

**INSTRUCTION MANUAL**

A preliminary draft copy of the Users Manual (for the PTT version) follows:



***MOTOROLA***

V400p  
GSM

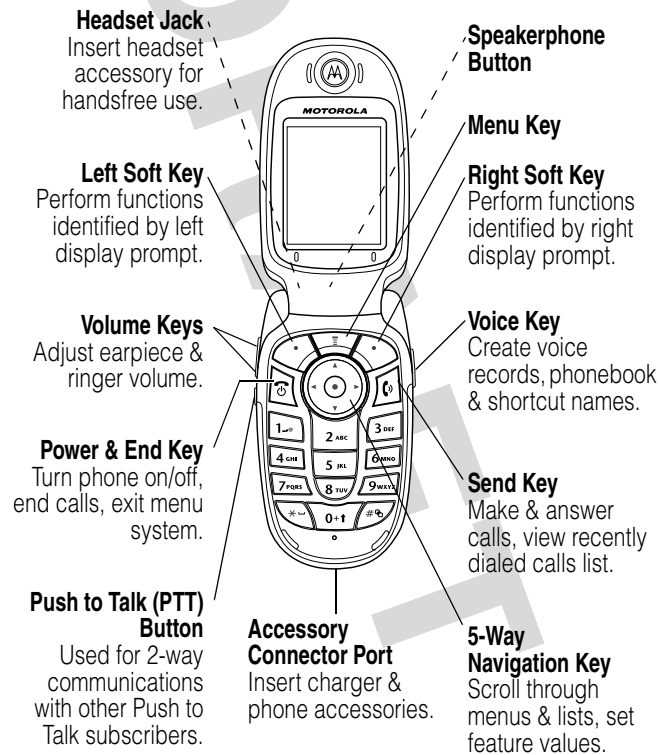
***START HERE >***



# Welcome

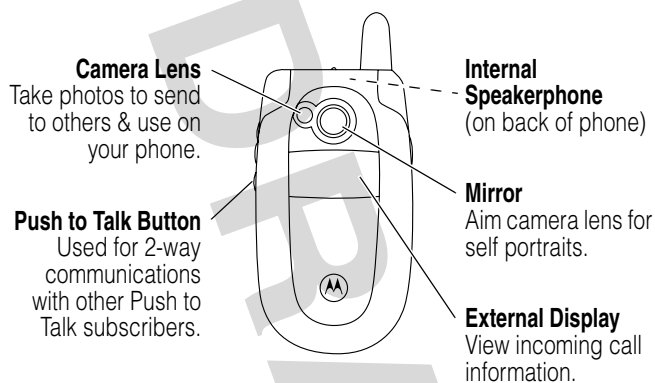
---

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V400p GSM wireless phone.














## Check It Out!

---



Feature	Description
<b>Push to Talk</b>	Start a Push to Talk call with an individual contact or group: ☰ > <b>PTT Contacts</b> or <b>PTT Groups</b>
<b>Take Photo</b>	Press <b>CAMERA</b> (📷) to activate the camera, point lens at subject, press <b>CAPTURE</b> (📸) to take a photo.
<b>Send Photo</b>	Send the photo to a phone number or email address: Press <b>STORE</b> (💾) > <b>Send In Message</b> .

Feature	Description
<b>Set Photo as Picture ID</b>	Assign a photo to a phonebook entry to enable picture caller ID:  > <b>Multimedia</b> > <b>Pictures</b> > <i>photo</i>  > <b>Apply As</b> > <b>Phonebook Entry</b>
<b>Send Multimedia Message</b>	Send a multimedia message with pictures, animations, sounds:  > <b>Messages</b> > <b>Create Message</b> > <b>New Multimedia Msg</b> 
<b>Send Letter</b>	Send a multimedia letter:  > <b>Messages</b> > <b>Create Message</b> > <b>New Letter</b> 
<b>Read Multimedia Message</b>	Read a new multimedia message or letter that you have received: Press <b>READ</b> (  ). 
<b>Store Message Objects</b>	Go to a multimedia message slide, or highlight an object in a letter, then:  > <b>Store</b> 
<b>Phone Theme</b>	Apply a phone theme:  > <b>Multimedia</b> > <b>Themes</b> > <i>theme</i>

Motorola, Inc.  
Consumer Advocacy Office  
1307 East Algonquin Road  
Schaumburg, IL 60196  
1-800-331-6456 (United States)  
1-888-390-6456 (TTY/TDD United States)  
1-800-461-4575 (Canada)  
[www.motorola.com](http://www.motorola.com) (United States)  
[www.motorola.ca](http://www.motorola.ca) (Canada)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. Java and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All other product or service names are the property of their respective owners.

© Motorola, Inc. 2004.

The information contained in Motorola's user's guides is believed to be correct at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice. The contents of Motorola's user's guides are provided "as is." Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability, or contents of this guide.

**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: TBD-O

# Contents

---

<b>Getting Started</b>	8
About This Guide	8
Installing the SIM Card	9
Battery Use	10
Installing the Battery	12
Charging the Battery	13
Turning Your Phone On	14
Adjusting Volume	15
Making a Call	15
Answering a Call	16
Viewing Your Phone Number	16
<b>Highlight Features</b>	17
Taking and Sending a Photo	17
Sending a Multimedia Message	19
Receiving a Multimedia Message	22
<b>Learning to Use Your Phone</b>	24
Using the Display	24
Using the 5-Way Navigation Key	28
Using Menus	29
Entering Text	32
Using the Push to Talk (PTT) Button	43
Using the Internal Speakerphone	43
Changing a Code, PIN, or Password	44
Locking and Unlocking Your Phone	44
If You Forget a Code, PIN, or Password	46
Using the Phonebook	46
<b>Push to Talk (PTT) Calls</b>	49
One-to-One Calls	49



