turn on or turn off an answer option:

**Find it:**  >  **Settings** > **In-Call Setup** > **Answer Options**


Select **Multi-key** or **Open To Answer** and press **Change**, then select **On** or **Off**.

## wallpaper

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

Press  >  **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 .

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

## talking phone

Your phone can speak aloud the name of a Contacts entry when you highlight that entry. Your phone can also speak the digits you type as you enter a number to call.

**Find it:**  >  **Settings** > **Personalize** > **Sound Settings**

### To set up the talking phone function:

- 1 Scroll to **Talking Phone Settings** and press **Change**.
- 2 Scroll to **Contact List Entries** or **Keypad Digits** and press **Select**.


- 3 Scroll to **On** and press **Select**.


### To activate the talking phone function:



- 1 Scroll to **Talking Phone** and press **Change**.
- 2 Scroll to **On** and press **Select**.


## 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 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 removes the  (ALI on) indicator and 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:**  >  **Settings** > **Initial Setup** > **Battery Save**

# calls

---

To make and answer calls, see page 13.

## change active line

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

**Find it:**  >  Phone Info > 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:**  >  > 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**.

## 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.


## call history

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 **Call History** list.

**Find it:**  >  **Call History**

- 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 .

Press **Options** to open a menu that can include: **Store**, **Delete**, **Delete All**, **Send Message**, **Add Digits**, **Dial 1 + Number**, **Attach Number**.

## notepad

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

**To retrieve a number stored in the notepad:**

**Find it:**  >  **Call History** > **Notepad**


Press  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 .

## 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 **Call History** list.

## speed dial



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

**Tip:** To see the speed dial number for an entry, press the center key , select **Contacts**, then scroll to the entry and press .

### To speed dial a number:

- 1 Enter the speed dial number for the entry you want to call and press .
- 2 Press  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  through ) for that entry for one second.


# entertainment

## take a photo

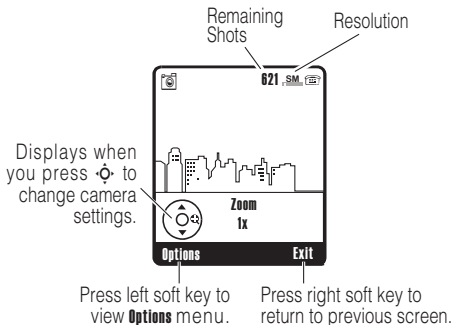
Your camera lens is on the back of your phone when the phone is open (see page 2). **To get the sharpest photos, wipe the lens clean with a dry cloth before you take a photo.**


To activate your phone's camera:

**Find it:**   Camera

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


Your phone displays the active viewfinder image:



- 1 Point the camera lens at the camera subject. Press  left and right **to zoom out and in.**



Press **Options** to open a menu that includes these options: **Go To Pictures**, **Auto-Timed Capture**, **Camera Setup**, **Free Space**, **Capture Title**.

- 2 Press the camera key  to take the photo.
- 3 Press **Options**, then select **Store Only**, **Discard**, or **Apply As**.

**or**

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

## fun & games


### launch micro-browser

**Find it:**  >  **SPARK**



### manage pictures


**Find it:**  >  **Media Gallery** > **Pictures**

To view a picture, scroll to the picture title and press the center key .

Press **Options** to select open a menu that can include these options: **Send**, **Apply As**, **Create New**, **Manage**, **Mark**, **Categories**, **Assign to Category**, **Free Space**, **Properties**, **Pictures Setup**.

## manage sounds

**Find it:**  >  **Media Gallery** > **Sounds**

To play a sound, scroll to the sound title and press the center key .

Press **Options** to open a menu that can include these options: **Send**, **Apply As**, **Create New**, **Manage**, **Mark**, **Categories**, **Free Space**, **Properties**, **Sounds Setup**.

# messages

---

## send a multimedia message



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

## create & send message

**Find it:**  >  > **Messaging > Create Message**


- 1 Press **Options**.
- 2 Scroll to **Change to MMS** and press **Select**. When prompted to **Change Msg Type?**, press **Yes**.

