



## User Guide



**motorola v860**

V CAST PHONE



# congratulations

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The **Motorola V860** does it all. With easy-to-use music player controls, listening to the hottest tracks has never been easier. Take photos and video clips and send them to your friends. Use voice notes to make quick reminders for yourself. All while you stay connected—take or make calls and exchange messages.

Your phone delivers the Verizon Wireless services you love. Get the newest tunes with V CAST Music with Rhapsody®.

Watch TV shows, sports, news, live events, music videos, and more with V CAST Video. (**Note:** V CAST Services are network or subscription dependent, and may not be available in all areas.)

With Verizon Wireless® Push to Talk, you can connect instantly with family and friends with the push of a button. (PTT is network and subscription dependent and is not available in all areas. Your phone must be registered to a Push to Talk server.)

We've crammed all of the main features of your phone into this handy guide, and in a matter of minutes we'll show you just how easy your phone is to use. So go ahead, check it out.

Here's a quick anatomy lesson:

**Directional Key** 

Scroll up, down, left, or right.

**Left Soft Key**

Perform function in lower left display.

**Camera Key** 

Press to activate camera, hold to activate camcorder.

**Send Key** 

Make & answer calls.

**Right Soft Key**

Perform function in lower right display.

**Clear Key** 

**Power/End Key** 

Turn on/off, hang up, exit menus.

**Center Select Key** 

Open menu & select

**Camera Lens**

**External Display**

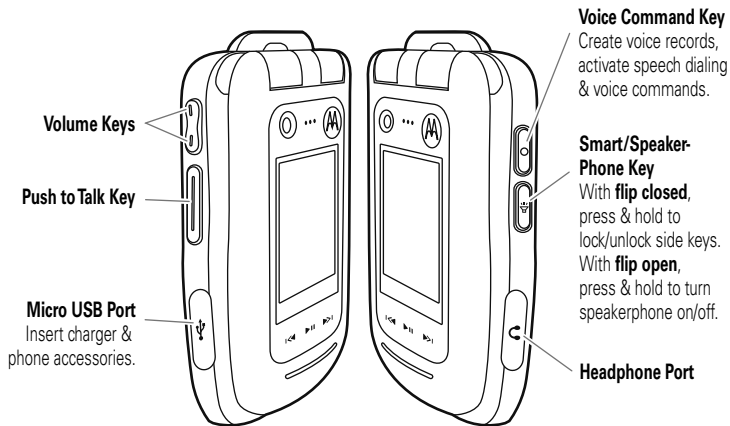
See incoming calls & status information.

**Music Buttons:**


Skip ahead/  
Fast Forward

Play/Pause

Skip back/Rewind






**1** Press and hold the **Power/End Key**  for a few seconds to turn on your phone.

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



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

**4** Press the **Center Select Key**  to select it.

Motorola, Inc.  
Consumer Advocacy Office  
600 N US Hwy 45  
Libertyville, IL 60048  
[www.hellomoto.com](http://www.hellomoto.com)

**Note:** Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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

Manual Number: \_\_\_\_

U.S. patent Re. 34,976

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# menu map

## main menu



### Contacts

- New Contact
- Contact List
- Backup Assistant
- Groups
- Speed Dials
- In Case of Emergency



### Messaging

- New Message
- Messages
- Drafts
- Voicemail
- Mobile IM \*
- Email \*
- Chat \*



### Recent Calls

- Missed
- Received
- Dialed
- All
- View Timers



### My Ringtones



### Media Center

- Music & Tones
- Picture & Video
- Games
- Mobile Web
- Browse & Download
- Extras



### My Pictures



### VZ Navigator



### Bluetooth Menu

- Add New Device



### Settings & Tools

- My Verizon
- Tools
- Bluetooth Menu
- Sounds Settings
- Display Settings
- Phone Settings
- Call Settings
- Memory
- USB Mode
- Phone Info
- Set-Up Wizard

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

# settings & tools menu

- **My Verizon**
- **Tools**
  - Voice Commands
  - Calculators
  - Alarm Clock
  - Stopwatch
  - World Clock
  - Notepad
  - USB Mass Storage
- **Bluetooth Menu**
  - Add New Device
- **Sounds Settings**
  - Easy Set-up
  - Call Sounds
  - Alert Sounds
  - Keypad Volume
  - Digit Dial Readout
  - Service Alerts
  - Power On Off
- **Display Settings**
  - Easy Set-up
  - Banner
  - Backlight
  - Brightness
  - Wallpaper
  - Display Themes
  - Main Menu Settings
  - Dial Fonts
  - Menu Font Size
  - Clock Format
  - Speed Dial Display
  - Show Shortcuts
- **Phone Settings**
  - Airplane Mode
  - Set Shortcuts
  - Language
  - Location
  - Security
  - System Select
  - NAM Select
  - Contact List Search
  - Text Input
- **Call Settings**
  - Answer Options
  - Auto Retry
  - TTY Mode
  - One Touch Dial
  - Voice Privacy
  - DTMF Tones
  - Hearing Aid
  - Auto Retry
- **Memory**
  - My Number
  - SW/HW Version
  - Icon Glossary
- **USB Mode**
  - Save Options\*
  - Phone Memory
  - Memory Card\*
- **Phone Info**
  - Save Options\*
  - Phone Memory
  - Memory Card\*
- **Setup Wizard**

\* available only when optional memory card installed

# essentials

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## about this guide

**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.

### 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.

**Note:** The instructions in this user's guide are based on a default Display Theme setting of Steel (see page 34). If you change **Display Theme** to a different setting, instructions may differ.

## battery

### conserve battery charge

Using certain features can quickly deplete your battery's charge. **These features can include downloading music, replaying video clips, and using Bluetooth® wireless connections.**

You can conserve your battery's charge by doing the following:

- Turn Bluetooth power off when not in use (see page 114).

- Turn off wallpaper (see page 34).
- Reduce backlight display time (see page 35).

## install battery & memory card

- 1 Rotate the locking screw a half turn to the right.
- 2 Lift the bottom end of the cover, then pull the cover down and off the phone.
- 3 Insert the optional microSD card.



- 4 With the gold contacts facing down and at the lower end of the battery, insert the battery, lower end first, and push it completely into place.
- 5 Lower the bottom end of the battery cover onto the phone, then snap the cover into place.
- 6 Rotate the locking screw a half turn to the left to lock the cover.



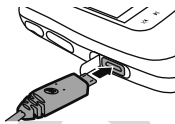
## charge the battery

New batteries are not fully 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 micro 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:** Motorola batteries have circuitry that protects the battery from damage from overcharging.

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

To charge **from your computer:**



You can also charge your phone's battery by connecting a cable from your phone's micro 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

The phone may require several seconds to turn on. If prompted, use the keypad to enter your four-digit unlock code (which, by default, is the last four digits of

your phone number) and press the Center Select Key (OK) to unlock the phone.

**To turn on your phone**, press and hold the Power/End Key (≡) until the display turns on.



**To turn off your phone**, press and hold the Power/End Key (≡).

## make a call

**Note:** For instructions on making Push to Talk calls, see page 59.

Enter a phone number, Area Code first, if applicable, and press the Send Key (SEND) to make a call.



**To make a call outside the U.S.A.**, press and hold \* until you see +. Next, press the number keys to dial the **country code** and **phone number**, and then press the Send Key (SEND).

## answer a call

**Note:** For instructions on answering Push to Talk calls, see page 62.

When your phone rings and/or vibrates, press the Send Key (SEND) to answer.

**Tip:** You can set the phone to answer calls when you open the flip (see page 33).

## end a call

To hang up, press the Power/End Key (≡).

You can also end a call by closing the flip, **if you are not connected to a headset or a handsfree car kit.**

Closing the flip does not end:

- a data connection using a USB cable to connect the phone to a computer
- a Push to Talk call

- wallpapers, screen savers, banners, and other similar applications
- active BREW® download sessions, such as downloading music or ringtones

## store a phone number

- 1 From the main screen, use the keypad to enter a phone number and press the Left Soft Key (**Save**).
- 2 Select **Add New Contact** by pressing the Center Select Key (⊙) (**OK**).
- 3 Use the Directional Key (⊙) to scroll to an entry type and press the Center Select Key (⊙) (**OK**).
- 4 Use the keypad to enter a name and other details for the phone number and press the Center Select Key (⊙) (**Save**) to store the number.

To edit or delete a **Contacts** entry, see page 97.

## call a stored phone number

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Scroll to the **Contacts** entry.  
  
If the entry has more than one phone number, press right or left on the Directional Key (⊙) to toggle between the numbers.
- 3 Press the Send Key (ⓧ) to call the entry.



# basics

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See page 2 for a basic phone diagram.

## home screen

You see the *home screen* when you turn on the phone or when you press the Power/End Key (⏻). Status indicators appear at the top:

Status Indicators



**Tip:** You can quickly select a menu option by pressing the number for that option. For example, from the **SETTINGS & TOOLS** menu, press **5** to select **Display Settings**.












Your phone displays system status indicators:













From the main screen, you can press up, down, left, or right on the Directional Key (⬆️) to open these shortcuts:












default Directional Key direction & menu	
up	MOBILE WEB
down	CALENDAR
left	MUSIC & TONES
right	MY SHORTCUTS

**Note:** These are the default main screen shortcuts. To customize these shortcuts, see page 40.

You can set your phone to display or hide these menu icons on the main screen (see page 40).

	Digital indicator shows when phone is in digital coverage area. Number of bars shows strength of each signal.
 	EVDO indicator shows when phone is in EVDO coverage area (necessary for V CAST services). 1X indicator shows when phone is in 1X-RTT coverage area. Number of bars shows strength of each signal.
 /   	Indicates whether phone is registered with a PTT server.  indicates phone is registered.  indicates phone is not registered. Number of bars shows strength of each signal.
 OFF	Phone is in airplane mode (page 18)
	Phone is roaming off your home network.
S	Indicates application verification is via SSL during a download session.

<b>P</b>	Voice Privacy is On
	Shows during data call.
	Indicates phone is dormant and PPP session is active.
	No service coverage
	Phone is in TTY mode
	Active voice call
	E911 is On
	Location is On
	The keypad is locked.
	Bars indicate battery strength
	Your phone's Bluetooth power is On.
	Phone is paired to another Bluetooth® device.
	Your phone is connected to another Bluetooth device.

	Indicates the phone's Voice Recognition feature is active (see page 101).
	indicates the phone's Voice Recognition feature is waiting for a voice command (see page 101).
	<b>Master Volume is Alarm Only</b>
	<b>Master Volume is Vibrate Only</b>
	<b>Master Volume is Off</b>
	Handsfree speaker is on
	Missed call
	New message
	Calendar event
	New voicemail message
	An alarm has been set

## adjust volume

Press the Volume Keys to:

- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the main screen (see page 17)

## change sound settings

Press the Volume Keys up or down to cycle the **MASTER VOLUME** through **High, Medium High, Medium, Medium Low, Low, Vibrate Only, Alarm Only, and All Sounds Off.**

## handsfree


**Note:** The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless

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

## handsfree speaker


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

**To activate the handsfree speaker during a call**, press and hold the Smart/Speakerphone Key (on the right side of the phone—see page 3).

You will hear an audible alert, and your phone will show the speakerphone indicator  and **SPEAKER PHONE ON** on the main screen.

The handsfree speaker stays on until you press and hold the Smart/Speakerphone Key again or turn off the phone.

**To turn off the handsfree speaker**, press and hold the Smart/Speakerphone Key. Your phone will show **SPEAKER PHONE OFF** on the main screen.

**To end the call**, press the Power/End Key (). You will hear an audible alert.


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

## accessory volume settings (car kit or headset)

To adjust volume of headsets or car kit accessories that are enabled for Bluetooth wireless connections, press your phone's Volume Keys up or down during an active call.

## airplane mode

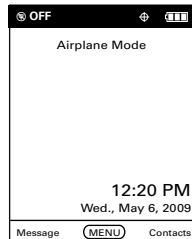
**Note:** Consult airline staff about the use of **Airplane Mode** in flight. Turn off your phone whenever instructed to do so by airline staff.

- 1 From the main screen, press the Center Select Key ( (MENU)) to open the menu.

- 2 Use the Directional Key (⬇️) to scroll to **Settings & Tools** and press the Center Select Key (⬇️) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⬇️) (OK).
- 4 Press Center Select Key (⬇️) (OK) to select **Airplane Mode**.
- 5 Select **On** and press the Center Select Key (⬇️) (OK).

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

When **Airplane Mode** is set to **On**, your phone displays indicators and a message on the main screen:



## change lock code

Your phone's four-digit **lock code** is originally set to the last four digits of your phone number. To change the lock code:

- 1 From the main screen, press the Center Select Key (⬇️) (MENU) to open the menu.
- 2 Use the Directional Key (⬇️) to scroll to **Settings & Tools** and press the Center Select Key (⬇️) (OK).

- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Security** and press the Center Select Key (⊙) (OK).
- 5 When prompted, enter the lock code and press the Center Select Key (⊙) (OK).
- 6 Scroll to **Edit Codes** and press the Center Select Key (⊙) (OK).
- 7 Scroll to **Phone Only** and press the Center Select Key (⊙) (OK).
- 8 Enter the new four-digit lock code in the **Enter New Code** entry area, then press down on the Directional Key (⊙) to move the cursor into the **Re-Enter New Code** entry area. Re-enter the new four-digit lock code.
- 9 Press the Center Select Key (⊙) (OK).


## lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the four-digit lock code (which is originally set to the last four digits of your phone number).

**Note:** You can make emergency calls on a locked phone (see page 47). A locked phone still rings or vibrates for incoming calls or messages.

### manual lock

To **manually lock** your phone:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).

- 4 Scroll to **Security** and press the Center Select Key (⊙) (OK).
- 5 When prompted, enter the lock code and press the Center Select Key (⊙) (OK).
- 6 Scroll to **Lock Phone Now** and press the Center Select Key (⊙) (OK).

To **unlock** the phone, press the Right Soft Key (**Unlock**), enter the four-digit lock code, and press the Center Select Key (⊙) (OK).

## automatic lock

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

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).

- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Security** and press the Center Select Key (⊙) (OK).
- 5 When prompted, enter the lock code and press the Center Select Key (⊙) (OK).
- 6 Scroll to **Phone Lock Setting** and press the Center Select Key (⊙) (OK).
- 7 Scroll to **On Power Up** and press the Center Select Key (⊙) (OK).
- 8 Press the Power/End Key (≡) to return to the main screen.

To **unlock** the phone, enter the four-digit lock code in the **Enter Lock Code** entry area and press the Center Select Key (⊙) (OK).