Group Calls . . . . .	49
Setting Up Your PTT Contacts and Groups Lists . . . . .	49
Viewing Your PTT Contacts and Groups Lists . . . . .	50
Presence Icons . . . . .	52
Personalizing Push to Talk Settings . . . . .	53
Refreshing the PTT Contacts and Groups Lists . . . . .	59
Blocking PTT Contacts . . . . .	60
Unblocking PTT Contacts . . . . .	60
Accessing the Frequently Used List . . . . .	61
Push to Talk Alert Tones . . . . .	62
Push to Talk Icons and Text. . . . .	63
Basic Push to Talk Instructions . . . . .	64
Making Push to Talk Calls. . . . .	65
Answering Push to Talk Calls . . . . .	69
Making an Push to Talk Call from the External Display. . . . .	70
<b>Setting Up Your Phone . . . . .</b>	<b>72</b>
Storing Your Name and Phone Number . . . . .	72
Setting the Time and Date . . . . .	72
Setting a Ring Style. . . . .	73
Setting Answer Options. . . . .	74
Setting the Speakerphone for Phone Calls. . . . .	75
Setting a Wallpaper Image . . . . .	76
Setting a Screen Saver Image . . . . .	77
Setting Display Brightness . . . . .	78
Setting Display Color. . . . .	78
Adjusting the Backlight . . . . .	78
Setting Display Timeout . . . . .	78

<b>Calling Features</b> .....	79
Changing the Active Line .....	79
Redialing a Number .....	79
Using Automatic Redial .....	80
Using Caller ID .....	80
Turning Off a Call Alert .....	81
Calling an Emergency Number .....	81
Dialing International Numbers .....	82
Viewing Recent Calls .....	82
Returning an Unanswered Call .....	84
Using the Notepad .....	85
Attaching a Number .....	85
Calling With Speed Dial .....	86
Calling With 1-Touch Dial .....	86
Using Voicemail .....	86
Using Call Waiting .....	88
Putting a Call On Hold .....	89
Transferring a Call .....	89
<b>Phone Features</b> .....	91
Main Menu .....	91
Settings Menu .....	92
Push to Talk Menus .....	93
Feature Quick Reference .....	94
<b>Specific Absorption Rate Data</b> .....	111
<b>Index</b> .....	113
<b>Warranty</b> .....	125



Getting Started

## Getting Started

---

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

### About This Guide

This guide describes the basic features of your Motorola wireless phone.

**Note:** A *More Here* reference guide for your phone is also available that describes your phone's features in more detail.

To obtain the *More Here* guide for your phone, or another copy of this guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals> (U.S.A.)

<http://motorola.ca/consumer> (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 (U.S.A.) or 1-800-461-4575 (Canada).

## ***Optional Features***



This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

## ***Optional Accessories***



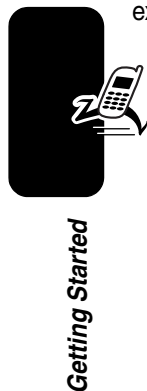
This label identifies a feature that requires an optional Motorola Original™ accessory.

## ***Installing the SIM Card***

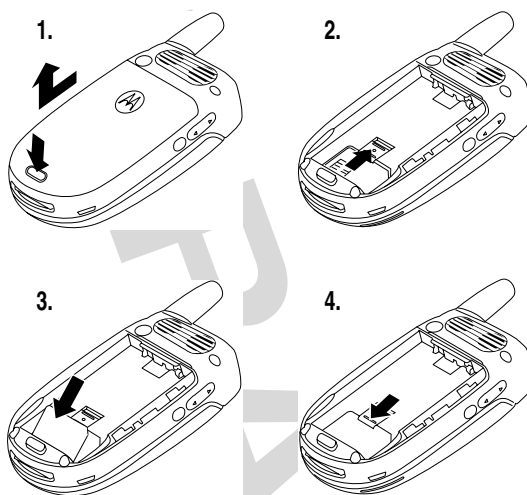
Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory.



***Getting Started***



**Caution:** Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.



## **Battery Use**

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to the phone's accessory connector port; and your voice, data, and other application usage patterns.

**Caution:** To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



*Getting Started*



Getting Started



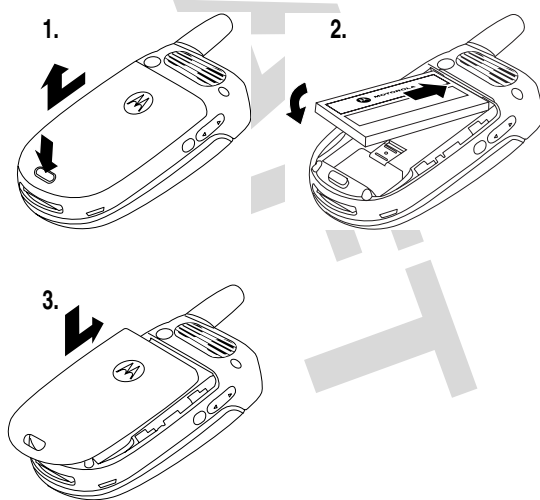
The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

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

## Installing the Battery



Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.



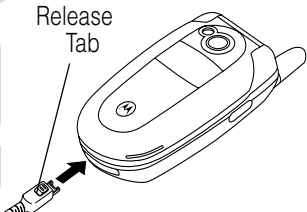
## Charging the Battery

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



Getting Started

### Action

- 1 Insert the travel charger plug into your phone with the release tab facing up. Be sure to insert the plug's connector hooks straight into the phone's charger slots, so that both hooks engage to lock the plug in place.  


**Note:** It may take up to 10 seconds for your phone to indicate the battery is charging depending on the current battery charge level.
- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
- 3 When your phone indicates **Charge Complete**, press the release tab and remove the travel charger.