- 3 Press **Options**.
- 4 Scroll to **Insert** and press **Select**.
- 5 To insert a stored multimedia object, scroll to **Picture**, **Voice Memo**, or **Sound**, 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**.

- 6 Enter message text.  
  
Press **Options** to open a menu that can include these options: **Insert**, **Preview**, **Page Options**, **Sending Options**, **Message Details**, **Cancel Message**, **Save to Drafts**, **Save as Template**, **Editing Options**, **Change Text Mode #**, **Text Setup**.
- 7 Press **Send To**.

- 8 Scroll to each entry you want to receive the message and press the center key .

To enter a new number or email address to receive the message, press **Options**, then scroll to **Enter Number** or **Enter Email** and press **Select**. Enter the number or email address and press **Ok**.

- 9 Press **Send** to send the message.

**or**


Press **Options**, then scroll to and select **Sending Options** to open the **Msg Options** menu (which can include **Cc**, **Bcc**, **Subject**, **Priority**, **Delivery Report**, and **Delivery**) **or** scroll to and select **Message Details** to see message statistics. When finished, press **Send** to send the message.

**or**

Press **Options**, then scroll to and select **Save to Drafts** to save the message to the **Drafts** folder or **Abort Message** to cancel the message.

## 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:**  >  **Messaging** > **Message Inbox**

- 1 Scroll to the message you want to read.
- 2 Press the center key  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).

When you **receive** a voicemail message, your phone shows the voicemail message indicator  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.












## 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.

## more messaging features



features	
<b>send text message</b>	
 >  Messaging > Create Message	
Press <b>Options</b> to perform other actions.	
<b>view sent message</b>	
 >  Messaging > Outbox	
Scroll to a message and press the center key  .	
Press <b>Options</b> to perform other actions.	
<b>read received message</b>	
 >  Messaging > Message Inbox	
Scroll to a message and press the center key  .	
Press <b>Options</b> to perform other actions.	


### features

#### use text template



**Text Templates** are prewritten text that you can select and send as messages.

 >  Messaging > Templates > Text Templates

**To insert a template in a message**, scroll to the template and press the center key .


**To create a template**, press **Options**, then scroll to **Create New** and press **Select**.

**To edit a template**, scroll to the template and press **Options**, then scroll to **Edit** and press **Select**.

#### use multimedia template



 >  Messaging > Templates  
> Multimedia Templates


Scroll to the template you want to insert and press the center key , then press **Send To**.

## features

### drafts



••• >  **Messaging > Drafts**

Scroll to a message and press the center key .

You can edit the message when you view it.

Press **Options** to perform other actions.

### erase messages



Delete all messages or only messages from the **Outbox** or **Drafts** folder:

••• >  **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 select **Outbox Setup**.

## features

### 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:

••• >  **Messaging > Browser Alerts**

### set up messaging



••• >  **Messaging**

Press **Options**, then scroll to and select **Setup**. Scroll to and select **Message Setup**, **Voicemail Setup**, or **Outbox Setup**.

# connections

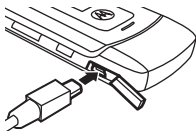
---

## 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 51.



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.

- Turn on your phone and the computer.

## 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 these Bluetooth profiles:

- **Headset**—Connect a Bluetooth enabled headset and a computer or other Bluetooth enabled device such as a mobile phone.
- **Handsfree**—Use a gateway device 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)**—Access the Internet and other dial-up services with a Bluetooth wireless connection.
- **Serial Port Profile (SPP)**—Set up virtual serial ports and connect two Bluetooth enabled devices.
- **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](http://www.motorola.com/Bluetoothsupport).

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

**For maximum Bluetooth security**, 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 the phone is on.

**Find it:**  >  **Settings** > **Connection** > **Bluetooth Link** > **Setup**

- 1 Scroll to **Power** and press **Change**.
- 2 Scroll to **On** and press **Select**.



**Note:** To extend battery life, 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:**  >  **Settings** > **Connection** > **Bluetooth Link**  
> **Find Me**

## pair with other device



**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:**  >  **Settings** > **Connection** > **Bluetooth Link**  
> **Handsfree**

- 1 Press **Select** to select **[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).