# lock side keys when flip is closed

When the phone's flip is closed, you can lock the side keys to prevent accidental key presses.

To lock the side keys, press and hold the smart/speakerphone key on the right side of the phone (see page 3)i. To unlock the side keys, press and hold the smart/speakerphone key again, or open the flip.

## manage memory



**Note:** The microSD memory card is an **optional accessory**, available separately.


You can store multimedia content such as songs and photos on your phone's internal memory or on a removable microSD memory card.

**Note:** If you download a copyrighted file to your phone and store it on your memory card, you can use the file

only when your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files.


## set memory for multimedia content

You can download and store multimedia content in phone memory or on the memory card:

- 1 From the main screen, press the Center Select Key (●) (MENU) to open the menu.
- 2 Use the Directional Key (●) to scroll to  **Settings & Tools** and press the Center Select Key (●) (OK).
- 3 Scroll to **Memory** and press the Center Select Key (●) (OK).
- 4 Scroll to **Save Options** and press the Center Select Key (●) (OK).
- 5 Scroll to **Pictures, Videos, or Sounds**, and press the Center Select Key (●) (OK).
- 6 Select **Phone Memory** or **Card Memory** and press the Center Select Key (●) (OK).



## view memory information

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Memory** and press the Center Select Key (⊙) (OK).
- 4 Select **Phone Memory** or **Card Memory** and press the Center Select Key (⊙) (OK).
- 5 Select **My Pictures**, **My Videos**, **My Ringtones**, **My Music**, **My Sounds**, or **My Contacts**, and press the Center Select Key (⊙) (OK).


If you selected **Phone Memory** in step 4, you will also see **Phone Memory Usage**. If you selected **Card Memory** in step 4, you will also see **Card Memory Usage** and **Format Card**.

## move files from phone to memory card


You can move files (such as photos, videos, sound, and music files) to the memory card to free up phone memory.

**Note:** Moving a file to the memory card deletes it from phone memory.



To move **photos or video clips**:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Media Center** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Picture & Video** and press the Center Select Key (⊙) (OK).
- 4 Open **My Pictures** or **My Videos**.








A memory card icon in the picture thumbnail or next to a video file indicates that the file is stored on the memory card.

An  in the picture thumbnail indicates that the **picture came preloaded on your phone and cannot be moved to the memory card.**

If the picture or video is not marked with a memory card icon, it is stored on the phone.


- 5 Scroll to the thumbnail of the picture or video clip you want to move and press the Right Soft Key (**Options**).
- 6 Select **Move** and press the Center Select Key () (**OK**).
- 7 When the phone asks if you want to move the file, select **Yes** and press the Center Select Key () (**OK**) to confirm that you want to move the file.

To move **an audio clip that you recorded:**

- 1 From the main screen, press the Center Select Key () (**MENU**) to open the menu.
- 2 Use the Directional Key () to scroll to  **Media Center** and press the Center Select Key () (**OK**).
- 3 Scroll to **Music & Tones** and press the Center Select Key () (**OK**).
- 4 Use the Directional Key () to scroll to **My Sounds** and press the Center Select Key () (**OK**).

A memory card icon beside the file name of an audio clip indicates that the audio clip is stored on the memory card.

If the file name is not marked with a memory card icon, the audio clip is stored on the phone.

An  indicates that the **audio clip came preloaded on your phone and cannot be moved to the memory card.**

- 5 Scroll to the file you want to move and press the Right Soft Key (**Options**).
- 6 Select **Move** and press the Center Select Key (⊙) (**OK**).
- 7 When your phone asks if you want to move the file, select **Yes** and press the Center Select Key (⊙) (**OK**) to confirm that you want to move the file.

## TTY operation

You can use an optional teletypewriter (TTY) device with your phone to send and receive calls. You must plug the TTY device into the phone's headset connector and set the phone to operate in one of three TTY modes.


### Notes:

- A TTY is a communication device used by people who are hard of hearing or have a


speech impairment. TTY does not work from mobile phone to mobile phone.

- Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone. Your phone has a 2.5mm jack.
- Set the phone to Medium volume level for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize the error rate.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

### set TTY mode

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (**OK**).

- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (OK).
- 4 Select **TTY Mode** and press the Center Select Key (⊙) (OK).

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

**TTY Mode** can include these options:

option	
<b>TTY Full</b>	Transmit and receive TTY characters.
<b>TTY + Talk (VCO)</b>	Receive TTY characters but transmit by speaking into microphone.
<b>TTY + Hear (HCO)</b>	Transmit TTY characters but receive by listening to earpiece.
<b>TTY Off</b>	All TTY modes are turned off.


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

## return to voice mode

To return to standard voice mode, select **TTY OFF** from the **TTY MODE** menu.

## voice privacy

Encrypt outgoing voice calls and use secure channels when available:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (OK).



- 4 Scroll to **Voice Privacy** and press the Center Select Key (Ⓞ) (OK).
- 5 Select **On** and press the Center Select Key (Ⓞ) (OK).

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# tips & tricks

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From the main screen (page 15), you can use shortcuts:

To...	Do this...
<b>lock side keys</b>	<b>With the flip closed</b> , press and hold the Smart/Speakerphone Key (see page 3).
<b>turn handsfree speaker on/off</b>	<b>With the flip open</b> , press and hold the Smart/Speakerphone Key (see page 3).
<b>see recent calls</b>	Press the Send Key (  ). Your phone shows all recent dialed, received, and missed calls.
<b>call voicemail</b>	Press and hold  .
<b>change ring volume</b>	Press the Volume Keys up or down (see page 3).

To...	Do this...
<b>use voice commands</b>	<b>With the flip open</b> , press the Voice Command Key (see page 3). Then use the on-screen prompts.
<b>record voice records</b>	Press and hold the Voice Command Key (see page 3).

# personalize

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## sounds

You can set how your phone alerts you to incoming calls or other events.

### master volume

From the home screen, press the Volume Keys (see page 3) up or down to select the desired setting from the **MASTER VOLUME** menu:

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

**Vibrate Only**—Phone vibrates to indicate an incoming call.


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

**All Sounds Off**—Phone does not alert you to incoming calls and events.

## sounds for calls, events, & alerts

**Note:** **MASTER VOLUME** must be set to **High, Medium High, Medium, Medium Low, or Low**.

To set sounds for **calls**:

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (**OK**).
- 3 Scroll to **Sounds Settings** and press the Center Select Key (⊙) (**OK**).
- 4 Select **Call Sounds** and press the Center Select Key (⊙) (**OK**).

- From the **CALL SOUNDS** menu, select **Call Ringtone** by pressing the Center Select Key (OK), then scroll to a desired ringtone and press the Center Select Key (OK).


**Note:** Press the Left Soft Key (**Play**) to preview the ringtone.

or

From the **CALL SOUNDS** menu, scroll to **Call Vibrate** and press the Center Select Key (OK), then scroll to **On** or **Off** and press the Center Select Key (OK).

- Press the Power/End Key (≡) to return to the main screen.

To set sounds for **events (such as incoming messages) or alerts:**

- From the main screen, press the Center Select Key (MENU) to open the menu.
- Use the Directional Key (↑) to scroll to  **Settings & Tools** and press the Center Select Key (OK).

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- Scroll to **Sound Settings** and press the Center Select Key (OK).

- Select **Alert Sounds** and press the Center Select Key (OK).

- Scroll to **TXT Message, Pic/Video/Voice Message, Voicemail, Emergency Tone, Missed Call, Low Battery, or PTT Alert**, and press the Center Select Key (OK).

- Scroll to **Tone** and press the Center Select Key (OK), then scroll to a desired ringtone and press the Center Select Key (OK).

**Note:** Press the Left Soft Key (**Play**) to preview the ringtone.

Scroll to **Vibrate** and press the Center Select Key (OK), then scroll to **On** or **Off** and press the Center Select Key (OK).

Scroll to **Reminder** and press the Center Select Key (OK), then scroll to **Once, Every 2 Minutes, Every 15 Minutes, or Off**, and press the Center Select



Key (OK). (For all settings but **Off**, your phone plays an audible beep at the interval you set.)


- 7 Press the Power/End Key (≡) to return to the main screen.

## sounds for PTT calls

**Note:** PTT Mode must be set to **On** (see page 55) to use PTT features.

**Note:** MASTER VOLUME must be set to **High**, **Medium High**, **Medium**, **Med Low**, or **Low**.

To set sounds for **PTT calls**:

- 1 From the main screen, press the Center Select Key (OK) (MENU) to open the menu.
- 2 Use the Directional Key (D) to scroll to  **Settings & Tools** and press the Center Select Key (OK) (OK).
- 3 Scroll to **Sound Settings** and press the Center Select Key (OK) (OK).


- 4 Select **Alert Sounds** and press the Center Select Key (OK) (OK).
- 5 Select **PTT Alert** and press the Center Select Key (OK) (OK).
- 6 From the **PTT ALERT** menu, select **Tone** by pressing the Center Select Key (OK) (OK), then scroll to a desired tone and press the Center Select Key (OK) (OK).

**Note:** Press the Left Soft Key (**Play**) to preview the tone.

**or**

From the **PTT ALERT** menu, scroll to **Vibrate** and press the Center Select Key (OK) (OK), then scroll to **On** or **Off** and press the Center Select Key (OK) (OK).

- 7 Press the Power/End Key (≡) to return to the main screen.

**Tip:** You can also assign a PTT tone from the Media Center. Go to  **Media Center** > **Music & Tones** > **My Ringtones**, scroll to the tone you want and press the Left Soft

Key (**Set As**), scroll to **Alert Sounds** and press the Center Select Key (⊙) (**OK**), then scroll to **PTT Alert** and press the Center Select Key (⊙) (**OK**).

## get ringtones

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to **Media Center** and press the Center Select Key (⊙) (**OK**).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (**OK**).
- 4 Use the Directional Key (⊙) to scroll to **Get New Ringtones** and press the Center Select Key (⊙) (**OK**).
- 5 On the **GET NEW RINGTONES** screen, select **Get New Application** and press the Center Select Key (⊙) (**OK**).

Your phone connects to the Media Center site with ringtone collections. Follow the prompts on the screen to browse ringtone lists and to select and download a ringtone.

- 6 Press the Power/End Key (≡) to return to the main screen.

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

## voice readout

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to **Settings & Tools** and press the Center Select Key (⊙) (**OK**).
- 3 Scroll to **Sound Settings** and press the Center Select Key (⊙) (**OK**).


- 4 Scroll to **Voice Readout** and press the Center Select Key (⊙) (OK).
- 5 Select **Keypad Digits**, **Contact List Entries**, **Recent Call Entries**, or **Caller ID Alert** and press the Center Select Key (⊙) (OK).
- 6 If you selected **Keypad Digits**, **Contact List Entries**, or **Recent Call Entries**, select **On** and press the Center Select Key (⊙) (OK).

If you selected **Caller ID Alert**, select **Ring Only**, **Caller ID then Ring**, or **Caller ID Repeat**, and press the Center Select Key (⊙) (OK).

You can set your phone to **speak aloud** when you press keys, receive a call with caller ID available, or scroll through recent calls or contacts:

## answer options

You can use different ways to answer an incoming call.


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (OK).
- 4 Select **Answer Options** and press the Center Select Key (⊙) (OK).

options	
<b>Flip Open</b>	Answer by opening the flip.
<b>Any Key</b>	Answer by pressing any key except the Power/End Key (⏻). Pressing the Power/End Key ignores the call.
<b>Auto w/ Handsfree</b>	Automatically answer incoming call (works with headset, Bluetooth® connections, and when phone is operating in handsfree mode).

# wallpaper

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

**Note:** To use a picture as wallpaper, it must be in your phone's memory and not on a memory card.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Wallpaper** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Main Screen** (the screen you see with the flip open) or **Front Screen** (the screen you see with the flip closed) and press the Center Select Key (⊙) (OK).

- 6 Scroll to a picture in **MY PICTURES** and press the Center Select Key (⊙) (OK).


Press **Options** and select **Get New Pictures** to download a picture (see page 94).

- 7 Press the Power/End Key (⏻) to return to the main screen.

# display themes

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

**Note:** The instructions in this user's guide are based on a default Display Theme setting of Steel. If you change **Display Theme** to a different setting, instructions may differ.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).

- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Display Themes** and press the Center Select Key (⊙) (OK).
- 5 Scroll to the name of a display theme.
- 6 Press the Center Select Key (⊙) (SET) to select the theme as your phone's display theme.  
  
Press the Left Soft Key (**Preview**) to view the theme before selecting it. Press the Left Soft Key (**List**) to return to the list of display themes.
- 7 Press the Power/End Key (⇒) to return to the main screen.

## backlight


Set how long the backlights for the main screen and the keypad remain on, or reduce backlight display time to extend battery life.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Backlight** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Display** or **Keypad** and press the Center Select Key (⊙) (OK).
- 6 Select the desired duration or mode and press the Center Select Key (⊙) (OK).

**Note:** When the keypad is locked (see page 20), the backlight turns off after two seconds of inactivity, regardless of the duration you set.

# brightness

Set the brightness of your main screen:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Select **Brightness** and press the Center Select Key (⊙) (OK).
- 5 Use the Directional Key (⊙) to adjust the brightness and press the Center Select Key (⊙) (OK).


## AGPS & your location


Your phone can use the *automatic location information* (ALI) feature, along with *Assisted Global Positioning*

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*System* (AGPS) satellite signals, to tell the network where you are physically located.

When ALI is set to **Location On**, your phone displays 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 **E911 Only**, your phone displays the  (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).

- 4 Scroll to **Location** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Location On** or **E911 Only**.
- 6 Press the Center Select Key (⊙) (OK) to select the setting.

## 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 window, 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.

# more personalizing features


## keypad volume

**Note:** MASTER VOLUME must be set to **High, Medium High, Medium, Medium Low, or Low.**

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Sounds Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Keypad Volume** and press the Center Select Key (⊙) (OK).


## power on/off sounds

**Note:** MASTER VOLUME must be set to **High, Medium High, Medium, Medium Low, or Low.**

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Sound Settings** and press the Center Select Key (⊙) (OK).
- 4 Select **Power On/Power Off** and press the Center Select Key (⊙) (OK).
- 5 Select **Power On** or **Power Off** and press the Center Select Key (⊙) (OK).
- 6 Select **On** or **Off** and press the Center Select Key (⊙) (OK).




## languages

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Language** and press the Center Select Key (⊙) (OK).
- 5 Select **English** or **Español** and press the Center Select Key (⊙) (OK).

## clock format

Set how your phone shows the current time:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.

- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Clock Format** and press the Center Select Key (⊙) (OK).
- 5 Select **Main Clock** (main screen) or **Front Clock** (external display) and press the Center Select Key (⊙) (OK).
- 6 Select **Analog** for a dial clock, **Digital 12** for a 12-hour clock, **Large Digital 12** for a 12-hour clock displayed in large numbers, **Digital 24** for a 24-hour clock, **Large Digital 24** for a 24-hour clock displayed in large numbers, or **Off** for no clock, and press the Center Select Key (⊙) (OK).

## banner

Create a heading to display on your phone's main screen:




- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Display Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Banner** and press the Center Select Key (⊙) (OK).
- 5 Select **Personal Banner** or **ERI Banner** and press the Center Select Key (⊙) (OK).
- 6 If you selected **Personal Banner**, enter text and press the Center Select Key (⊙) (OK).

## show or hide menu icons

Show or hide menu icons in the main screen that you can use as shortcuts to those menus:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.

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- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Set Shortcut Keys** and press the Center Select Key (⊙) (OK).
- 5 Scroll to and select **Show Shortcuts**, then select **Show** or **Hide**, and press the Center Select Key (⊙) (OK).

## change main screen icons

Change the menus selected with the Directional Key (⊙) in the main screen:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⊙) (OK).

- 4 Scroll to **Set Shortcut Keys** and press the Center Select Key (⊙) (OK).
- 5 Select **Up Key**, **Down Key**, **Left Key**, or **Right Key**, scroll to and select the menu you want to assign to that key, and press the Center Select Key (⊙) (OK).

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# calls

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To make and answer calls, see page 13.

## redial a number

**Note:** The **ALL CALLS** list includes numbers that were busy when you dialed.

- 1 Press the Send Key () to see the **ALL CALLS** list.

The **ALL CALLS** list includes PTT calls if **PTT Mode** is set to **On** (see page 55) and the PTT contacts are available for PTT calls. PTT calls are identified by PTT call icons (see page 64).

- 2 Use the Directional Key () to scroll to the entry you want to call.
- 3 **For voice calls**, press the Send Key () to redial the number.

**For PTT calls**, press the PTT Key or the Left Soft Key (**Alert**) to call the entry's number. (For more information on making a PTT call, see page 59.)

**Note:** The **ALL CALLS** list includes numbers that were busy when you dialed.


## automatic redial



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

With automatic redial, your phone automatically redials the number for four minutes. When the call goes through, your phone rings or vibrates once, displays **Redial Successful**, and connects the call.

You need to turn on automatic redial to use the feature:

- 1 From the main screen, press the Center Select Key (ⓘ) (MENU) to open the menu.
- 2 Use the Directional Key (⬇️) to scroll to  **Settings & Tools** and press the Center Select Key (ⓘ) (OK).
- 3 Scroll to **Call Settings** and press the Center Select Key (ⓘ) (OK).
- 4 Select **Auto Retry** and press the Center Select Key (ⓘ) (OK).
- 5 Select **On** and press the Center Select Key (ⓘ) (OK).


When automatic redial is turned off, you can manually activate it to redial a number. When you hear a fast busy signal and see **Call Failed**, press the Send Key (SEND) or **RETRY** to automatically redial.

## recent calls

Your phone keeps lists of the calls you have received and dialed, even if the calls didn't connect. The most

recent calls are listed first. The oldest calls are deleted as new calls are added.


Your phone's recent calls lists include PTT calls if **PTT Mode** is set to **On** (see page 55) and the PTT contacts are available for PTT calls. PTT calls are identified in the list by PTT call icons (see page 64).

- 1 From the main screen, press the Center Select Key (ⓘ) (MENU) to open the menu.
- 2 Use the Directional Key (⬇️) to scroll to  **Recent Calls** and press the Center Select Key (ⓘ) (OK).
- 3 Scroll to **Missed**, **Received**, **Dialed**, or **All** and press the Center Select Key (ⓘ) (OK) to select the list.
- 4 Scroll to an entry.
- 5 **For voice calls**, press the Send Key (SEND) to call the entry's number, **or** press the Left Soft Key (**Message**) to send a message to the entry's number.

**For PTT calls**, press the PTT Key or the Left Soft Key (**Alert**) to call the entry's number. (For more information on making a PTT call, see page 59.)

Press the Center Select Key (  ) (**OPEN**) to view entry details.

Press the Right Soft Key (**Options**) to perform other actions on the entry.


**Shortcut:** Press the Send Key (  ) from the main screen to view the **ALL CALLS** list.

The **Options** menu can include these options:




options	
<b>New Text Message</b>	Send a text message to the selected call contact (see page 69).
<b>New Picture Message</b>	Send a picture message to the selected call contact (see page 67).
<b>New Video Message</b>	Send a video message to the selected call contact (see page 67).


options	
<b>Save</b>	Create a <b>Contacts</b> entry for the call.  <b>Note:</b> This option appears only if the entry is not already in <b>Contacts</b> .
<b>Details</b>	View detailed information about the call.
<b>Erase</b>	Delete the selected entry (if the entry is not locked).
<b>Lock/Unlock</b>	Lock selected entry so it cannot be erased. When you select <b>Unlock</b> , the entry can be erased.
<b>Erase All</b>	Delete all unlocked entries.
<b>View Timers</b>	Go to the <b>View Timers</b> screen to see the length of each call.

# return missed calls




Your phone keeps a record of your missed calls. When you miss a call, your phone displays the  (missed call) indicator and **[Number] Missed Calls**.


To view missed calls **immediately**:

- 1 Select **View Now** when you see the missed call indicator, and press the Center Select Key () (**OK**).
- 2 Use the Directional Key () to scroll to an entry.
- 3 Press the Send Key () to call the entry's number, **or** press the Left Soft Key (**Message**) to send a message to the entry's number.

Press the Center Select Key () (**OPEN**) to view entry details.

Press the Right Soft Key (**Options**) to perform other actions on the entry.

- 1 Select **View Now** when you see the missed call indicator, and press the Center Select Key () (**OK**).
- 2 Use the Directional Key () to scroll to an entry.
- 3 Press the Send Key () to call the entry's number, **or** press the Left Soft Key (**Message**) to send a message to the entry's number.

Press the Center Select Key () (**OPEN**) to view entry details.

Press the Right Soft Key (**Options**) to perform other actions on the entry.

To view missed calls **later**:

Select **View Later** when you see the missed calls indicator. For more information on viewing and calling missed calls, see page 43.

# speed dial

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

To **assign a speed dial number** to a contact, see page 98.

To **see a contact's speed dial number:**

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⬇️) to scroll to the contact and press the Center Select Key (⬇️) (**View**). The speed dial number is displayed with the ⚡ icon.

To **activate speed dialing**, you must set **One Touch Dial** to **On**:

- 1 From the main screen, press the Center Select Key (⬇️) (**MENU**) to open the menu.

- 2 Use the Directional Key (⬇️) to scroll to ⚙️ **Settings & Tools** and press the Center Select Key (⬇️) (**OK**).
- 3 Scroll to **Call Settings** and press the Center Select Key (⬇️) (**OK**).
- 4 Scroll to **One Touch Dial** and press the Center Select Key (⬇️) (**OK**).
- 5 Scroll to **On** and press the Center Select Key (⬇️) (**OK**).

To **speed dial an entry:**

Call speed dial entries 1 through 9 by pressing and holding the one-digit speed dial number for one second.


For two-digit speed dial numbers, enter the first number, then press and hold the second number for one second.




## emergency calls

Your service provider programs one or more emergency phone numbers, such as 911, that you can call at any time, **even when your phone is locked**.

**Note:** Check with your service provider, as emergency numbers vary by country. Your phone may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues. Do not solely rely on your wireless phone for essential communications such as medical emergencies.


**To make an emergency call:** Turn your phone on, exit any open application such as games, dial the emergency number, then press the Send Key () to call the emergency number.

## international calls

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




## voicemail

Your network stores the voicemail messages you receive. When you **receive** a voicemail message, your phone shows the voicemail message indicator .



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

Select **Listen Now** by pressing the Center Select Key () (OK) to dial voicemail.

**or**

Use the Directional Key (⤿) to scroll to **Listen Later**, then press the Center Select Key (Ⓞ) (OK).

The voicemail message indicator (📞) appears on the bottom of the screen until you listen to your message or until you go to **Messaging > Voicemail** and press the Left Soft Key (Clear).

**To check voicemail messages later**, press and hold **1** to call your voicemail number, or go to **Messaging > Voicemail** and press the Center Select Key (Ⓞ) (OK).

## in-call options

During an active call, press **OPTIONS** to access these options:

Messaging

Contact List

Recent Calls

Bluetooth Menu

Main Menu

Notepad

Voice Record

**Note:** When your phone is connected to a Bluetooth device during a call, you may also see **Audio to Phone** and **Disconnect Bluetooth** options. When your phone is in a TTY mode (see page 25), you may also see a **TTY Setup** option.


## 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 the Power/End Key (⏻). This time includes busy signals and ringing.

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


## call times



- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Recent Calls** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **View Timers** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll through the following categories: **Last Call**, **All Calls**, **Received Calls**, **Dialed Calls**, **Roaming Calls**, or **Lifetime Calls**. Press the Clear Key (⏏) to return to the **Recent Calls** menu.

## set in-call timer




- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).

- 3 Scroll to **Sound Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Service Alerts** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Minute Beep** and press the Center Select Key (⊙) (OK).
- 6 Scroll to **On** and press the Center Select Key (⊙) (OK).

## data volumes




- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Recent Calls** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **View Timers** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll through the following categories: **Transmit Data**, **Received Data**,

**Total Data**, or **Lifetime Data Counter**. Press the Clear Key (☰).

## reset timer




- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Recent Calls** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **View Timers** and press the Center Select Key (⊙) (OK).
- 4 Scroll to the timer you want to reset and press the Left Soft Key (Reset).

To reset all timers, press the Right Soft Key (Reset All).

- 5 Select **Yes** by pressing the Center Select Key (⊙) (OK).

## view last reset



- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Recent Calls** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **View Timers** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Last Reset** to view details.
- 5 When you are finished, press the Center Select Key (⊙) (OK).

## more calling features

### restrict features



- 1 Press the Center Select Key (⊙) (MENU) to open the menu.

- 2 Use the Directional Key (⬅️) to scroll to **SETTINGS TOOLS** and press the Center Select Key (⬇️) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (⬇️) (OK).
- 4 Scroll to **Security** and press the Center Select Key (⬇️) (OK).
- 5 When prompted, enter the lock code (see page 19) and press the Center Select Key (⬇️) (OK).
- 6 Scroll to **Restrictions** and press the Center Select Key (⬇️) (OK).
- 7 When prompted, enter the lock code (see page 19) and press the Center Select Key (⬇️) (OK).
- 8 Select **Location Setting** and press the Center Select Key (⬇️) (OK), then select **Unlock Setting** or **Lock Setting**.

**or**

Select **Calls** and press the Center Select Key (⬇️) (OK), then select **Incoming Calls** or **Outgoing Calls**.

**or**

Select **Messages** and press the Center Select Key (⬇️) (OK), then select **Incoming Msgs** or **Outgoing Msgs**.

**or**

Select **Dial-Up Modem** and press the Center Select Key (⬇️) (OK), then select **Allow** or **Block**.

- 9 Press the Power/End Key (⏻) to return to the main screen.

## insert special characters




While entering a number, press the Right Soft Key (**Options**) and select one of these options:

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

## DTMF tones

Your phone can send *Dual-tone multi-frequency* (DTMF) tones for calling card calls or to navigate automated systems (such as banking by phone).


### To set up DTMF tones:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **DTMF Tones** and press the Center Select Key (⊙) (OK).
- 5 Select **Normal** or **Long** and press the Center Select Key (⊙) (OK).

**To send DTMF tones during a call**, press number keys.

## hearing aid

If you use a hearing aid, set your phone for hearing aid compatibility:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Hearing Aid** and press the Center Select Key (⊙) (OK).
- 5 Select **On** and press the Center Select Key (⊙) (OK).

**Note:** For more information about hearing aid compatibility, see "Hearing Aid Compatibility with Mobile Phones" on page 133.


# text entry

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**To change modes** when you are entering text, press the Left Soft Key:

entry modes	
iTAP English Word	The phone predicts each word (in English) as you press keys.
iTAP Spanish Word	The phone predicts each word (in Spanish) as you press keys.
Abc	Enter numbers and letters, first character of a sentence in uppercase.
ABC	Enter numbers and letters, all characters in uppercase (not available when editing a contact).
123	Enter numbers only.

entry modes	
Symbols	Enter symbols.
Quick Text	Insert a prewritten message (available only from the <b>NEW TXT MESSAGE</b> screen).



**When text mode is set to iTAP English or iTAP Spanish,** press  in any text entry screen to toggle between these capitalization options:

capitalization options	
iTAPEn	first letter of sentence in uppercase (English)
iTAPEN	all uppercase letters (English)
iTAPen	all lowercase letters (English)

capitalization options	
iTAPes	first letter of sentence in uppercase (Spanish)
iTAPES	all uppercase letters (Spanish)
iTAPes	all lowercase letters (Spanish)

**To accept** a word completion, press  right.

**To enter a space**, press .

**To delete a character**, press the Clear Key  (to delete a whole word, press and hold the Clear Key .



# push to talk


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Your phone supports *Push to Talk* (PTT), which allows you to use your phone like a walkie-talkie to communicate with an individual or group of individuals who are also Verizon Wireless® Push To Talk subscribers.





## activate PTT mode

You must activate PTT mode to use the PTT functions of your phone (for example, access the **PTT CONTACT LIST**, send and receive PTT calls, etc.).

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (**OK**).

- 3 Scroll to **Call Settings** and press the Center Select Key (⊙) (**OK**).
- 4 Scroll to **PTT Mode** and press the Center Select Key (⊙) (**OK**).
- 5 Scroll to **On** and press the Center Select Key (⊙) (**OK**).


The signal strength indicator reverses colors when **PTT Mode** is set to **On** and the phone is registered with the PTT server.  indicates the phone is registered.  indicates the phone is not registered. **Your phone must be registered to make or receive PTT calls.**

# PTT contacts & groups

You can store PTT contacts to make private (one-to-one) calls and create PTT groups to make group calls.


## add a PTT contact

**Note:** PTT Mode must be set to **On** (see page 55) to use PTT features.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Press the Center Select Key (⊙) (OK) to select  **Contacts**.
- 3 Use the Directional Key (⊙) to scroll down to **New PTT Contact** and press the Center Select Key (⊙) (OK).
- 4 Enter a name and ten-digit phone number for the contact and press the Center Select Key (⊙) (SAVE).