**Tip:** You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.

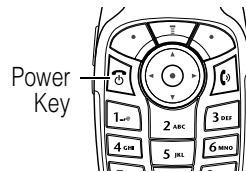



## Turning Your Phone On




### Action



- 1 Open your phone.
- 2 Press and hold  for 2 seconds to turn on the phone.



- 3 If necessary, enter your SIM card PIN code and press **OK** () to unlock the SIM card.

**Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

- 4 If necessary, enter your 4-digit unlock code and press **OK** () to unlock the phone.

**Note:** At startup, you may be prompted to personalize your phone. Select **Yes** () to set personal phone options, or **No** () to go to the home screen. For more information about personalizing your phone, see page 100.

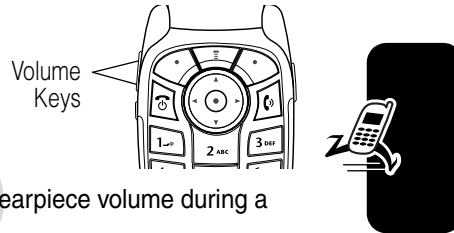
## Adjusting Volume

Press the up or down volume keys to:

- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the home screen is visible (flip must be open)



**Tip:** At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

- turn off an incoming call alert



Getting Started

## Making a Call

	Press	To
1	keypad keys	dial the phone number
2		make the call
3		end the call and “hang up” the phone when you are finished
		<b>Tip:</b> You can also close the phone flip to end the call.

**Note:** You must dial the phone number from the home screen. (see page 24).



## Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

When the phone flip is active, open the phone to answer the call. (To activate, press > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**.)

If the phone flip is **not** active:

Press	To
1  or <b>ANSWER</b> ()	answer the call
2	end the call and “hang up” the phone when you are finished

## Viewing Your Phone Number

To view your phone number from the home screen, press .

While you are on a call, press > **My Tel. Numbers**.

**Note:** Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 72. If you do not know your phone number, contact your service provider.

## Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.



Highlight Features

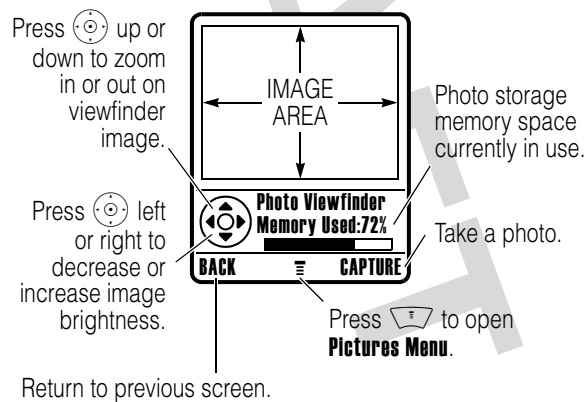
### Taking and Sending a Photo

**Shortcut:** From the home screen, press **CAMERA** (📷) to activate the camera.

To activate your phone's camera:

**Find the Feature** 📱 > **Multimedia** > **Camera**

The active viewfinder image appears on your display.





Point the camera lens at the photo subject, then:

Press	To
1 <b>CAPTURE</b> (⬅️)	take a photo
2 <b>STORE</b> (⬅️)	view storage options
or	
<b>DISCARD</b> (⬅️)	delete the photo and return to active viewfinder
	If you choose to store the photo, continue to step 3.
3 (⬅️)	scroll to <b>Send in Message</b> , <b>Store Only</b> , <b>Apply as Wallpaper</b> , <b>Apply as Screen Saver</b> , <b>Apply as Phonebook Entry</b> , or <b>Send to Blog*</b>
4 <b>SELECT</b> (⬅️)	perform the storage option of your choice

\* Optional network/subscription dependent feature. Not all features may be available on your phone.

Press  to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

Option	Description
<b>Go To Pictures</b>	View pictures and photos stored on your phone.
<b>Auto-Timed Capture</b>	Set a timer for the camera to take a photo.
<b>Delete All</b>	Delete all pictures.
<b>Pictures Setup</b>	Open the setup menu to adjust picture settings.
<b>View Free Space</b>	See how much memory remains for storing pictures.



**Highlight Features**


## ***Sending a Multimedia Message***



A *Multimedia Messaging Service (MMS)* *multimedia message* contains one or more slides with text and embedded media objects (including photos, pictures, animations, sounds, and/or voice records). You can send the multimedia message to other wireless phone users, and to email addresses.

### **Find the Feature**







 > **Messages**  
> **Create Message**  
> **New Multimedia Msg**

Press	To
1 keypad keys	enter slide text
2 	open the <b>MMS Menu</b>



# Highlight Features

Press	To
3	scroll to <b>Insert</b>
4 <b>SELECT</b> ()	display a list of items you can insert
5	scroll to <b>Picture, Voice Record, Sound, New Page, Quick Note, or Contact Info</b>
6 <b>SELECT</b> ()	select the file type
7	highlight the file you want
8 <b>SELECT</b> ()	insert the file
	To add another slide to the message, continue to step 9.
	To send the message, go to step 14.
9	open the <b>MMS Menu</b> to insert a new slide
10	scroll to <b>Insert</b>
11 <b>SELECT</b> ()	display a list of items you can insert
12	scroll to <b>New Page</b>
13 <b>SELECT</b> ()	insert a new slide after the current slide
	Repeat steps 1 to 8 to enter contents for the new slide.
14 <b>OK</b> ()	store the message

Press	To
15 	scroll to a <b>Send To</b> option:  Highlight <b>[One Time Entry]</b> to enter one or more phone numbers and/or email addresses.  Highlight <b>[New Phonebook Entry]</b> to enter a number/address and add it to the phonebook.  Or highlight an existing phonebook entry.
16 <b>SELECT</b> (  )	select <b>[One Time Entry]</b> or <b>[New Phonebook Entry]</b>
or	
<b>ADD</b> (  )	add a phonebook entry to the list of recipients
17 <b>DONE</b> (  )	store the numbers/addresses
18 	scroll to <b>Subject</b>
19 <b>CHANGE</b> (  )	select <b>Subject</b>
20 keypad keys	enter the subject



**Highlight Features**







Highlight Features

Press	To
21 OK (⏏)	store the subject
22 SEND (📧)	send the message

**Note:** Before sending the message, you can add an **Attachment** or request a delivery **Receipt**.

## Receiving a Multimedia Message



When you receive a multimedia message or letter, your phone displays the 📧 (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⏏)	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, 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.