- 2 Scroll to a device in the list.
- 3 Press the center key  to connect the device.

- 4 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 47).

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 other 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 47).
- 2 On your phone, scroll to the object or **Contacts** entry that you want to copy and press **Options**.
- 3 For multimedia objects, scroll to the object and press the center key . Press **Options**, then scroll to **Manage** and press **Select**. Scroll to **Move** or **Copy** and press **Select**.


**or**

For a **Contacts** entry, scroll to the entry and press **Options**. Scroll to **Send Contact** and press **Select**, then scroll to **Bluetooth** and press **Select**.

- 4 Select the device name, or select **[Look For Devices]** to search for a device.


**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 file from other device

**Note:** If you do not see the Bluetooth indicator  at the top of the display, **turn on your phone's Bluetooth power** (see page 46).

- 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 47).

- 2 When prompted to accept the sent object, scroll to **Yes** or **Grant** and press the center key .

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

## disconnect from 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.

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.

## notes on TTY operation


- Use a TSB-121 compliant cable (provided by the TTY device manufacturer) to connect the TTY device to the phone.
- Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize errors.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the device may cause high error rates.

## TTY setup

**Find it:**  >  Settings > Initial Setup

- 1 Scroll to **TTY Setup** and press **Change**.
- 2 Scroll to a **TTY Setup** option and press **Select**.

option	
Voice	Set/return to standard voice mode.
TTY	Transmit and receive TTY characters.
VCO	<b>Note:</b> This option may not be available on this phone.  Receive TTY characters but transmit by speaking into phone microphone.
HCO	<b>Note:</b> This option may not be available on this phone.  Transmit TTY characters but receive by listening to phone earpiece.

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

## data & fax calls



To specify next call as a data or fax call:



**Find it:**  >  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, press , then press  again.

#### restrict calls

 >  > **Settings** > **Security** > **Restrict Calls**

When prompted, enter the unlock code (see page 26) and press **Ok**. Select **Outgoing Calls** or **Incoming Calls** and press **Change**. With **Allow** highlighted, press **Change**, then select **All**, **None**, or **Contacts**.

### features

#### DTMF Tones

Your phone can send *Dual Tone Multi Frequency* (DTMF) tones for calling card calls or other automated touch-tone calls.

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


Scroll to **DTMF**, press **Change**, then select **Short**, **Long**, or **Off**.

# contacts

## features


### create entry

 >  **Contacts** > **[New Entry]**

To enter information, scroll to an entry field and press the center key . You must enter a number. You can also enter the following: **First Name**, **Last Name**, **Nickname**, number **Type** (**Mobile**, **Home**, **Work**, **Fax**, **Pager**, **Other**), **Email**, email **Type** (**Personal**, **Work**, **Other**), **URL**, **Postal Address**, postal address **Type** (**Home**, **Work**, **Other**), **Category** (**General**, **Friends**, **Family**, **Work**), **Ringer ID**, **Picture**, **Birthday**.

Press **Done** to save entry information.

### view entry

Scroll to the entry and press the center key .

To perform other actions, scroll to the entry and press **Options** to open the **Phonebook Menu**.

## features

### call entry

 >  **Contacts**

Scroll to the entry you want to call and press .

### edit entry

 >  **Contacts**

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

### delete entry

 >  **Contacts**

Scroll to the entry, press **Options**, then scroll to **Delete Contact** and press **Select**.



## features

### assign ringer ID to entry

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

 >  **Contacts**



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

Scroll to **Ringer ID** and press the center key . Scroll to a ringer ID and press **Select** or the center key .

**Note:** As you scroll through ringer IDs, your phone plays a sample of each one you highlight.

### activate ringer IDs

Activate ringer IDs assigned to **Contacts** entries:


 >  **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:

 >  **Contacts**

Scroll to the entry, press **Options**, then scroll to **Edit Contact** and press **Select**. Scroll to **Picture** and press the center key .

**To take a new photo to use as a picture ID**, scroll to **Take Picture** and press **Select**.

**To select a saved picture or photo as a picture ID**, scroll to **Select Picture**, press **Change**, then scroll to a picture and press **Select** or the center key .