## add groups

**Note:** PTT Mode must be set to **On** (see page 55) to use PTT features.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Press the Center Select Key (⊙) (OK) to select  **Contacts**.
- 3 Use the Directional Key (⊙) to scroll down to **PTT Groups** and press the Center Select Key (⊙) (OK).
- 4 Press the Left Soft Key (**New**) to add a new PTT group.
- 5 Enter a name for your group and press the Center Select Key (⊙) (SAVE).

You will see **Update in Progress** followed by **PTT Group Saved**.

- 6 Scroll to the group you just created and press the Center Select Key (⊙) (View) to view a list of PTT contacts who can be added as group members.

- 7 Press the Center Select Key (⊙) (Add) to add new members.
- 8 Select members from your PTT contacts by pressing the Center Select Key (⊙) (MARK). When finished adding members, press the Left Soft Key (Done). You will see **Update in Progress**, followed by **PTT Group Updated**.

## manage contacts & groups

### To manage PTT contacts:

**Note:** PTT Mode must be set to On (see page 55) to use PTT features.

- 1 Press the PTT Key to access the **PTT CONTACT LIST**.
- 2 Use the Directional Key (⊙) to scroll to an entry.
- 3 Press the Center Select Key (⊙) (VIEW) to see contact details.


or

Press the Right Soft Key (Options) to view these options: **New PTT Contact**, **Copy to Contacts**, **Temp PTT Group**, **Erase**, **Edit**, **Call**, **New Text Message**, **New Picture Message**, **New Video Message**, **Sort**.

**Note:** You can edit only the name of a PTT contact, not the number. To change the number, you must first erase the old contact and then create a new entry.

### To manage PTT groups:

**Note:** PTT Mode must be set to On (see page 55) to use PTT features.

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Press the Center Select Key (⊙) (OK) to select  **Contacts**.
- 3 Use the Directional Key (⊙) to scroll down to **PTT Groups** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll to an entry.

- 5 Press the Center Select Key (Ⓞ) (VIEW) to see group details.

or

Press the Right Soft Key (Options) to view these options: **Rename, Erase, Add, Sort.**

## PTT calls

**Note:** PTT Mode must be set to **On** (see page 55) to use PTT features.

You can make a **private** PTT call or a **group** PTT call to other Verizon Wireless® PTT subscribers.

A **private** PTT call is a one-to-one call to another Verizon Wireless PTT subscriber that you initiate by entering the recipient's ten-digit number or by selecting an entry in your **PTT CONTACT LIST**.

A **group** call is a call to all available members of the selected group from your **PTT CONTACT LIST** or **PTT GROUPS** list.

You can make two types of PTT calls:

- **Alert call**—When you place an *alert call*, the PTT call recipient's phone plays an audible tone and displays a message indicating that someone wants to speak to the recipient. The recipient can accept or decline the call. **Alert calls can't be sent to groups.**
- **Barge call**—When you place a *barge call*, the recipient's phone plays an audible tone, and the call automatically connects.

### PTT call basics

**To speak** during a PTT call, hold the PTT Key and speak after the tone. Only one person can speak at a time.

**To let others speak**, release the PTT Key.

To end a call, press the Power/End Key (≡).

## make a PTT call

**Note:** To make PTT calls, you must set **PTT Mode** to **On** (see page 55).

### barge call from PTT Contact List

- 1 Press the PTT Key to access your **PTT CONTACT LIST**.
- 2 Use the Directional Key (⊙) to highlight the PTT Contact entry you want to call.
- 3 **Press and hold** the PTT Key, and listen for the “OK to Talk” tone. The message **Connected to** will appear on the main screen. Speak while holding the PTT Key down.
- 4 Release the PTT Key when finished speaking. This allows the called party to reply.
- 5 Press the Power/End Key (≡) to end the call.

### alert call from PTT Contact List

You can send an alert to any user with Verizon Wireless PTT service. The called party may answer or ignore the alert.

- 1 Press the PTT Key to access your **PTT CONTACT LIST**.
- 2 Use the Directional Key (⊙) to highlight the PTT Contact entry you want to call.
- 3 Press the Left Soft Key (**Alert**). Your phone will display **Press PTT Key to Alert**.
- 4 Press the PTT key to alert the selected individual. Your phone plays “PTT Outgoing Alert” tones and displays **Alerting**.

If the called party answers the alert, your phone displays **Listening to**, and you will hear the called party speaking. If the called party chooses to ignore the alert, or if the phone is unavailable to accept a PTT call, your phone will display **Unavailable**.

When the called party is finished speaking, you will hear the “Floor Available” tone, and your phone will display **Connected to**.

- 5 Press and hold the PTT Key to talk.
- 6 Release the PTT Key when finished speaking. This allows the called party to reply.
- 7 Press the Power/End Key (≡) to end the call.

### **barge call from keypad**

- 1 Enter the ten-digit wireless number of the Verizon Wireless PTT subscriber you wish to contact.
- 2 Press the PTT Key. Listen for the “Okay to Talk” tone. Your phone will display **Connected to**. Speak while holding the PTT Key down.

If the wireless number you entered is included in your PTT Contact List, the contact name will replace the wireless number entered on the screen when the call is initiated.

- 3 Release the PTT Key when finished speaking. This allows the called party to reply.
- 4 Press the Power/End Key (≡) to end the call.

### **alert call from keypad**

- 1 Enter the ten-digit wireless number of the Verizon Wireless PTT subscriber you wish to contact.
- 2 Press the Left Soft Key (**Alert**).
- 3 Press and release the PTT Key to alert the individual.

Your phone plays the PTT “Outgoing Alert” tone and displays **Alerting**. If the wireless number you entered is included in your PTT Contact List, the contact name will replace the wireless number entered on the screen when the alert is initiated.

If the called party answers the alert, your phone displays **Listening to**, and you will hear the called party speaking. If the called party chooses to ignore the

alert, or if the phone is unavailable to accept a PTT call, you will see **Unavailable**

When the called party is finished speaking, your phone plays the “Floor Available” tone and display **Connected to**.

- 4 Press and hold the PTT Key to talk.
- 5 Release the PTT Key when finished speaking. This allows the called party to reply.
- 6 Press the Power/End Key (≡) to end the call.

## temporary group calls

You can set up a temporary group call to a set of PTT contacts already in your PTT contact list. A *temporary group* is a new group that you define for a single call and is not stored as a group in the PTT contact list.

**Note:** To make PTT calls, you must set **PTT Mode** to **On** (see page 55).

- 1 Press the PTT Key to access the **PTT Contact List**.

- 2 Press the Right Soft Key (**Options**).
- 3 Select **Temp PTT Group** and press the Center Select Key (⊙) (**OK**).
- 4 Press the Center Select Key (⊙) (**ADD**) to add new members.
- 5 Select members from your PTT contacts by pressing the Center Select Key (⊙) (**MARK**). When finished adding members, press the Left Soft Key (**DONE**).
- 6 Press and hold the PTT Key to make a barge call to the group you just defined.

**Note:** After you define a temporary group for the first time, your phone automatically includes the PTT contacts from that group in the next temporary group you define. For your next temporary group call, you can add and remove PTT contacts as desired.

**Tip:** If you decide you want to **keep a temporary group**, you can save it as a permanent group: In the

**TEMP PTT GROUP** screen, press the Right Soft Key (**Options**), then select **Save As PTT Group** and press the Center Select Key (●) (**OK**).

## answer a PTT call

**Note:** To receive PTT calls, your must set **PTT Mode** to **On** (see page 55).

## incoming barge call

When you receive a barge call, your phone plays the “Barge” tone. You then hear the calling party speaking. Your phone will display the calling party’s wireless number. If the calling party’s number is saved in your PTT Contact List, the contact name will replace the wireless number on the screen.

- 1 Press and hold the PTT Key to talk.
- 2 Release the PTT Key to let the other party talk.
- 3 Press the Power/End Key (≡) to end the call.

## incoming alert call

When you receive an alert, your phone plays a PTT tone (see pages 31 and 63) and displays **Incoming Alert**, along with the phone number or contact name of the calling party. The PTT tone repeats until it is answered or ignored, or until twenty seconds have passed.

- 1 You can choose to answer or ignore the alert.  
**To answer the alert**, press and hold the PTT Key, and begin talking. **To ignore the alert**, press the Right Soft Key (**Ignore**).
- 2 Release the PTT Key to let the other party talk.
- 3 Press the Power/End Key (≡) to end the call.

## return the last PTT call

**To quickly call the last PTT call that you dialed or received:** Press and hold the PTT Key. The phone finds the last call you made or received and makes a barge call to that number.



## handsfree speaker for PTT calls

**Caution:** During an active PTT call, pressing the Smart/Speakerphone Key, **with the flip closed**, ends the call.

When you **make or receive a PTT call**, your phone automatically uses the handsfree speaker (see page 18) during the call unless you have set **Master Volume** to **Vibrate Only**, **Alarm Only**, or **All Sounds Off** (see page 17). Once on a PTT call, you can turn the speakerphone off and on if you press and hold the Smart/Speakerphone Key, with the flip open.

## PTT tones




Your phone plays **audible PTT tones** when:


- you can speak during an active PTT call (no one else is speaking)
- you are receiving a barge call

- you push a button while someone else on the call is talking
- you are receiving an alert call
- you have originated an alert call
- the phone you are calling is busy or unavailable
- when the floor is available for you to speak










## PTT indicators


When you view PTT contacts and groups, the following indicators beside the entries show their **availability**:

indicator & message	status
 <b>Individual available</b>	contact online (available for PTT call)
 <b>Individual unavailable</b>	contact offline (unavailable)
 <b>Group available</b>	group online (available)






indicator & message	status
 Group unavailable	group offline (unavailable)

The following indicators show **PTT call status**:

indicator & message	
 Connecting to <i>contact</i>	
 Connected to <i>contact</i>	
 Connecting to <i>group</i>	
 Connected to <i>group</i>	
 Talking to <i>contact</i>	
 Talking to <i>group</i>	
 Listening to <i>contact</i>	
 Listening to <i>group</i>	
 Alerting <i>contact or group</i>	

indicator & message
 Call ended <i>contact or group</i>

The following indicators show **recent PTT calls**:

indicator	status
	received call from contact
	received call from group
	calling contact
	calling group
	missed call from contact or group

## store a phone number

To store a phone number when **PTT Mode is set to On**:

- 1 From the main screen, use the keypad to enter a phone number and press the Right Soft Key (**Options**).
- 2 Use the Directional Key (⬇️) to scroll to **Save** and press the Center Select Key (⬇️) (**OK**).
- 3 To save the number in **Contacts**, use the Directional Key (⬇️) to scroll to **Add New Contact**, press the Center Select Key (⬇️) (**OK**), then scroll to an entry type and press the Center Select Key (⬇️) (**OK**).
- 4 Use the keypad to enter a name and other details for the number.
- 5 Press the Center Select Key (⬇️) (**Save**) to store the number.

## Push to Talk

Push to Talk calls may only be made with other Verizon Wireless® Push to Talk subscribers, and only from the National Enhanced Services Rate and Coverage Area. For optimal Push to Talk performance, all callers on a Push to Talk session must have an EVDO capable device and be receiving EVDO service. A Push to Talk call is terminated by pressing **END** or will automatically time out after ten (10) seconds of inactivity. While you are on a Push to Talk call, voice calls received will go directly to Voice Mail. When you are on a voice call, you cannot receive a Push to Talk call. You cannot prevent others who have your wireless phone number from entering you into their Push to Talk contact list. Only one person can speak at a time during Push to Talk calls. When using your phone keypad to make a Push to Talk call, you must enter the ten-digit phone number of the called party. Presence information may not be available for all Push to Talk contacts. The timeliness of presence information may be impacted by the network

registration status of a Push to Talk contact. Your Push to Talk service cannot be used for any applications that tether your phone to computers or other devices for any purpose. Push to Talk-capable phone and service required.

DRAFT

# messages


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## send a multimedia message



A *multimedia message* contains embedded media objects (possibly including pictures, videos, sounds, or voice records). You can send a multimedia message to other Verizon Wireless® multimedia messaging-capable phones and to other email addresses.

### create & send message

- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Press the Center Select Key (⊙) (**OK**) to select **New Message**.
- 3 Use the Directional Key (⊙) to scroll to **Picture Message** or **Video Message** and press the Center Select Key (⊙) (**OK**).
- 4 Use the keypad to enter a phone number, then press the Center Select Key (⊙) (**OK**).  
Press the Right Soft Key (**Add**), then select **From Contacts**, **Recent Calls**, or **Groups**, and press the Center Select Key (⊙). For each entry you want to add, scroll to the entry and press the Center Select Key (⊙) (**MARK**). Press the Left Soft Key (**Done**) when finished selecting entries.
- 5 Scroll to the **Text** entry area and use the keypad to enter message text.
- 6 For a picture message, scroll to the **Picture** entry area and press the Left Soft Key (**My Pics**).

For a video message, scroll to the **Video** entry area and press the Left Soft Key (**Videos**).

- 7 For a picture message, scroll to a picture and press the Center Select Key (OK).

For a video message, scroll to a video and press the Center Select Key (OK).

- 8 For a **Picture** message, scroll to the **Sound** entry area and press the Left Soft Key (**Sounds**). Then scroll to a sound and press the Center Select Key (OK).

- 9 Scroll to **Subject**.

- 10 Use the keypad to enter the message subject.

Press the Right Soft Key (**Options**), scroll to **Add Quick Text** and press the Center Select Key (OK). Then select a **Quick Text** item as the message subject and press the Center Select Key (OK).

- 11 Press the Center Select Key (SEND) to send the message.

## message options



While creating a multimedia message, press the Right Soft Key (**Options**) to select from the following options:

option	
<b>Preview</b>	View the current contents of the message.
<b>Save As Draft</b>	Save the message to the <b>Drafts</b> folder.
<b>Add Quick Text</b>	Insert prewritten text.
<b>Priority Level</b>	Set to <b>High</b> or <b>Normal</b> .
<b>Remove Picture/Remove Video/Remove Sound</b>	Remove a picture or video clip from the message.
<b>Validity Period</b>	Specify how long the message stays in the <b>Outbox</b> folder.
<b>Add Slide</b>	Add a page to the message.




option	
Cancel Message	Cancel the message.


## receive a multimedia message

When you receive a multimedia message, your phone displays a **NEW PIC/VIDEO MSG** notification, and plays an alert sound.

To view the message immediately, scroll to **View Now**, and press the Center Select Key (). To save it in your **Inbox** to view later, scroll to **View Later** and press the Center Select Key (.