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

- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (⌘) (image file type), **PLAY** (⌘) (sound file), or **OPEN** (⌘) (vObject such as phonebook or datebook entry, or unknown file type).



*Highlight Features*

# Learning to Use Your Phone

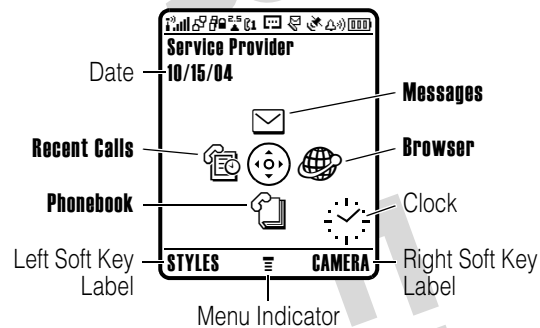
See page 1 for a basic phone diagram.




Learning to Use Your Phone



## Using the Display



The *home screen* is displayed when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.



Press the 5-way navigation key (⬇️) left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press  to return to the home screen.

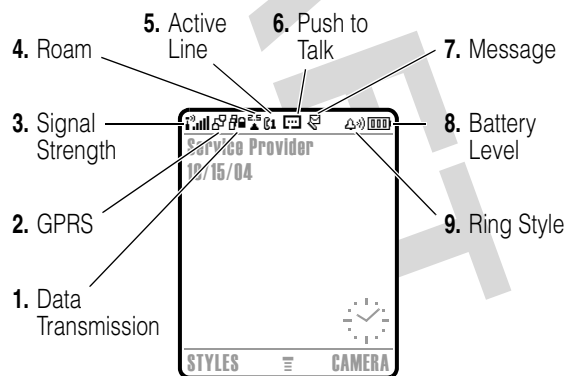
**Note:** Your home screen may look different than the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 101.

The  (menu) indicator indicates that you can press the menu key () to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key () or right soft key () to perform the function indicated by the left or right soft key label.

Your phone can display an analog or digital clock in the home screen (see page 101).

The following status indicators can display:



*Learning to Use Your Phone*



**1. Data Transmission Indicator** Shows connection and data transmission status. Indicators can include:

- |  |                                   |
|--|-----------------------------------|
| = secure packet data transfer                  | = unsecure packet data transfer   |
| = secure application connection                | = unsecure application connection |
| = secure <i>Circuit Switch Data</i> (CSD) call | = unsecure CSD call               |

**2. GPRS Indicator** Shows that your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. GPRS allows faster data transfer speeds. Other indicators can include:

- |                           |                              |
|---------------------------|------------------------------|
| = GPRS PDP context active | = GPRS packet data available |
|---------------------------|------------------------------|

**3. Signal Strength Indicator** Vertical bars show the strength of the network connection. You cannot make or receive calls when the (no signal) indicator or (no transmit) indicator is displayed.

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

- |             |             |
|-------------|-------------|
| = 2.5G home | = 2.5G roam |
| = 2G home   | = 2G roam   |



**5. Active Line Indicator** Shows or to indicate the current active phone line. Other indicators can include:

= line 1 active,  
call forward on

= line 2 active, call  
forward on

= alarm activated



**6. Push to Talk Indicator** Shows that your phone is connected to the Push to Talk network.



When instant message is active, can display in this location.

When a Java application is active, a (Java midlet) indicator can display in this location.



**7. Message Indicator** Displays when you receive a new message. Indicators can include:

= text message

= voicemail  
message

= voicemail and  
text message

= answering  
machine

= IM message

= active chat  
session

When you enter a message, a number in this location shows the number of characters left on the current page (text message), or the message size in bytes/kilobytes (multimedia message or letter).



Learning to Use Your Phone



**8. Battery Level Indicator** Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

**9. Ring Style Indicator** Shows the ring style setting.

△📞 = loud ring

△📞 = soft ring

🔊 = vibrate

🔊△ = vibrate and ring

△🔇 = silent


## Using the 5-Way Navigation Key

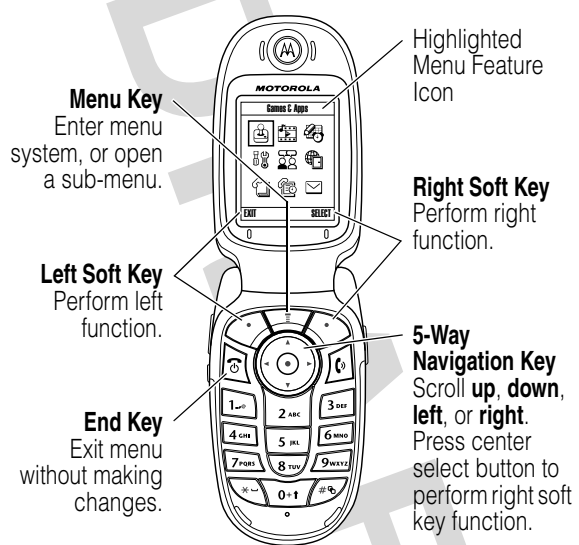
5-Way  
Navigation  
Key



Use the 5-way navigation key (⬇️) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the *center select* button to select a highlighted menu item. The center select button usually performs the same function as the right soft key (⬅️).