## features

### set speed dial number for entry



Scroll to the entry, press **Options**, then scroll to **Add to Speed Dial** and press **Select**. Scroll to the speed dial number you want to assign to the entry and press **Select**.

### add more numbers or email addresses to entry

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



Scroll to the entry, press **Options**, then scroll to **Edit Contact** and press **Select**. Press **Options**, then scroll to **Add Number** or **Add Email** 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:



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

### sort entries



Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **Sort by**, press **Change**, then scroll to **First Name** or **Last Name** and press **Select**.

## features


### add, delete, or edit category



Contacts

Press **Options**, then scroll to **Manage Contacts** and press **Select**. Scroll to **Edit Categories** and press **Select**.

**To edit or delete a category**, scroll to the category and press **Options**, then scroll to **Edit Category** or **Delete Category** and press **Select**.

**To add a new category**, scroll to **[New Category]** and press the center key .

## features

### filter entries

View only entries that include an email address, or view only entries in a category you specify.



Contacts

Press **Options**, then scroll to **Filter by** and press **Select**. **To view only entries with email addresses**, scroll to **Email** and press **Select**. **To view only entries in a category you specify**, scroll to **Category** and press **Select**, then scroll the category you want and press **Select**.

The **Filter by** setting is cleared when you exit **Contacts**. The next time you select **Contacts**, your phone shows all entries.

# 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
<b>Call &lt;Name or #&gt;</b>  Call a <b>Contacts</b> entry whose <i>name</i> you speak, <b>or</b> to a phone <i>number</i> you speak.

features
<b>Send Msg &lt;Name or #&gt;</b>  Send a message to a <b>Contacts</b> entry whose <i>name</i> you speak, <b>or</b> to a phone <i>number</i> you speak.  For more information on sending a message, see pages 40 and 43.
<b>Lookup &lt;Name&gt;</b>  Look up a <b>Contacts</b> entry by speaking its <i>name</i> .
<b>Go To &lt;App&gt;</b>  Use a voice shortcut to access the phone <i>app</i> (application or function):  Voicemail, Camera, Redial, Received Calls
<b>Check &lt;Item&gt;</b>  View information on an <i>item</i> :  <Status>, <Battery>, <Signal>, <Network>, <My Phone #>

**Tip:** Speak the name of a **Contacts** entry exactly as it is listed. 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.”)

**Tip:** Speak numbers at a normal speed and volume. Pronounce digits distinctly. Don’t pause between digits.

## voice command setup

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

- 2 Press **Settings**, then scroll to an option and press **Select**.

### voice recognition settings

#### Choice Lists

If your phone is not sure that it has correctly identified a name or number that you speak, it displays up to three choices and prompts you to confirm the correct one.

To specify when choice lists appear:

**Automatic**—Display a list of choices from multiple alternatives.

**Always On**—Always display a list of choices when there are multiple alternatives.

**Always Off**—Never display a choice list. The phone chooses from the best alternatives.

## voice recognition settings

### Sensitivity

Fine tune the phone's ability to recognize voice commands.

**Sensitivity too strict**—Phone will often reject voice commands and display “Please repeat ...” or “No match found.” Adjust **Sensitivity** toward **Reject Less**.

**Sensitivity too forgiving**—Phone will have many false activations (indicating that it detects a wrong match). Adjust **Sensitivity** toward **Reject More**.

### Digit Dialing

Adapt digit dialing to your voice:

**Adapt Digits**—Improve recognition of spoken phone numbers. Adaptation takes about sixty seconds.

**Reset Digits**—Erase any previous adaptation and reset to the factory default. If you have not adapted digits, this option appears in grey (not available).

## voice recognition settings

### Sound

Turn playback on or off for prompts, names, and numbers. Adjust speed and volume of name playback.