### To view messages in your Inbox:


- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Inbox** and press the Center Select Key () (**OK**).

- 3 Scroll to the desired message.
- 4 Press the Center Select Key () (**OPEN**) to open the message.

Multimedia messages that you receive can contain different media objects:

- Pictures and animations are displayed as you read the message.
- A sound file begins playing when its slide is displayed. Use the Volume Keys to adjust the volume as the sound file plays.

## send a text message

- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Select **New Message** by pressing the Center Select Key () (**OK**).

3 Select **TXT Message** by pressing the Center Select Key (OK).

4 Use the keypad to enter a phone number, then press the Center Select Key (OK).

Press the Right Soft Key (**Add**), then select **From Contacts**, **Recent Calls**, or **Groups**, and press the Center Select Key (OK). For each entry you want to add, scroll to the entry and press the Center Select Key (OK) (**MARK**). Press the Left Soft Key (**Done**) when finished selecting entries.

5 With the flashing cursor in the **Text** entry area, use the keypad to enter a message.

When you are entering text, you can press the Right Soft Key (**Options**) to perform other actions with the message: **Save As Draft**, **Add Graphic**, **Add Sound**, **Add Quick Text**, **Priority Level**, **Validity Period**, **Cancel Message**, or **Add Name Card**.

6 Send the message by pressing the Center Select Key (SEND).

## view sent messages



1 From the main screen, press the Left Soft Key (**Message**) to open **MESSAGING**.

2 Use the Directional Key (OK) to scroll to **Sent** and press the Center Select Key (OK).

3 Scroll to the message you want to view and press the Center Select Key (OPEN).

4 Press the Right Soft Key (**Options**) to perform other actions on the message, such as **Forward**, **Resend**, **Lock** (to prevent deletion), **Add to Contacts**, **Erase Sent**, **Message Info**, or **Sort By**.

**Note:** The options you see may be different than the options listed above.



## read received message



- 1 From the main screen, press the Left Soft Key (**Message**) to open **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Inbox** and press the Center Select Key () (**OK**).
- 3 Scroll to the message you want to read and press the Center Select Key () (**OPEN**).
- 4 Press the Right Soft Key (**Options**) to perform other actions on the message, such as **Forward**, **Reply w. Copy**, **Save Quick Text**, **Lock** (to prevent deletion), **Message Info**, or **Compose Message**.

**Note:** You may see other options depending on the type of message received.

To make a voice call to the contact who sent the message, press the Send Key ().

To make a PTT barge call to a number in the message, scroll to the number and press and hold the PTT key. (For more information on making a PTT barge call, see page 59.) The contact must be a valid PTT subscriber.

## view drafts



- 1 From the main screen, press the Left Soft Key (**Message**) to open **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Drafts** and press the Center Select Key () (**OK**).
- 3 Scroll to the message you want to view and press the Center Select Key () (**EDIT**).

To delete the message, press the Left Soft Key (**Erase**). To confirm deletion, scroll to **Yes** and press the Center Select Key () (**OK**).

Press the Right Soft Key (**Options**) to perform other actions on the message, such as **Send**, **Lock**, and **Erase Drafts** (to erase all drafts).




**Note:** Other options may be available depending on the type of message you are viewing.


## mobile IM



**Note:** When you use Instant Messaging, on your phone, normal airtime and/or carrier usage charges apply.

Access your internet Instant Messaging account to exchange messages in real time with family and friends.





- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Mobile IM** and press the Center Select Key () (**OK**).

- 3 Scroll to your mobile IM account type and press the Center Select Key ()
- 4 Enter your name or account name and password to sign in.

## email



Access your internet email account to exchange email from your phone:





- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Email** and press the Center Select Key () (**OK**).
- 3 Scroll to your email account type and press the Center Select Key ()
- 4 Enter your name or account name and password to sign in.

# chat



**Note:** When you use your internet chat account on your phone, normal airtime and/or carrier usage charges apply.





Access your internet chat account to chat with family and friends in real time:




- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Use the Directional Key () to scroll to **Chat** and press the Center Select Key () (**OK**).
- 3 Scroll to your Chat account type and press the Center Select Key () .
- 4 Enter your name or account name and password to sign in.

# erase messages



To erase all **read messages** from your inbox:

- 1 From the main screen, press the Left Soft Key (**Message**) to open  **MESSAGING**.
- 2 Press the Right Soft Key (**Options**).
- 3 Use the Directional Key () to scroll to **Erase Inbox** or **Erase All** and press the Center Select Key () (**OK**). Select **All Messages** or **Only Read Messages** and press the Center Select Key () (**OK**).

Use the Directional Key () to scroll to **Erase Drafts** or **Erase Sent** and press the Center Select Key () (**OK**). Select **Yes** or **No** and press the Center Select Key () (**OK**).

# entertainment

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## get & play music

Use the **MUSIC & TONES** menu to:

- get new music and tones
- play saved music in **MY MUSIC**
- record new sounds
- set music or tones as your ringtone

## V CAST Music with Rhapsody



**Note:** Your phone must be in an EVDO coverage area to download music. If you are in an EVDO coverage area, your phone displays the EV symbol with at least one signal strength bar in the status area of the screen (see page 15).

V CAST Music with Rhapsody is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. Download V CAST Music with Rhapsody to sync tracks, albums, and playlists to your new compatible phone, while managing your existing PC music library, all in one place.

## purchase songs on your phone

When you purchase music using your V CAST Music with Rhapsody-capable phone\*, you receive a second copy of the music that you can download to your PC using V CAST Music with Rhapsody on your PC.

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.

---

\* Per-song charges apply.

- 2 Use the Directional Key (⬅️) to scroll to **Media Center** and press the Center Select Key (Ⓞ) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (Ⓞ) (OK).
- 4 Select **V CAST Music** by pressing the Center Select Key (Ⓞ) (OK).
- 5 Browse or search the catalog to find the songs you want.  
To preview a song, highlight the song and press the Left Soft Key (**Preview**).
- 6 To buy a song, highlight the song and press the Center Select Key (Ⓞ) (**Buy**).  
After you press **Buy**, your phone shows song details and price.
- 7 Press the Center Select Key (Ⓞ) (**Buy**) to confirm your selection.

- 8 When you see **Download now?** on the main screen, press the Center Select Key (Ⓞ) (OK) to start the downloading process, or press the Left Soft Key to download later.
- 9 When prompted to select a storage location, scroll to **Phone Memory** or **Memory Card** and press the Center Select Key (Ⓞ) to begin downloading.

Your phone displays a status indicator. After downloading, you must wait for the phone to acquire the content license.

- 10 Press the Right Soft Key (**Play**) to play the downloaded song immediately.  
Press the Left Soft Key (**My Music**) to go to **MY MUSIC**.  
Press the Center Select Key (Ⓞ) (OK) to return to the previously viewed music catalog.

## transfer music from a computer



You can use V CAST Music with Rhapsody to transfer songs from a computer to your phone through a USB cable connection. You can purchase these songs using V CAST Music with Rhapsody or import them from your CD collection.

### computer system requirements

**To transfer music from a computer to your phone,** you need the Windows XP® or Windows Vista® operating system and an active internet connection.

### **To download V CAST Music with Rhapsody for free:**

- 1 From your computer's web browser, go to <http://www.verizonwireless.com/music>.
- 2 Follow the on-screen instructions to select, download, and install V CAST Music with Rhapsody for your phone.

## downloading and purchasing music using V CAST Music with Rhapsody

### **To download copies of music purchased using your phone:**

- 1 On your computer, launch V CAST Music with Rhapsody.
- 2 Click on the "Log In" button, then log in by entering your mobile phone number and password.

For each V CAST Music with Rhapsody track you've downloaded to your phone, you can download a copy to your computer at no additional charge. Song tracks available for free download will pop up when you complete the login process.

- 3 Check the boxes beside the songs you wish to download.
- 4 Select "Download Tracks."

Downloading can take several minutes.

- 5 When downloading is complete, click on the “My Library” tab in the V CAST Music with Rhapsody” window to find and play the song(s) you downloaded.

**To buy music from the V CAST Music Store:**

- 1 On your computer, launch V CAST Music with Rhapsody.
- 2 In the V CAST Music with Rhapsody window, click on the “BUY MUSIC” tab.
- 3 Click on the “Log In” button, then log in by entering your mobile phone number and password.

If you have not registered yet, click on the “Register” button, then follow the instructions to register and get your password.

- 4 Browse or search the store to find the songs you want.

To preview a song, click on the headset icon next to the song title.

- 5 To buy a song, click on the “Purchase” or “Buy” button next to the song title.
- 6 Repeat steps 4 and 5 to add more songs to your shopping cart.
- 7 When you finish shopping, click on “MY PURCHASES,” follow the on-screen instructions to complete your purchase(s) and download the song(s) you have purchased.

Downloading can take several minutes.

- 8 When downloading is complete, click on the “My Library” tab in the V CAST Music with Rhapsody” window to find and play the song(s) you downloaded.

To transfer the songs to your phone, see “sync music from your PC to your V CAST Music with Rhapsody phone” on page 78.

## import songs from an audio CD

- 1 On your computer, launch V CAST Music with Rhapsody.
- 2 Insert an audio CD into your computer's CD ROM drive.
- 3 If the "Music on My CD" window is not already open in V CAST Music with Rhapsody, click on the "MUSIC ON MY CD" tab.

The names of all the tracks on the CD are listed in the window. (You may need to enter artist name and other information for the tracks.)

- 4 Select the tracks you want to import or "Rip" by clicking the check box next to them.

Select **all** tracks by checking the "Title" check box at above the list of tracks.

- 5 Click on the "Rip CD" button.

The songs you selected are imported to the V CAST Music Manager.

To transfer the songs to your phone, see "sync music from your PC to your V CAST Music with Rhapsody phone" on page 78.

## sync music from your PC to your V CAST Music with Rhapsody phone



- 1 **On your computer**, launch V CAST Music with Rhapsody.
- 2 Connect the USB cable (purchased separately) to your phone and to an available USB port on your computer.

If this is the first time you have connected the phone to a computer with a USB cable, additional software drivers may be installed. (For more information on using a USB cable connection, see page 119.)



The **SYNC MUSIC V CAST MOBILE PHONE** screen appears on your phone. Your phone should display **Connected**.

- 3 On your computer**, click on the “Sync List” button to open an empty sync list.
- 4 On your computer**, drag each song you want to sync “My Library” and drop it on the Rhapsody mobile phone, listed under the “Sources” tab.
- 5 On your computer**, click “Sync now.”  
You computer syncs the songs from the sync list with your phone.
- 6 On your phone**, when synchronization is complete, press the Power/End Key (⏻).
- 7** Disconnect the cable from the phone and the computer.

You can now use your phone’s music player to play the songs you transferred from your computer.

**Tip: When PTT is not active** (see page 55), press the

## play music—flip closed

When your phone’s flip is closed, you can use the Music Buttons (see page 2) to control the music player. To **activate the Music Buttons**, press any side key except the PTT Key.

**To turn the music player on and off and make menu selections:**

Music Buttons	
<b>turn music player on &amp; off</b>	Press & <b>hold</b> ▶   (for at least four seconds).
<b>scroll up/down through menu</b>	Press & <b>release</b> ▶  or  ◀.
<b>select menu option</b>	Press & <b>release</b> ▶  .

PTT key to turn on the music player.

## To control music playback:

Music Buttons	
<b>pause/play</b>	Press & <b>release</b> y.
<b>fast forward</b>	Press & <b>hold</b> ► (for at least two seconds).
<b>skip to next song</b>	Press & <b>release</b> ►.
<b>rewind</b>	Press & <b>hold</b> ◀ (for at least two seconds).
<b>skip back to previous song</b>	Press & <b>release</b> ◀.

## play music—flip open

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to **Media Center** and press the Center Select Key (⊙) (OK).

- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll to **My Music** and press the Center Select Key (⊙) (OK).



- 5 Use the Directional Key (⊙) to scroll to **Songs** and press the Center Select Key (⊙) (OK).

- 6 Use the Directional Key (⬅️) to scroll to a song and press the Center Select Key (Ⓞ) (Play) to play it.

The **HOME**, **SEARCH**, and **HELP** options appear on all screens in **MY MUSIC**.

The **MY MUSIC** menu includes these options:

option	
<b>Genres</b>	Find & play music from a specific <i>genre</i> (type of music) such as rock, jazz, or blues.
<b>Artists</b>	Find & play music by a specific artist.
<b>Albums</b>	Find & play music from a specific album. <b>Note:</b> Even if you have only one song from an album, the album is listed.
<b>Songs</b>	Find & play specific songs.
<b>Playlists</b>	Play songs from personalized playlists that you create.

option	
<b>Inbox</b>	View alert notifications received when new music from a selected artist is available for download.
<b>Play All</b>	Play all songs in <b>MY MUSIC</b> in list order.
<b>Shuffle</b>	Play songs in <b>MY MUSIC</b> in random order.

- Press the Clear Key (⌫) from any **MY MUSIC** screen to return to the previous screen.
- Press the Power/End Key (⏻) from any **MY MUSIC** screen to return to the main screen.
- On screens that show a list of items (for example, album titles), enter letters in the **Go To** area to jump directly to items beginning with those letters.

## music player controls


Use these keys to control the music player during song playback **when the flip is open**:

controls with flip open	
<b>pause/play</b>	To pause, press & <b>release</b> the Center Select Key (⊙).  To resume play, press the Center Select Key (⊙) again.
<b>fast forward</b>	Press & <b>hold</b> the Directional Key (⊙) <b>right</b> .
<b>skip to next song</b>	Press & <b>release</b> the Directional Key (⊙) <b>right</b> .
<b>rewind</b>	Press & <b>hold</b> the Directional Key (⊙) <b>left</b> .
<b>skip back to previous song</b>	Within first two seconds of song, press & <b>release</b> the Directional Key (⊙) <b>left</b> .

## controls with flip open

<b>return to song beginning</b>	After first two seconds of song, press & <b>release</b> the Directional Key (⊙) <b>left</b> .
<b>turn off music player</b>	Press the Power/End Key (⏻).

## play an album

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  Media Center and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll to **My Music** and press the Center Select Key (⊙) (OK).
- 5 Select **Genres**, **Artists**, or **Albums**.