## Using Menus


From the home screen, press  to enter the main menu.












*Learning to Use Your Phone*





Press  to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may appear in the main menu, depending on your service provider and service subscription options.




Menu Icon	Feature	Menu Icon	Feature
	Phonebook		Recent Calls
	Messages		Office Tools
	Games & Apps		Web Access
	Multimedia		IM
	Settings		

### Selecting a Menu Feature

This guide shows you how to select a menu feature, starting from the home screen.

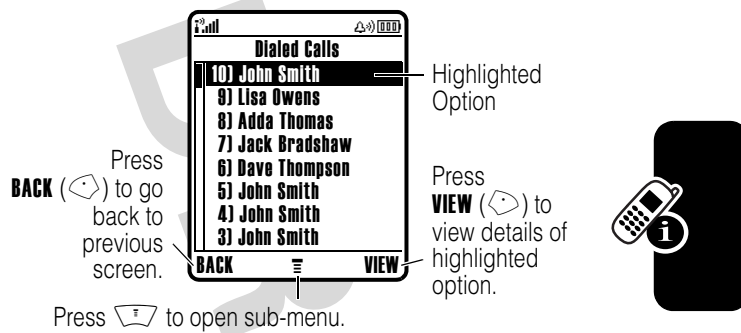
#### Find the Feature

 > Recent Calls > Dialed Calls

This example shows that from the home screen, you must press , scroll to and select  Recent Calls from the main menu, then scroll to and select **Dialed Calls**. Press  to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

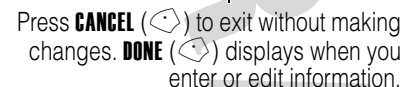
## Selecting a Feature Option

Some features require you to select an option from a list:

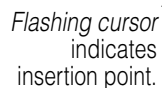



- Press (↑/↓) to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.
- When an option has a list of possible values, press (←/→) left or right to scroll through and select a value.
- When an option has a list of possible numeric values, press a number key to set the value.

## Learning to Use Your Phone




For indicator descriptions, see following section.




Press **INSERT** (  ) to insert a quick note, picture, or sound.

## Choosing a Text Entry Method


Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press  in any text entry screen to select one of the following entry methods:

<b>Primary</b>	The primary text entry method (see below to set).
<b>Numeric</b>	Enter numbers only (see page 40).
<b>Symbol</b>	Enter symbols only (see page 41).
<b>Secondary</b>	The secondary text entry method (see below to set).

Alternatively, you can select a text entry method in any text entry screen by pressing  > **Entry Mode**.

## Setting Up a Text Entry Method

Press  > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

<b>ITAP</b>	Let the phone predict each word as you press keys (see page 38).
<b>Tap</b>	Enter letters and numbers by pressing a key one or more times.
<b>Tap Extended</b>	Enter letters, numbers, and symbols by pressing a key one or more times.
<b>None</b>	Hide the <b>Secondary</b> setting (only available for <b>Secondary Setup</b> ).





### Using Capitalization

Press in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters      Abc = capitalize next letter only  
ABC = all capital letters

### Text Entry Method Indicators

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

Primary	Secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
		iTAP, no capital letters
		iTAP, capitalize next letter only
		iTAP, all capital letters




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


123 = numeric method      @ = symbol method

## Using Tap Method

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

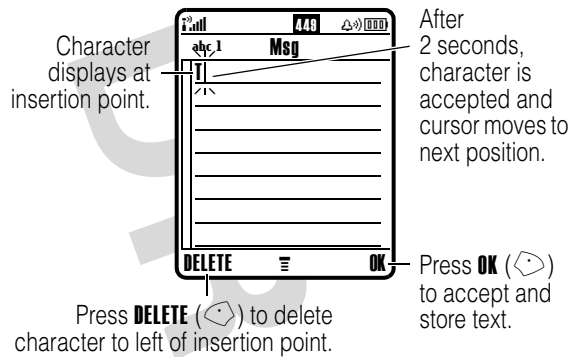
Regular **Tap** method cycles through the letters and number of the key you press. **Tap Extended** method also cycles through additional symbols as shown in the “Character Chart” on page 37.

Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 Keypad keys	enter remaining characters
	<b>Tip:</b> Press  right to accept a word completion, or  to insert a space.
3 OK (  )	store the text

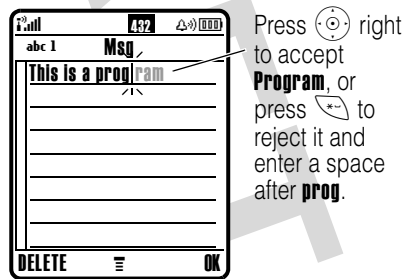
In a text entry screen, you can press  to switch entry methods. An indicator shows which method is active (see page 34). If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry method, see page 33.



When you enter text with **Tap** or **Tap Extended** method, the soft key functions change.



When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:



If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

## Character Chart

Use this chart as a guide for entering characters with **Tap Extended** method.

1-1	. 1 ? ! , @ _ & ~ : ; " ' - ( ) ' ÿ ÿ % £ \$ ¥ ¤ € + x * / \ [ ] = > < # §
2-1	a b c 2 ä å á à â ã α β ç
3-1	d e f 3 δ ë é è ê ø
4-1	g h i 4 ĩ í î γ
5-1	j k l 5 λ
6-1	m n o 6 ñ ö ø ó ò ô õ ω
7-1	p q r s 7 π β σ
8-1	t u v 8 θ ü ú ù û
9-1	w x y z 9 ξ ψ
0+1	change text case, for capital letters
1-2	enter a space (hold to enter a return)
1-3	change text entry method (hold for default)

**Note:** This chart may not reflect the exact character set available on your phone. In an email address or URL editor, 1-1 first shows common characters for that editor.