**Prompts**—Turn playback on or off for prompts such as “Say a command.”










**Digits**—Turn playback on or off for digits (for example, when confirming a phone number).

**Names**—Turn playback on or off for names.

**Name Settings**—Adjust speed and volume of name playback.

## more personalizing features



features	
<b>brightness</b>	
 >  Settings > Initial Setup > Brightness	
<b>display timeout</b>	
Set how long the display stays turned on.	
<b>Note:</b> If you set <b>Display Timeout</b> to <b>Off</b> , your display backlight will never turn off. This will greatly reduce your battery's life.	
 >  Settings > Initial Setup > Display Timeout	
<b>backlight</b>	
Set how long the display and keypad backlights stay on, or turn off backlights to extend battery life.	
 >  Settings > Initial Setup > Backlight	

features	
<b>call &amp; key volumes</b>	
 >  Settings > Ring Styles > <i>Style Detail</i>	
Scroll to <b>Ring Volume</b> or <b>Key Volume</b> and press <b>Change</b> .	
<b>power tone</b>	
Set phone to play a tone when you power it on:	
 >  Settings > Initial Setup > Power Tone	
<b>greeting</b>	
Change the greeting that appears when you turn on your phone:	
 >  Settings > Personalize > Greeting	
<b>scroll</b>	
Set the scroll bar to <b>Up/Down</b> or <b>Wrap Around</b> in menu lists:	
 >  Settings > Initial Setup > Scroll	

## features

### message alerts

Set whether you receive message alerts during a call:



 >  Settings > In-Call Setup > MSG Alert

### skin

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



 >  Settings > Personalize > Skin

### menu language

 >  Settings > Initial Setup > Language

### show or hide menu icons

Show or hide menu icons in the home screen.

 >  Settings > Personalize > Home Screen > Home Keys  
> Icons

## features

### change home screen menu icons

Change the menu icons that display in the home screen.

 >  Settings > Personalize > Home Screen > Home Keys

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

### change home screen soft key labels

 >  Settings > Personalize > Home Screen > Home Keys


Scroll to **Left Soft Key** or **Right Soft Key** and press **Change**, then select a menu or function.

## features

### menu view

Display the main menu as icons or a numbered list:

 >  **Settings** > **Personalize** > **Main Menu** > **View**

When the menu is displayed as a numbered list, press the center key , then the number key for the menu you want.

### change menu order

 >  **Settings** > **Personalize** > **Main Menu** > **Reorder**

### master reset

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

 >  **Settings** > **Initial Setup** > **Master Reset**

To reset all options, you need to enter the **Security Code** (000000).

## features

### 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.

 >  **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 . 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
<b>set in-call timer</b> 
 >  Settings > In-Call Setup > In-Call Timer
Select <b>Display</b> or <b>Beep</b> and press <b>Change</b> .

features
<b>view call times</b> 
 >  Call History > Call Times
Scroll to <b>Last Call</b> , <b>Dialed</b> , <b>Received</b> , <b>All Calls</b> , or <b>Lifetime</b> , and press <b>Select</b> .
<b>view data times</b> 
 >  Call History > Data Times
Scroll to <b>Recent Data Session</b> or <b>All Data Sessions</b> , press <b>Select</b> , then scroll to <b>Internal Data Session</b> , <b>External Data Session</b> , or <b>Total Time</b> and press <b>Select</b> .
<b>reset all data times</b> 
 >  Call History > Data Times > All Data Sessions > Reset All

## features

### view data volumes





  > Call History > Data Volumes

Scroll to **Recent Data Session** or **All Data Sessions**, press **Select**, then scroll to **Internal Data Session**, **External Data Session**, or **Total Data Transferred** and press **Select**.

### reset all data times



 >  Call History > 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)



During an active call, press your phone's up or down volume keys.



### 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)



 >  Settings > Car Settings or Headset

Scroll to **Auto Answer** and press **Change**.

## features

### **voice dial** (headset)



Enable voice dial with headset send/end key:

📶 > ⚙️ Settings > Headset

Scroll to **Voice Dial** and press **Change**.

### **auto handsfree** (car kit)



Automatically route calls to a car kit when connected:

📶 > ⚙️ Settings > Car Settings

Scroll to **Auto Handsfree** and press **Change**.

## features

### **power-off delay** (car kit)



Set the phone to stay on for a period of time after the ignition is switched off:

📶 > ⚙️ Settings > Car Settings

Scroll to **Power-off Delay** and press **Change**.