**Note:** When you select an album from any genre, artist, or album category, you can press the Right Soft Key (**Options**) to select from these options:

option	
<b>Play album</b>	Play the selected album, beginning with the first song.
<b>Listeners also liked</b>	View a list of music recommendations, based on the song currently playing.
<b>Move album</b>	<p>Move the album from the memory card to the phone or from the phone to the card.</p> <p><b>Note:</b> This option appears only when you have inserted a memory card into the phone. This option is not available for music purchased over the air.</p>

option	
<b>Lock album</b>	Lock the current album to prevent it from being deleted.
<b>Erase album</b>	Remove the selected album from <b>MY MUSIC</b> .
<b>Album info</b>	Provide detailed information on the current album, including the album name, the artist, and the genre.
<b>Rebuild Music Database</b>	Under normal conditions, <b>MY MUSIC</b> is maintained automatically. If <b>MY MUSIC</b> behaves unexpectedly, use this option to reinitialize it. This option deletes the existing database and creates a new one that contains all currently installed music.

### From the GENRES screen:

- 1 Select the **genre** you want by pressing the Center Select Key (OK).
- 2 Use the Directional Key to scroll to the **artist** you want and press the Center Select Key (OK).
- 3 Scroll to the **album** you want and press the Right Soft Key (Options).

(See page 83 for OPTIONS menu selections.)

- 4 Scroll to **Play album** and press the Center Select Key (OK).

### From the ARTISTS screen:

- 1 Use the Directional Key to scroll to the **artist** you want and press the Center Select Key (OK).
- 2 Scroll to the **album** you want to play and press the Right Soft Key (Options).

(See page 83 for other OPTIONS menu selections.)

- 3 Select **Play album** by pressing the Center Select Key (OK).

### From the ALBUMS screen:

- 1 Use the Directional Key to scroll to an **album**.
- 2 Press the Right Soft Key (Options).  
(See page 83 for OPTIONS menu selections.)
- 3 Scroll to **Play album** and press the Center Select Key (OK).

### From the SONGS screen:

- 1 Use the Directional Key to scroll to the **song** you want.
- 2 Press the Center Select Key (Play).

### play all songs on phone

- 1 From the main screen, press left on the Directional Key to access **MUSIC & TONES**.

- 2 Use the Directional Key (⬅️) to scroll to **My Music** and press the Center Select Key (⏺️) (OK).
- 3 Scroll to **Play All** and press the Center Select Key (⏺️) (OK).

### play music from a playlist

- 1 From the main screen, press the Center Select Key (⏺️) (MENU) to open the menu.
- 2 Use the Directional Key (⬅️) to scroll to 📺 **Media Center** and press the Center Select Key (⏺️) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⏺️) (OK).
- 4 Use the Directional Key (⬅️) to scroll to **My Music** and press the Center Select Key (⏺️) (OK).
- 5 Scroll to **Playlists** and press the Center Select Key (⏺️) (OK).

**To play an entire playlist**, scroll to the playlist you want and press the Center Select Key (⏺️) (Play).

**To play a song from a playlist**, scroll to the playlist you want and press the Center Select Key (⏺️) (Play), then scroll to the song you want to play and press the Center Select Key (⏺️).

### MY MUSIC options menus

**When you scroll to a song** and press **Options**, your phone displays these options:

option	
<b>Add to playlist</b>	Add the selected song to a playlist.
<b>Listeners also liked</b>	View a list of music recommendations, based on the current song playing.

option	
<b>Move song</b>	Move the song from the memory card to the phone or from the phone to the card.  <b>Note:</b> This option appears only when you have inserted a memory card into the phone. This option is not available for music purchased over the air.
<b>Lock song</b>	Prevent song from being deleted.
<b>Erase song</b>	Delete the selected song.
<b>Erase all songs</b>	Delete all songs from <b>MY MUSIC</b> .
<b>Song info</b>	View the following information for the song: title, artist, album title, genre, copyright year, duration, and track number (if available).

option	
<b>Rebuild Music Database</b>	Under normal conditions, <b>MY MUSIC</b> is maintained automatically. If <b>MY MUSIC</b> behaves unexpectedly, use this option to reinitialize it. This option deletes the existing music database and creates a new one that contains all currently installed music.

When you press **Options while a song is playing**, your phone displays these options:

**Note:** The song is paused when you press **Options**.

option	
<b>Play All</b>	Play all songs in <b>MY MUSIC</b> in list order.
<b>Shuffle</b>	Play songs in <b>MY MUSIC</b> in random order.
<b>My Music</b>	Return to the <b>MY MUSIC</b> menu.



option	
Shop	Connect to the V CAST Music catalog to download more songs.
Listeners also liked	View a list of music recommendations, based on the current song playing.
Help	View information to help you use the music player.

You can also control the music player **with the flip closed!** Simply begin song playback, close the flip, and use the Music Buttons (see page 80).

## listening tips

When you're on the go, you can listen to your music through a wired headset connected to the phone's micro USB port or by using a wireless headset (see page 115).

**Note:** You cannot charge your phone when a micro USB headset is connected.

When the phone's flip is open and you are not using a wired or wireless headset, music is played through the phone's speaker.

## create a playlist

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to **Media Center** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll to **My Music** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Playlists** and press the Center Select Key (⊙) (OK).

- 6** If playlists already exist, press the Right Soft Key (**Options**), then scroll to **Create Playlist** and press the Center Select Key (●) (**OK**).

If no playlists exist, the **CREATE PLAYLIST** screen appears.

- 7** Use the keypad to enter a title for the playlist on the **CREATE PLAYLIST** screen and press the Center Select Key (●) (**OK**).
- 8** Scroll to a desired song and press the Center Select Key (●) (**MARK**). Repeat this step for each song you want to add.
- 9** When you have completed marking your song selections, press the Right Soft Key **Done**.
- 10** When finished adding songs to the playlist, press the Clear Key (☐) to return to the previous screen or the Power/End Key (≡) to return to the main screen.

## edit a playlist

- 1** From the **PLAYLISTS** screen, scroll to the playlist you want to edit and press the Right Soft Key (**Options**).
- 2** Use the Directional Key (⬇️) to scroll to **Edit playlist** and press the Center Select Key (●) (**OK**).
- 3** Edit the playlist as desired.

To change the order of songs in your playlist, scroll to a song and press the Center Select Key (●) (**Move**). Then scroll up or down to move the song up or down in the playlist. When finished, press the Center Select Key (●) (**Save**).

To delete a song, scroll to the song and press the Left Soft Key (**Remove**).

- 4** Press the Clear Key (☐) to return to the previous screen or Power/End Key (≡) to return to the main screen.

# record & play voice records

You can create a voice record that you can play back later as a reminder for yourself.

## create voice record

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⬇️) to scroll to **Media Center** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⬇️) to scroll to **My Sounds** and press the Center Select Key (⊙) (OK).
- 5 Select **Record New** and press the Center Select Key (⊙) (OK).


6 Press the Center Select Key (⊙) (OK) to begin recording, then press the Center Select Key (⊙) (STOP) when finished.


7 To save the voice record, press the Left Soft Key (Save).

To erase the voice record, press the Right Soft Key (Erase).

**Tip:** To create a voice record quickly, press and hold the Voice Command Key (on the right side of the phone), then press the Center Select Key (⊙) (OK) to begin recording. Press the Center Select Key (⊙) (STOP) when finished. You can press the Left Soft Key (Save) to save it, press the Center Select Key (⊙) (SEND) to send it, or press the Right Soft Key (Erase) to erase it. Press the Power/End Key (⏻) to exit. When you see the message **Do you want to exit?**, use the Directional Key (⬇️) to select **Yes** or **No**, and press the Center Select Key (⊙) (OK).

## play voice record

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Media Center** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK).
- 4 Use the Directional Key (⊙) to scroll to **My Sounds** and press the Center Select Key (⊙) (OK).
- 5 Scroll to the file name of the desired voice record and press the Center Select Key (⊙) (PLAY).

**Tip:** You can rename voice records. In **My Sounds**, your phone displays an  indicator beside the names of voice records that you created. Scroll to the voice record you want to rename, press the Right Soft Key (Options), then scroll to and select **Rename**. Enter the new name for the voice record and press the Center

Select Key (⊙) (OK). Your phone will display **SOUND NAME SAVED**.

## take photos

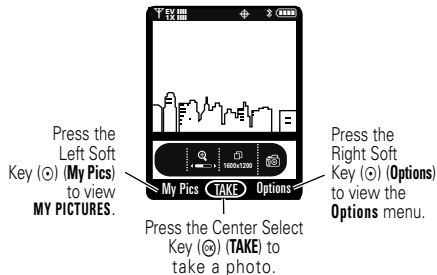
Your phone has a 2 megapixel digital camera that can take photos at up to 1600 x 1200 pixels resolution. You can take a photo with your phone and send it in a multimedia message to other wireless phone users.

When the phone's flip is open, your camera lens is on the back of your phone (see page 2). **To get the clearest photos, wipe the lens clean with a soft, dry cloth before you capture a photo.**

## take a photo

- 1 To activate the camera, press the Camera/Video Key (Ⓜ).

The active viewfinder image appears on your phone's screen:



Press left and right on the Directional Key (◂◃) to zoom in and out.

Press the Right Soft Key (**Options**) to see more options.

- 2 Point the camera lens at the camera subject and press the Center Select Key (●) (**TAKE**).
- 3 Press the Center Select Key (●) (**SEND**) to save the photo and go to the **NEW PICTURE MESSAGE** screen.

Press the Left Soft Key (**Save**) to save the picture in **MY PICTURES**.

Press the Right Soft Key (**Erase**) to delete the photo and return to the active viewfinder.

## adjust camera settings

When the camera is active, press the Right Soft Key (**Options**) to select from these settings:

option	
Resolution	Set resolution to <b>1600x1200</b> , <b>1280x960</b> , <b>640x480</b> , <b>320x240</b> , or <b>Picture ID</b> .
Self Timer	Set the camera to take a photo after a specific interval: <b>3 seconds</b> , <b>5 seconds</b> , or <b>10 seconds</b> . Or turn it off.
Brightness	Adjust image brightness by scrolling left or right from <b>-2</b> to <b>2</b> .


option	
<b>White Balance</b>	Adjust for different lighting conditions by scrolling left or right to choose from <b>Auto</b> , <b>Sunny</b> , <b>Cloudy</b> , <b>Tungsten</b> , <b>Fluorescent</b> , or <b>Darkness</b> .
<b>Shutter Sound</b>	Activate a sound that plays when you take a photo: <b>Shutter</b> , <b>Silent</b> , <b>Quack</b> , or <b>Boing</b> .
<b>Color Effects</b>	Scroll left or right to select <b>Normal</b> , <b>Antique</b> , <b>Black &amp; White</b> , or <b>Negative</b> .
<b>Fun Frame</b>	Go to <b>ADD FUN FRAME</b> to select a custom frame for your photo.
<b>Switch Storage Device</b>	Specify where you want to save pictures ( <b>Phone</b> or <b>Micro-SD Card</b> ). This option is available only if you have a memory card inserted.

## record & play video clips

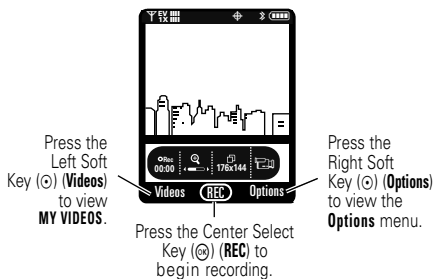
Your camera lens is on the back of your phone when the phone is open (see page 1). **To get the clearest video clips, wipe the lens clean with a soft, dry cloth before you capture a video clip.**

### record a video clip

To activate your phone's camcorder:

- 1 Press and hold the Camera/Video Key ().

The active viewfinder image appears:



- 2 Point the camera lens at the video subject.

Press left and right on the Directional Key (D) to zoom in and out.

- 3 Press the Center Select Key (C) (REC) to begin recording.

Press the Left Soft Key (Pause) to temporarily stop recording. Press the Left Soft Key (Resume) again to continue.

- 4 Press the Center Select Key (STOP) to stop recording.

- 5 Press the Left Soft Key (Save) to save the video clip.

Press the Center Select Key (SEND) to save the video clip and go to the **NEW VIDEO MESSAGE** screen.

Press the Right Soft Key (Erase) to delete the video clip and return to the active viewfinder.

## adjust camcorder settings

When the camcorder is activated (but not recording), press the Right Soft Key (Options) to select from these options:


option	
Brightness	Adjust image brightness.
White Balance	Adjust for different lighting.

option	
<b>Duration</b>	Specify standard lengths for video clips of <b>Short</b> (default, about 30 seconds), <b>Medium</b> , <b>Fit to Video Msg</b> (varies depending on video settings), or <b>Long (Max Memory)</b> .
<b>Resolution</b>	Set recording resolution to <b>320x240</b> or <b>176x144</b> .
<b>Color Effects</b>	Scroll left or right to select <b>Normal</b> , <b>Antique</b> , <b>Black &amp; White</b> , or <b>Negative</b> .
<b>Switch Storage Device</b>	Specify where you want to save video clips ( <b>Phone</b> or <b>Micro-SD Card</b> ). This option is available only when you have a memory card inserted.

## play video clip

To play a video clip stored on your phone:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.

- 2 Use the Directional Key (⬅️) to scroll to  **Media Center** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Picture & Video** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **My Videos** and press the Center Select Key (⊙) (OK).
- 5 Scroll to the clip you want to play and press the Center Select Key (⊙) (PLAY).

Press the Left Soft Key (**Mute**) while the clip is playing to mute the video clip sound. Press the Left Soft Key (**Unmute**) to turn sound on again.

## download pictures



- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⬅️) to scroll to  **Media Center** and press the Center Select Key (⊙) (OK).



- 3 Scroll to **Picture & Video** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Get New Pictures** and press the Center Select Key (⊙) (OK).
- 5 With **Get New Application** highlighted, press the Center Select Key (⊙) (OK) to connect to **Media Center**.

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

# tools

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**Note:** The information in this chapter applies only to contacts for voice calls. For information on entering PTT contacts, see page 56.

## contacts

### emergency contact & personal information

If you are injured, emergency workers may check your phone for emergency contact information. Store the phone numbers of relatives or friends as emergency contacts.

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⬅️) to scroll to **In Case of Emergency** and press the Center Select Key (Ⓞ) (**OK**).

- 3 Scroll to **CONTACT 1**, **CONTACT 2**, or **CONTACT 3**, and press the Center Select Key (Ⓞ) (**ADD**).

**To change an emergency contact**, scroll to the contact and press the Right Soft Key (**Options**), then select **Re-assign**.

**Note:** Select **Personal Info** to add personal information that may assist emergency workers.

- 4 To **add a contact from the CONTACT LIST**, select **From Contacts**, scroll to the contact you want to add, and press the Center Select Key (Ⓞ) (**OK**).