Learning to Use Your Phone





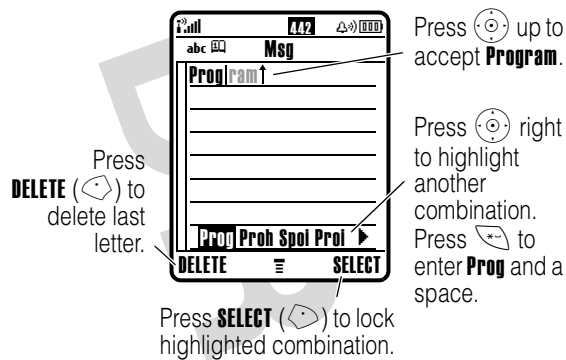
### ***Tap Method Text Entry Rules***

- Press a keypad key repeatedly to cycle through its characters.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. If necessary, press  down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.

### ***Using iTAP™ Method***

iTAP™ software provides a predictive text entry method that lets you enter a word using one keypress per letter. This can be faster than **Tap** method, because your phone combines the keypresses into common words.

For example, if you press **7** **4** **6** **4**, letter combinations that match your keypresses display:



If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

### Entering Words




In a text entry screen, you can press **\*\*** to switch entry methods. An indicator tells you which method is active (see page 34). If **ITAP** method is not available as the **Primary** or **Secondary** entry method, see page 33.

Press	To
1 Keypad keys (one press per letter)	show possible letter combinations at the bottom of the display




Learning to Use Your Phone




Press	To
2  left or right	highlight the combination you want
3 <b>SELECT</b> 	lock a highlighted combination
You can press keypad keys to add more letters to the end of the combination.	
or 	enter the highlighted combination when it spells a word
	A space is automatically inserted after the word.


If you enter a word your phone does not recognize, the phone stores it to use as one of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.




### Using Numeric Method

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

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

## Using Symbol Method

In a text entry screen, press  to switch entry methods until the @ (symbol) indicator displays.

Press	To
1 Keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2  left or right	highlight the combination you want
3 <b>SELECT</b> (  )	lock a highlighted combination  You can press keypad keys to add more symbols to the end of the combination.
or 	enter the highlighted combination



Learning to Use Your Phone



## Symbol Chart

Use this chart as a guide for entering characters with symbol method.

1 →	. ? ! , @ _ & ~ : ; " - ( ) ' ¿   % £ \$ ¥ ¤ €
2 →	@ _ \
3 →	/ : ;
4 →	" & '
5 →	( ) [ ] { }
6 →	¿ ¡ ~
7 →	< > =
8 →	\$ £ ¥ ¤ €
9 →	# % *
0-1	+ - x * / = > < # §
→	enter a space (hold to enter a return)
*%	change text entry method (hold for default)

**Note:** This chart may not reflect the exact character set available on your phone. In an email address or URL editor, → first shows common characters for that editor.

## Deleting Letters and Words


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

Action
Press <b>DELETE</b> (⬅) to delete one letter at a time.
Hold <b>DELETE</b> (⬅) to delete the entire message.

## Using the Push to Talk (PTT) Button

Push to Talk Button



Press  to access the Push to Talk feature, menus, contacts, groups, and settings.

## Using the Internal Speakerphone

You can set the speakerphone to **On** or **Off** for phone calls (see page 75) and Push to Talk calls (see page 56). When set to **On**, you can talk and listen to your calls without holding the phone to your ear.

**Note:** You do not have to set the speakerphone to **On** or **Off** for both types of calls. For example, you can set **Off** for phone calls, and **On** for Push to Talk calls.

**Note:** The internal speakerphone is disabled when you connect your phone to a handsfree car kit or headset accessory.



Learning to Use Your Phone



## Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has **not** reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:

### Find the Feature



> Settings > Security  
> New Passwords

## Locking and Unlocking Your Phone

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

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer.**

You can make emergency calls on your phone even when it is locked (see page 81).

## Locking Your Phone Manually

### Find the Feature

 > Settings > Security  
> Phone Lock > Lock Now

Press	To
1 keypad keys	enter your unlock code
2 OK (↵)	lock the phone

## Unlocking Your Phone

**Tip:** Your phone's unlock code is originally set to 1234. Many service providers reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK (↵)	unlock your phone

## Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

### Find the Feature

 > Settings > Security  
> Phone Lock  
> Automatic Lock > On

Press	To
1 keypad keys	enter your unlock code
2 OK (↵)	activate automatic lock



Learning to Use Your Phone







## If You Forget a Code, PIN, or Password

**Note:** Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Many service providers reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, do the following at the **Enter Unlock Code** prompt:

Press	To
1 	display the unlock code bypass screen
2 keypad keys	enter your security code
3 <b>OK</b> (  )	submit your security code

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

## Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 98 and the *More Here* guide (described on page 8).

### ***Storing a Phone Number***

Enter a phone number in the home screen, then press **STORE** (⏏) to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) under the same **Name**.

### ***Recording a Voice Name***

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (⏏). Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. Press **DONE** (⏏) to store the voice name.

**Note:** This option is not available for entries stored on the SIM card.

### ***Dialing a Number***




Press  > **Phonebook** > *entry to call*.

### ***Voice Dialing a Number***

Press and release the voice key, and say the entry's name (within 2 seconds).



### Sorting Phonebook Entries

Press  > **Phonebook**, press  > **Setup** > **Sort by**, press **CHANGE** () then select whether you want to sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 100.