### **charger time** (car kit)



Charge phone after vehicle ignition is switched off:

📶 > ⚙️ Settings > Car Settings

Scroll to **Charger Time** and press **Change**.

# network

## features

### view current network



📶 > ⚙️ Settings > Network

With **Current Network** highlighted, press **View**.

### adjust network settings



📶 > ⚙️ Settings > Network

Scroll to **Set Mode** and press **Change**.

### set service tones



Set phone to beep whenever the network registration status changes:

📶 > ⚙️ Settings > Network

Scroll to **Service Tone** and press **Change**.

## features

### 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.)

📶 > ⚙️ Settings > Network

Scroll to **Call Drop Tone** and press **Change**.

### roam alert





















Set phone to play an alert tone whenever it roams outside of your home network:

📶 > ⚙️ Settings > Network

Scroll to **Roam Alert** and press **Change**.

# personal organizer

features	
<b>add scheduler event</b>	
 >  Utilities > Scheduler	
Scroll to a day and press <b>Options</b> , then scroll to <b>New</b> and press <b>Select</b> .	
<b>view or edit scheduler event</b>	
 >  Utilities > Scheduler	
Scroll to a day and press the center key  , then scroll to an <i>event</i> and press the center key  . To edit the event, press <b>Options</b> , then select <b>Edit</b> .	
<b>event reminder</b>	
Press <b>View</b> to view an event reminder. Press <b>Exit</b> to dismiss an event reminder.	

features	
<b>copy scheduler event</b>	
Copy a scheduler event to another date and/or time:	
 >  Utilities > Scheduler	
Scroll to a day and press the center key  , then scroll to an <i>event</i> and press <b>Options</b> . Scroll to <b>Copy</b> and press <b>Select</b> .	
<b>set alarm</b>	
 >  Utilities > Alarm Clock	
<b>turn off alarm</b>	
Press <b>Off</b> or  .	


## features

### create voice memo



**Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.


 >  Utilities > Voice Memos

Scroll to **[New Voice Memo]** and press the center key , 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 memo



 >  Utilities > Voice Memos

Scroll to a voice record and press the center key .

## features

### calculator



Calculate numbers:

 >  Utilities > Calculator

### convert currency



 >  Utilities > Calculator

Press **Options**, then scroll to **Exchange Rate** and press **Select**. Enter an exchange rate and press **Ok**. Enter an amount to convert and press **Options**. Scroll to **Convert Currency** and press **Select**.

# security

## features

### lock application

⬅ ➡ >  Settings > Security > Lock Application

When prompted, enter the unlock code and press **Ok**. Scroll to an application and press **Change**.

# service & repairs

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

Go to [\*\*www.motorola.com/consumer/support\*\*](http://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

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## **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.<sup>1</sup> 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 1.54 W/kg, and when worn on the body, as described in this user guide, is 1.13 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

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

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**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—or if you hang your mobile device from a lanyard around your neck—keep the mobile

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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.

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](http://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](http://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.





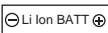

### Potentially Explosive Atmospheres


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.
	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

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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

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**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

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

Products Covered	Length of Coverage
<b>Consumer and Professional Two-Way Radio Accessories.</b>	<b>Ninety (90) days</b> from the date of purchase by the first consumer purchaser of the product.
<b>Products and Accessories that are Repaired or Replaced.</b>	<b>The balance of the original warranty or for ninety (90) days</b> 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
<b>Software.</b> Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	<b>Ninety (90) days</b> 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

<b>USA</b>	<b>Phones</b> 1-800-331-6456 <b>Pagers</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices</b> 1-800-353-2729
<b>Canada</b>	<b>All Products</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , 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

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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

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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

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Online Product Registration:

**[direct.motorola.com/hellomoto/Motosupport/source/registration.asp](http://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

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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

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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](http://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

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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](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)."

There is no special handling required by consumers.

# Privacy and Data Security

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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](http://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](mailto:privacy@motorola.com), or contact your service provider.

# Smart Practices While Driving

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## Drive Safe, Call Smart<sup>SM</sup>

**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](http://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.

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U.S. patent Re. 34,976





[www.motorola.com](http://www.motorola.com)