To **enter a new contact**, select **New Contact**, enter the contact information, and press the Center Select Key (Ⓞ) (**SAVE**).

## create entry

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Press the Right Soft Key (**Options**).
- 3 Select **New Contact** by pressing the Center Select Key (●) (**OK**).
- 4 Enter contact information and press the Center Select Key (●) (**SAVE**).

## edit entry

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (●) to scroll to the entry and press the Left Soft Key (**Edit**).
- 3 Edit the contact information and press the Center Select Key (●) (**SAVE**).

## view entry

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
  - 2 Scroll to the entry and press the Center Select Key (●) (**VIEW**).
- To perform other actions on the entry, press the Right Soft Key (**Options**) and select **Send TXT Message**, **Send Picture Message**, **Send Video Message**, or **Call**.

## erase entry

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (●) to scroll to the entry and press the Right Soft Key (**Options**).
- 3 Scroll to **Erase** and press the Center Select Key (●) (**OK**).
- 4 When the phone prompts **Erase Contact?**, scroll to **Yes** or **No** and press the Center Select Key (●) (**OK**).

## set speed dial number

**Note:** To use speed dial to call a contact, see page 46.

To assign a speed dial number to a contact:

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⬇️) to scroll to the contact and press the Left Soft Key (**Edit**).
- 3 Scroll to the number to be assigned a speed dial number and press the Right Soft Key (**Options**).
- 4 Select **Set Speed Dial** by pressing the Center Select Key (Ⓞ) (**OK**).
- 5 Select an unassigned speed dial number and press the Center Select Key (Ⓞ) (**SET**).
- 6 When the phone prompts **Assign Speed Dial to Contact?**, use the Directional Key (⬆️) to select **Yes** and press the Center Select Key (Ⓞ) (**OK**).
- 7 Press the Center Select Key (Ⓞ) (**SAVE**).

## set default number for entry

To set the default number for a contact with multiple numbers:

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⬇️) to scroll to the contact and press the Left Soft Key (**Edit**).
- 3 Scroll to the number to be set as the default number and press the Right Soft Key (**Options**).
- 4 Scroll to **Set As Default** and press the Center Select Key (Ⓞ) (**OK**).
- 5 When the phone prompts **Set as Default?**, use the Directional Key (⬆️) to select **Yes** and press the Center Select Key (Ⓞ) (**OK**).

## assign ringtone to entry

When you assign a ringtone to a **Contacts** entry, your phone plays that ringtone when you receive a call from that contact.


- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⤿) to scroll to the entry and press the Left Soft Key (**Edit**).
- 3 Scroll to **Ringtone** and press the Left Soft Key (**Set**) to go to the **MY RINGTONES** menu.
- 4 Scroll to the desired ringtone and press the Center Select Key (Ⓞ) (**OK**).
- 5 Press the Center Select Key (Ⓞ) (**SAVE**).

**Note:** **Master Volume** must be set to **High**, **Medium High**, **Medium**, **Medium Low**, or **Low** (see page 17).

## assign picture to entry

When you assign a picture to a **Contacts** entry, your phone displays that picture when you receive a call from that contact.

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⤿) to scroll to the entry and press the Left Soft Key (**Edit**).
- 3 Scroll to **Picture** and press the Left Soft Key (**Set**) to go to **MY PICTURES**.
- 4 Scroll to a picture and press the Center Select Key (Ⓞ) (**OK**).
- 5 Press the Center Select Key (Ⓞ) (**SAVE**).

**Tip:** You can also assign a picture by going to the **PICTURE & VIDEO** menu. From the home screen, press the Center Select Key (Ⓞ) (**MENU**), then scroll to  **Media Center** and press the Center Select Key (Ⓞ) (**OK**). Scroll to **Picture & Video** and press the Center Select Key (Ⓞ) (**OK**).

Next, scroll to **My Pictures** and press the Center Select Key (⊙) (OK), then scroll to a picture and press the Right Soft Key (Options). Select **Set As**, then select **Picture ID**. Select the contact for which you want the Picture ID to display and press the Center Select Key (⊙) (OK). Your phone displays **PICTURE SET AS PICTURE ID**.

## download ringtone for an entry


You can download a ringtone to assign to a **Contacts** entry. When you receive a call from that entry, your phone plays the ringtone you assigned.

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⊙) to scroll to the entry and press the Left Soft Key (**Edit**).
- 3 Scroll to **Ringtone** and press the Left Soft Key (**Set**) to go to the **MY RINGTONES** menu.
- 4 Select **Get New App** and proceed to download and save a ringtone.

**Tip:** You can also download a ringtone from the **MUSIC & TONES** menu. From the home screen, press the Center Select Key (⊙) (MENU), then scroll to **Media Center** and press the Center Select Key (⊙) (OK). Scroll to **Music & Tones** and press the Center Select Key (⊙) (OK). Next, select **Get New Ringtones**, or select **My Ringtones** and then **Get New Application**.

## add entries to group

To send a text message to many people at once, you can create a group and add contact entries to it.


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Press the Center Select Key (⊙) (OK) to select  **CONTACTS**.
- 3 Use the Directional Key (⊙) to scroll to **Groups** and press the Center Select Key (⊙) (OK).
- 4 Scroll to the desired group name and press the Right Soft Key (Options).

- 5 Scroll to **Add** and press the Center Select Key (⊙) (OK).
- 6 On the **ADD CONTACTS** screen, scroll to each contact you want to add and press the Center Select Key (⊙) (MARK).
- 7 When you finish adding contacts to a group, press the Left Soft Key (**Done**).

**Tip:** To add a **Contacts** entry to a group while editing the entry, scroll to **Group** and press the Left Soft Key (**Set**).

## add group

Add a new group as an entry on the **Groups** screen:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Press the Center Select Key (⊙) (OK) to select  **CONTACTS**.
- 3 Use the Directional Key (⊙) to scroll to **Groups** and press the Center Select Key (⊙) (OK).

- 4 Press the Left Soft Key (**New**).
- 5 Enter the name for the new group and press the Center Select Key (⊙) (SAVE).

## voice recognition

Your phone's voice recognition feature lets you make calls and complete other actions by speaking commands to your phone.

### voice recognition tips

- When speaking the name of a **Contacts** entry, say the name 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.")

- Speak numbers at a normal speed and volume, and pronounce each digit distinctly. Avoid pausing between digits.
- You can set your phone to play voice command instructions through the speakerphone by pressing the Voice Command Key, which opens the **VOICE COMMANDS** menu. If you use the **Call** command to place a call, audio plays through the phone's earpiece when the call connects. You can turn this feature off (see page 106).

## voice commands

- 1 With the phone flip closed, press and hold the Voice Command Key on the right side of the phone.

**Note:** With the phone open, press and release the Voice Command Key (see page 3). Pressing and holding the key activates voice recording.

Your phone says **Please say a command** and displays a list of voice commands.

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

feature
<p><b>Call &lt;Name or #&gt;</b></p> <p>Call:</p> <ul style="list-style-type: none"> <li>• a contact from your <b>Contacts List</b> whose name you speak</li> </ul> <p><b>or</b></p> <ul style="list-style-type: none"> <li>• a phone number you speak</li> </ul> <p>For example, when prompted to say a command, say "Call Bill Smith mobile" or "Call 8475551212."</p>

- a contact from your **Contacts List** whose name you speak

**or**

- a phone number you speak

For example, when prompted to say a command, say "Call Bill Smith mobile" or "Call 8475551212."



**feature****Send <MSG Type>**

Send a text, picture, video, or voice message.

For instructions on sending a text or multimedia message, see pages 67 and 69.

**Go To <Shortcut>**

Access the menu or perform the action you specify from a list shown on the phone.

**feature****Check <Item>**

View the item on the screen that you say aloud:

**Status**—coverage, signal strength, and battery charge

**Voicemail**—new voicemail messages

**Messages**—newly received text or multimedia messages

**Missed Calls**—unanswered incoming calls

**Time**—time and date

**Signal Strength**—network connection strength

**Battery**—battery charge

**Volume**—ringer volume

**Contact <Name>**

Look up a **Contacts** entry by saying the contact name.

feature
<b>Redial</b> Redial the last number dialed.
<b>Play &lt;Playlist&gt;</b> Activate the music player to play the playlist you name. <b>Note:</b> If you don't have any music, the phone returns to the home screen.
<b>My Verizon</b> Launch Mobile Web and view your account options.
<b>Help</b> Access help information for the voice recognition feature.

## voice recognition settings

To modify voice recognition settings:

- 1 With the phone **flip closed**, press and hold the Voice Command Key on the right side of the phone.

With the **phone flip open**, press and release the Voice Command Key (see page 3). (Pressing and holding the key activates voice recording.)

Your phone says **Please say a command** and displays a list of voice commands.

- 2 Press the Right Soft Key (**Settings**).

- 3 Use the Directional Key (⬇️) to scroll to the desired option and press the Center Select Key (⬇️) (OK).

### voice recognition settings

#### Confirmation

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

You can control when choice lists appear:

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

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

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

### voice recognition settings

#### Sensitivity

You can fine tune your phone's ability to recognize voice commands. Select **Most Sensitive**, **Recommended**, or **Least Sensitive**.

**If sensitivity is too strict**, your phone often rejects voice commands and displays "Please repeat..." or "No match found." Select **Most Sensitive**.

**If sensitivity is too forgiving**, you experience false activations (indicating that the phone detects a wrong match). Select **Least Sensitive**.

#### Adaptation

Follow the prompts on your screen to improve recognition of spoken words. Adaptation takes about sixty seconds and requires you to be in a quiet place (no background noise).

## voice recognition settings

### Prompts


**Mode**—Set whether your phone says **Prompts**, **Readout** (to read every word on the screen), or **Tones Only**.

**Audio Playback**—Set how you want to hear prompts.

To access in-device help for a setting you speak, press the Left Soft Key (**Info**).


## personal organizer

### add calendar appointment

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (**OK**).


- 3 Scroll to **Tools** and press the Center Select Key (⊙) (**OK**).
- 4 Scroll to **Calendar** and press the Center Select Key (⊙) (**OK**).
- 5 Scroll to the desired date and press the Left Soft Key (**Add**).
- 6 Enter new appointment name and details. To change the time, recurrence, or alert type, scroll to the line and press the Left Soft Key (**Set**).
- 7 To save the appointment, press the Center Select Key (⊙) (**SAVE**).

### see calendar appointment

- 1 From the main screen, press the Center Select Key (⊙) (**MENU**) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (**OK**).

- 3 Scroll to **Tools** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Calendar** and press the Center Select Key (⊙) (OK).
- 5 Scroll to the date of the appointment and press the Center Select Key (⊙) (VIEW).
- 6 Press the Center Select Key (⊙) (VIEW) again to see appointment details.

## set alarm clock

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Tools** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Alarm Clock** and press the Center Select Key (⊙) (OK).


- 5 Scroll to **Alarm 1**, **Alarm 2**, or **Alarm 3**, and press the Center Select Key (⊙) (OK).
- 6 Select **On**, and set the alarm time, recurrence, and alert sound by scrolling to the category and pressing the Left Soft Key (Set).
- 7 Press the Center Select Key (⊙) (SAVE).

## turn off alarm

When an alarm rings, press **Off** or the Power/End Key (⇒) to turn it off.

## view world clock

View current time in cities around the world:


- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).

- 3 Scroll to **Tools** and press the Center Select Key (Ⓞ) (OK).
- 4 Scroll to **World Clock** and press the Center Select Key (Ⓞ) (OK).
- 5 Use the Directional Key (Ⓞ) to scroll left or right to the desired city.

Press the Right Soft Key (**Cities**) to view a list of cities, then scroll to a city and press the Center Select Key (Ⓞ) (OK).

Press the Left Soft Key (**Set DST**) to set Daylight Savings Time for a city.

## notepad

- 1 From the main screen, press the Center Select Key (Ⓞ) (**MENU**) to open the menu.
- 2 Use the Directional Key (Ⓞ) to scroll to  **Settings & Tools** and press the Center Select Key (Ⓞ) (OK).


- 3 Scroll to **Tools** and press the Center Select Key (Ⓞ) (OK).
- 4 Scroll to **Notepad** and press the Center Select Key (Ⓞ) (OK).

Your phone displays the first few words of saved notes in a list.

- 5 To **create a note**, press the Left Soft Key (**Add**). Enter text and press the Center Select Key (Ⓞ) (**SAVE**).

To **view a saved note**, scroll to the note and press the Center Select Key (Ⓞ) (**VIEW**).

## calculators

- 1 From the main screen, press the Center Select Key (Ⓞ) (**MENU**) to open the menu.
- 2 Use the Directional Key (Ⓞ) to scroll to  **Settings & Tools** and press the Center Select Key (Ⓞ) (OK).


- 3 Scroll to **Tools** and press the Center Select Key (OK).
- 4 Scroll to **Calculators** and press the Center Select Key (OK).
- 5 For **basic calculator** functions, select **Basic Calculator**. Use the keypad to enter numbers. To enter a decimal, press  $\ast$ . To change to a positive or negative, press  $\#$ . Use the Directional Key (OK) to select math functions. For more operators, press the Right Soft Key (**Operator**).

To **calculate a tip**, select **Tip Calculator**. Use the keypad to enter the amount, the tip percentage, and the number of ways the tip is to be split. To enter a decimal, press  $\ast$ . To display the tax amount, press the Right Soft Key (**Options**) and select **Display Tax**. Scroll to **Yes** and press the Center Select Key (OK).

## fun & games


### download game or application

Download a **MEDIA CENTER** game or application:

- 1 From the main screen, press the Center Select Key (MENU) to open the menu.
- 2 Use the Directional Key (OK) to scroll to  **Media Center** and press the Center Select Key (OK).
- 3 Scroll to **Games** or **Browse & Download** and press the Center Select Key (OK).
- 4 Select **Get New Application** by pressing the Center Select Key (OK).
- 5 Select a category, application, and pricing option. Normal airtime and/or carrier usage charges apply.

### launch game or application


- 1 From the main screen, press the Center Select Key (MENU) to open the menu.

- 2 Use the Directional Key (⬅️) to scroll to  **Media Center** and press the Center Select Key (⬇️) (OK).
- 3 Scroll to **Games** or **Browse & Download** and press the Center Select Key (⬇️) (OK).
- 4 Select the game or application you want to launch.

## Web sessions

From the main screen, press up on the Directional Key (⬆️) to launch **MOBILE WEB**.

## manage pictures

- 1 From the main screen, press the Center Select Key (⬇️) (MENU) to open the menu.
- 2 Use the Directional Key (⬅️) to scroll to  **Media Center** and press the Center Select Key (⬇️) (OK).
- 3 Scroll to **Picture & Video** and press the Center Select Key (⬇️) (OK).