### Setting a Picture ID for a Phonebook Entry



Press  > **Phonebook** > *entry*, press  > **Edit** > **Picture** > *picture name*.

Also see pages 3 and 17.

### Setting Picture ID View

Press  > **Phonebook**, press  > **Setup** > **View by** > **Picture**.

### Viewing Entries By Category

Press  > **Phonebook**, press  > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 99.

## ***Push to Talk (PTT) Calls***

---

Push to Talk (PTT) is a feature that lets you talk walkie-talkie style with other Push to Talk subscribers. You can have a One-to-One call with a contact, or a Group call with many people at the same time.

You can start a Push to Talk call by:

- Selecting a Push to Talk contact from your **PTT Contacts** list or by selecting a Push to Talk group from your **PTT Groups** list
- Selecting a Push to Talk contact from your **Dialed Calls** or **Received Calls** lists
- Dialing a Push to Talk subscriber's phone number using the keypad, then pressing the Push to Talk button (⊖)



*Push to Talk (PTT) Calls*

### ***One-to-One Calls***

One-to-one calls are started between you and an individual contact.

### ***Group Calls***




Group calls (one to many) allows immediate connection to all members of a group of contacts.

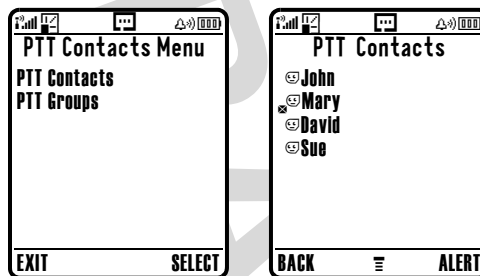
### ***Setting Up Your PTT Contacts and Groups Lists***




Individual contacts are stored in the **PTT Contacts** list. Groups are stored in the **PTT Groups** list. To set up your **PTT Contacts** and **PTT Groups** lists, contact your service provider.

## Viewing Your PTT Contacts and Groups Lists

### Action

- 1 From the home screen, press  to display the **PTT Contacts Menu**.
- 2 Press  to highlight **PTT Contacts** or **PTT Groups**.
- 3 Press **SELECT** () to open the highlighted list.



- 4 To exit the list, press **BACK** ()
- 5 To view the other list, press  to highlight it, then press **SELECT** () to open it.

or

Press **EXIT** () to exit the **PTT Contacts Menu**.

Presence icons to the left of the entries in the **PTT Contacts** and **PTT Groups** lists indicate online or offline status (see page 52).

Push to Talk (PTT) Calls

## Viewing Your PTT Contacts and Groups Lists Details

### Find the Feature

☰ > PTT Contacts Menu  
> PTT Contacts or  
PTT Groups

Press	To
1 <b>SELECT</b> (📁)	open the list
2 (📶)	highlight a contact or group
3 (📄)	open a list of options
4 (📶)	highlight <b>VIEW</b>
5 <b>SELECT</b> (📁)	view the details

The **PTT Contacts** detailed **VIEW** displays:

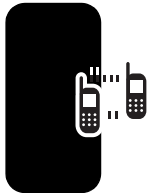
- presence icons
- name and numbers
- online alert settings
- blocked mode settings

The **PTT Groups** detailed **VIEW** displays:

- presence icons
- group name and numbers
- online alert settings



Push to Talk (PTT) Calls



*Push to Talk (PTT) Calls*

# **Presence Icons**

Presence icons to the left of each entry in the **PTT Contacts** and **PTT Groups** lists indicate the status of the contact or group.











Icon	Status
	Contact is online.
	Group is online.
	Contact is offline.
	Group is offline.
	Contact is blocked (see page 60).
	An Online Alert has been set to notify you when a contact that is offline, comes back online (see page 60).

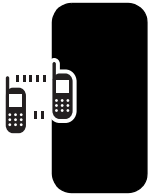
# Personalizing Push to Talk Settings

## “Open To” Sorting the PTT Contacts and Groups Lists

You can sort your contacts and groups alphabetically by name (**Top of List**), or by the last call you received (**Last Call**).

**Find the Feature**  > **PTT Contacts Menu**  
> **PTT Contacts** or  
**PTT Groups**

Press	To
1 <b>SELECT</b> 	open the list
2 	open a list of options
3 	highlight <b>PTT Setup</b>
4 <b>SELECT</b> 	open the <b>PTT Setup</b> menu
5 	highlight <b>PTT Personalize</b>
6 <b>SELECT</b> 	open the <b>PTT Personalize</b> menu
7 	highlight <b>Open To</b>
8 <b>CHANGE</b> 	display the options
9 	highlight <b>Top of List</b> or <b>Last Call</b>
10 <b>SELECT</b> 	set the “open to” order



Push to Talk (PTT) Calls





## Sorting Your PTT Contacts and Groups Lists

You can sort your contacts and groups alphabetically by **Name**, online **Status**, or **Frequency**.

### Find the Feature

☰ > **PTT Contacts Menu**  
> **PTT Contacts** or  
**PTT Groups**

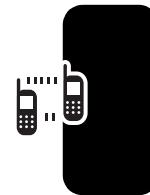
Press	To
1 <b>SELECT</b> (⬅️)	open the list
2 (⏏️)	open a list of options
3 (⬇️)	highlight <b>PTT Setup</b>
4 <b>SELECT</b> (⬅️)	open the <b>PTT Setup</b> menu
5 (⬇️)	highlight <b>PTT Personalize</b>
6 <b>SELECT</b> (⬅️)	open the <b>PTT Personalize</b> menu
7 (⬇️)	highlight <b>Sort by</b>
8 <b>CHANGE</b> (⬅️)	display the options
9 (⬇️)	highlight <b>Name, Status, or Frequency</b>
10 <b>SELECT</b> (⬅️)	set the “sort by” order