- 4 Scroll to **My Pictures** and press the Center Select Key (⬇️) (OK) to view your pictures.

To view a picture, scroll to the picture and press the Center Select Key (⬇️) (VIEW).

While looking at a picture, press the Right Soft Key (Options) to see the following options: **Send, Set As, To Online Album, Take New Picture, Get New Pictures, Rename, Move, Lock, Erase All, Slide Show, File Info, or Print.**

**Note:** The options you see for pictures that you create are different than the options you see for copyrighted content such as the images that were preloaded on your phone. You cannot send copyrighted content to another person.

## manage video clips

- 1 From the main screen, press the Center Select Key (⬇️) (MENU) to open the menu.
- 2 Use the Directional Key (⬅️) to scroll to  **Media Center** and press the Center Select Key (⬇️) (OK).



- 3 Scroll to **Picture & Video** and press the Center Select Key (Ⓞ) (OK).
- 4 Scroll to **My Videos** and press the Center Select Key (Ⓞ) (OK) to view your video clips.
- 5 To play a video clip, scroll to the video clip and press the Center Select Key (Ⓞ) (PLAY).

From the **MY VIDEOS** screen, press the Right Soft Key (Options) to see the following options: **Send, Record Video, To Online Album, V CAST Videos, Rename, Move, Lock, Erase All, File Info,** or **Trim**.

**Note:** The options you see for videos that you create are different than the options you see for copyrighted content. You cannot send copyrighted content to another person.

# connections

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## Bluetooth® connections

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth headset or car kit to make handsfree 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.

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

## profiles supported

This section lists Bluetooth profiles currently supported by this device.

**Advanced Audio Device Profile (A2DP—Stereo Bluetooth Profile)**—Allows a device such as a Bluetooth enabled pair of headphones to receive stereo audio data stream from a Bluetooth enabled music player with the same profile.

**Audio/Video Remote Control Profile (AVRCP)**—Provides a standard interface to control TVs, audio equipment, and similar devices. Allows a single remote control (or other device) to control all of the audio/video equipment to which a user has access.

**Basic Imaging Profile (BIP)**—Defines how an imaging device can be controlled remotely, how an imaging device may print, and how an imaging device can

transfer images to a storage device. For example, BIP enables a mobile phone to control a digital camera.

**Basic Printing Profile (BPP)**—Allows devices to send text, emails, vCards, images, or other items to printers. It does not need printer-specific drivers.

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

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

**Headset (HSP)**—Describes how a Bluetooth enabled headset should communicate with a computer or other Bluetooth enabled device, such as a mobile phone.

**OBEX profiles**—

- *Audio/Visual Control Transport Protocol Profile (AVCTP)* for controlling A/V devices.

- *Audio/Visual Distribution Profile (AVDTP)* for streaming audio and video
- *File Transfer Profile (FTP)* and *Object Push Profile (OPP)* for device-generated content (image and video)
- *File Transfer Protocol (FTP)* for phone to PC transfers
- *Generic Audio/Video Distribution Profile (GAVDP)*
- *Object Push Profile (OPP)* for vCard only

**Phone Book Access Profile (PBAP)**—Makes information from a mobile phone's phonebook available to a handsfree device.

**Serial Port Profile (SPP)**—Defines the protocols and procedures to be used by devices using Bluetooth connections for RS232 (or similar) serial cable emulation.

For more information about Bluetooth wireless connections supported by this device, go to FAQ [www.verizonwireless.com/bluetooth](http://www.verizonwireless.com/bluetooth).

For information about vehicle compatibility, go to [www.verizonwireless.com/bluetoothchart](http://www.verizonwireless.com/bluetoothchart).

## turn Bluetooth power on & off

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the main menu.
- 2 Use the Directional Key (⊙) to scroll to **Bluetooth Menu** and press the Center Select Key (⊙) (OK).
- 3
- 4 Select **Add New Device**.

**Note:** If Bluetooth power is not turned on, your phone will display **Turn Bluetooth Power On?**. Select **Yes**.

- 5 Make sure the Bluetooth device you are pairing with is in *discoverable* mode (see the user's guide for the device).
- 6 Press the Center Select Key (⊙) to search for available Bluetooth devices.
- 7 Highlight the device you want to connect to and press the Center Select Key (⊙).
- 8 If necessary, enter the device PIN (such as **0000**) and press the Center Select Key (⊙).

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

**Note:**

## make phone visible to other device



Allow an unknown Bluetooth device to discover your phone:

- 1 From the main screen, press down on the Directional Key (⬇️) to access the **BLUETOOTH MENU**.
- 2 Press the Right Soft Key (**Options**).
- 3 Scroll to **Discovery Mode** and press the Center Select Key (⬇️) (**OK**).
- 4 Scroll to **On** and press the Center Select Key (⬇️) (**OK**).

## pair with a headset, handsfree device, or PC

**Note:** If you use your 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 your phone with another Bluetooth device**, make sure your phone's Bluetooth power is **On**. You can connect your phone with only one device at a time.


- 1 From the main screen, press down on the Directional Key (⬇️) to access the **BLUETOOTH MENU**.
- 2 Select **Add New Device** by pressing the Center Select Key (⬇️) (**OK**).

**Note:** If Bluetooth power is not turned on, your phone will display **Turn Bluetooth Power On?**. Press the Center Select Key (⬇️) (**OK**) to select **Yes**.

- 3 Make sure the Bluetooth device you are pairing with is in *discoverable* mode (see the user's guide for the device).

- 4 Press the Center Select Key (⊙) (OK) to search for available Bluetooth devices.
- 5 Use the Directional Key (⊙) to scroll to and highlight the device you want to connect to and press the Center Select Key (⊙) (PAIR).
- 6 Use the keypad to enter the PIN of the device you want to pair with and press the Center Select Key (⊙) (OK).

**Note:** The default PIN code is usually 0000. Refer to the Bluetooth accessory's user guide for additional information.

If the device requests permission to bond with your phone, press the Center Select Key (⊙) (YES). When the connection is made, the Bluetooth indicator  and a **Bluetooth** message display in the main screen.

## transfer files

You can use a Bluetooth connection to transfer files between your computer and phone.

## 116 connections

**Note:** Your computer's Bluetooth interface may be different.

- 1 Pair your phone and computer (see "pair with a headset, handsfree device, or PC").
- 2 **On your computer**, right-click the Bluetooth icon in your System Tray.
- 3 Select "Send a File."
- 4 Click "Browse" to locate your phone name, and then click "Next."
- 5 Click "Browse" to locate the file you want to transfer, and then click "Next."
- 6 **On your phone**, when prompted, press the Center Select Key (⊙) (ACCEPT) to accept the file transfer.
- 7 When you are finished transferring files, press the Power/End Key (≡) on your phone to close the connection.

**Note:** Breaking the link with your computer does not turn off Bluetooth power on your phone. You might want to turn Bluetooth power off to conserve battery charge.

## connect with another phone

You can use a Bluetooth connection to transfer a contact or file to another phone.

To **transfer a contact** to another phone:

**Note:** Make sure the phone receiving the entry has Bluetooth power on and is in **Find Me** mode. The receiving device must also be capable of receiving a vCard. Not all Bluetooth devices have this capability.

- 1 From the main screen, press the Right Soft Key (**Contacts**) to open the **CONTACT LIST**.
- 2 Use the Directional Key (⬇️) to scroll to the entry you want to transfer and press the Right Soft Key (**Options**).

- 3 Scroll to **Send Name Card** and press the Center Select Key (⬇️) (**OK**).
- 4 Scroll to **Bluetooth** and press the Center Select Key (⬇️) (**OK**).
- 5 Press the Center Select Key (⬇️) (**SEND**).
- 6 Scroll to **[Add New Device]** or scroll to the device that you want and press the Center Select Key (⬇️) (**PAIR**).

**Note:** If your phone does not already have Bluetooth power turned on, it prompts you to turn it on.

- 7 If prompted, enter the default PIN code **0000** or accept the transfer.

When the phones connect, the sending phone begins the transfer. The receiving phone is prompted to accept the transfer. When the receiving phone accepts the transfer, the entry transfers.

To **transfer a file** to another phone:

**Note:** Make sure the phone receiving the file has Bluetooth power on and is in **Find Me** mode. The receiving phone must be capable of receiving the file type.

- 1 On your phone, select the file (such as a picture, video, or sound) you want to transfer and press the Right Soft Key (**Options**).
- 2 Use the Directional Key (⬇️) to scroll to **Send** and press the Center Select Key (Ⓞ) (**OK**).
- 3 Scroll to **Bluetooth** and press the Center Select Key (Ⓞ) (**OK**).
- 4 Scroll to [**Add New Device**] or scroll to the device that you want and press the Center Select Key (Ⓞ) (**OK**).

**Note:** If your phone does not already have Bluetooth power turned on, it prompts you to turn it on.

- 5 When your phone prompts you to confirm that you want to send the file, select **Yes** by pressing the Center Select Key (Ⓞ) (**OK**).
- 6 If prompted, enter the default PIN code **0000** or accept the transfer.

When the phones connect, the sending phone begins the transfer. The receiving phone is prompted to accept the transfer. When the receiving phone accepts, the file is transferred.

## connect to handsfree device during a call



- 1 During a call, press the Right Soft Key (**Options**), then select **Bluetooth Menu**.
- 2 Use the Directional Key (⬇️) to scroll to [**Add New Device**] or select the name of your handsfree device if you have paired with it previously.
- 3 Press the Center Select Key (Ⓞ) (**OK**).



- 4 If connecting to a new device, place the new device in discoverable mode and press the Center Select Key (⊙) (OK) on your phone.
- 5 When your phone finds your handsfree device, press the Center Select Key (⊙) (PAIR).

## disconnect from a device



To disconnect from a device **while the phone is idle**:

- 1 From the idle screen, press down on the Directional Key (⊙) to access the **BLUETOOTH MENU**.
- 2 Use the Directional Key (⊙) to scroll to the name of the device from which you want to disconnect.
- 3 Press the Center Select Key (⊙) (DROP).
- 4 When your phone asks if you want to disconnect, select **Yes** and press the Center Select Key (⊙) (OK).

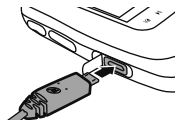
To disconnect from a device **during an active call**:

- 1 Press the Right Soft Key (Options).
- 2 Use the Directional Key (⊙) to scroll to **Disconnect Bluetooth** and press the Center Select Key (⊙) (OK).

## cable connections



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



- 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 on your computer.


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

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

# network

## network settings




- 1 From the main screen, press the Center Select Key (Ⓞ) (MENU) to open the menu.
- 2 Use the Directional Key (Ⓞ) to scroll to  **Settings & Tools** and press the Center Select Key (Ⓞ) (OK).
- 3 Scroll to **Phone Settings** and press the Center Select Key (Ⓞ) (OK).
- 4 Scroll to **System Select** and press the Center Select Key (Ⓞ) (OK).
- 5 Scroll to **Set Mode** and press the Center Select Key (Ⓞ) (OK).
- 6 Scroll to **Home Only** or **Automatic** and press the Center Select Key (Ⓞ) (OK).

**Note:** Other options may appear depending on network availability.

## call drop alerts




Set your phone to beep whenever the network drops a call. (Because digital networks are so quiet, the call drop alert may be your only sign that a call was dropped.)

- 1 From the main screen, press the Center Select Key (Ⓞ) (MENU) to open the menu.
- 2 Use the Directional Key (Ⓞ) to scroll to  **Settings & Tools** and press the Center Select Key (Ⓞ) (OK).
- 3 Scroll to **Sound Settings** and press the Center Select Key (Ⓞ) (OK).
- 4 Scroll to **Service Alerts** and press the Center Select Key (Ⓞ) (OK).
- 5 Scroll to **Network Lost Tone** and press the Center Select Key (Ⓞ) (OK).
- 6 Select **On** and press the Center Select Key (Ⓞ) (OK).

## call connect alerts




- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Sound Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Service Alerts** and press the Center Select Key (⊙) (OK).
- 5 Scroll to **Call Connect** and press the Center Select Key (⊙) (OK).
- 6 Select **On** and press the Center Select Key (⊙) (OK).

Set your phone to beep whenever an outgoing call is connected:

## roaming alerts



Set phone to beep whenever the phone begins roaming:

- 1 From the main screen, press the Center Select Key (⊙) (MENU) to open the menu.
- 2 Use the Directional Key (⊙) to scroll to  **Settings & Tools** and press the Center Select Key (⊙) (OK).
- 3 Scroll to **Sound Settings** and press the Center Select Key (⊙) (OK).
- 4 Scroll to **Service Alerts** and press the Center Select Key (⊙) (OK).
- 5 Select **ERI** and press the Center Select Key (⊙) (OK).
- 6 Select **On** and press the Center Select Key (⊙) (OK).

# service & repairs

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

Go to [www.motorola.com/support](http://www.motorola.com/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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### The 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 1.20 W/kg, and when worn on the body, as described in this user guide, is 1.25 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.



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## 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.

### 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 device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

## Driving Precautions

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.

Responsible driving practices can be found in the "Smart Practices While Driving" section in this guide (or separate guide).

## 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.

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

## Batteries & Chargers

**Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the “battery use & safety” section in the user’s guide.**

## Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

## Caution About High Volume Usage



**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your

hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

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

For more information about hearing, see our Web site at [www.motorola.com/hearingsafety](http://www.motorola.com/hearingsafety) (in English only).

## Repetitive Motion

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

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## Industry Canada Notice to Users

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

## FCC Notice to Users

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

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

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

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

- Reorient or relocate the receiving antenna.

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

## Motorola Limited Warranty for the United States and Canada

### What Does this Warranty Cover?

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

## Products and Accessories

Products Covered	Length of Coverage
<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.
<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 **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

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

## What Other Limitations Are There?

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

PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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

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

## Hearing Aid Compatibility with Mobile Phones

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

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

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

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

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

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

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

## Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may

want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

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

## Product Registration

Online Product Registration:

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

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

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

Thank you for choosing a Motorola product.

## Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the

U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## Caring for the Environment by Recycling



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

## Disposal of your Mobile Device 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

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

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device’s keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device’s security, install it as soon as possible.

## Smart Practices While Driving

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### Drive Safe, Call Smart

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them.**

- **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 the 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 navigate to the “downloads” section of the consumer Web page for “Motorola Backup” or “Motorola Phone Tools.”

- **Understanding AGPS**—To provide location information for emergency calls, 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 the 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.

**The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only) for more information.**

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

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.



- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*
- **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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