## Setting the Answer Mode for Incoming Push to Talk Calls

### Find the Feature

☰ > PTT Contacts Menu  
> PTT Contacts or  
PTT Groups

Press	To
1 <b>SELECT</b> (◀)	open the list
2 (▶)	open a list of options
3 (◂)	highlight <b>PTT Setup</b>
4 <b>SELECT</b> (◀)	open the <b>PTT Setup</b> menu
5 (◂)	highlight <b>PTT Personalize</b>
6 <b>SELECT</b> (◀)	open the <b>PTT Personalize</b> menu
7 (◂)	highlight <b>My Answer Mode</b>
8 <b>CHANGE</b> (◀)	display the options
9 (◂)	highlight <b>Manual, Auto-Accept, or Do Not Disturb</b>
10 <b>SELECT</b> (◀)	set the answer option



Push to Talk (PTT) Calls



The answer mode options are:

Option	Description
Manual	You select to answer or ignore incoming Push to Talk calls.
Auto-Accept	Barge call tone is received, then phone automatically accepts the Push to Talk call.
Do Not Disturb	Your phone does not accept incoming Push to Talk calls. <b>Note:</b> When this option is set, your phone displays a <b>Missed Call</b> indicator when a Push to Talk call is sent to your phone.

### Setting the Speakerphone for Push to Talk Calls

You can set the speakerphone to **On** or **Off** for incoming and outgoing Push to Talk calls.

#### Find the Feature

☰ > PTT Contacts Menu  
> PTT Contacts or  
PTT Groups

Press	To
1 SELECT (◀▶)	open the list
2 ⏏	open a list of options
3 ⏏	highlight <b>PTT Setup</b>

Press	To
4 <b>SELECT</b> (📞)	open the <b>PTT Setup</b> menu
5 (📶)	highlight <b>PTT Personalize</b>
6 <b>SELECT</b> (📞)	open the <b>PTT Personalize</b> menu
7 (📶)	highlight <b>PTT Speaker</b>
8 <b>CHANGE</b> (📞)	display the options
9 (📶)	highlight <b>On</b> or <b>Off</b>
10 <b>SELECT</b> (📞)	set the speakerphone mode

### ***Using the Speakerphone During Push to Talk Calls When Set to Off***

When the speakerphone is set to **Off**, you can use it during a Push to Talk call by pressing (▶) or **Speaker** (📞). When the call ends, the speakerphone remains **Off** until you set it to **On** in the **PTT Speaker** menu, or press (▶) or **Speaker** (📞) during a call.



*Push to Talk (PTT) Calls*












## Setting Online Alerts


When a contact is offline, you can set a one-time alert to notify you when the contact is back online.

### Find the Feature

 > **PTT Contacts Menu**  
> **PTT Contacts** or  
**PTT Groups**

Press	To
1 <b>SELECT</b> (  )	open the list
2 	highlight a contact or group
3 	open a list of options
4 	highlight <b>PTT Setup</b>
5 <b>SELECT</b> (  )	open a list of options
6 	highlight <b>Set Online Alert Tone</b>
7 <b>CHANGE</b> (  )	open a list of options
8 	highlight <b>On</b> or <b>Off</b>
9 <b>SELECT</b> (  )	set the alert






## Refreshing the PTT Contacts and Groups Lists

The presence status of your **PTT Contacts** and **PTT Groups** lists are automatically refreshed (updated) when you press  to make or end a call, and when a contact or group's status changes. However, you can perform a manual refresh of a contact or group.

### Manually Refreshing an Entry in Your PTT Contacts and Groups

#### Find the Feature

 > PTT Contacts Menu  
> PTT Contacts or PTT Groups

	Press	To
1	<b>SELECT</b> (  )	open the list
2		highlight a contact or group
3		open a list of options
4		highlight <b>Refresh List</b>
5	<b>SELECT</b> (  )	refresh the contact or group status



Push to Talk (PTT) Calls






## Blocking PTT Contacts

You can block a contact from sending Push to Talk calls to your phone.

**Note:** You cannot block a group from sending Push to Talk calls to your phone.

### Find the Feature

 > PTT Contacts Menu  
> PTT Contacts

Press	To
1 <b>SELECT</b> (  )	open the list
2 	highlight a contact
3 	open a list of options
4 	highlight <b>Block</b>
5 <b>SELECT</b> (  )	block the contact

## Unblocking PTT Contacts

To unblock a contact, highlight the contact, then press **UNBLOCK** ()

## Accessing the Frequently Used List

PTT contacts and PTT groups that you call often from the **Received Calls** and **Dialed Calls** lists are automatically stored by the phone in the **Frequently Used** list.

### Find the Feature

☰ > PTT Contacts Menu  
> PTT Contacts or PTT Groups

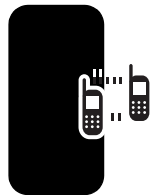
Press	To
1 <b>SELECT</b> (⬇️)	open the list
2 ⏏️	open a list of options
3 ⌚	highlight <b>Frequently Used</b>
4 <b>SELECT</b> (⬇️)	open the list

**Note:** If the list is empty, **No Contacts** displays at the top of the screen.



Push to Talk (PTT) Calls





*Push to Talk (PTT) Calls*

## **Push to Talk Alert Tones**

The following table describes the tones sent and received during Push to Talk calls.









**Note:** These tones cannot be customized.

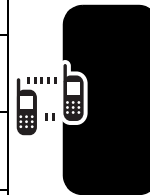
<b>Tone</b>	<b>Sent or Received</b>
Online Alert	when a PTT contact or group status changes from offline to online
Connection to Speak	when floor control is available to all users on the call  <b>Note:</b> When floor control is available, any user on the call can talk by pressing and holding the Push to Talk button (⊖). The active speaker has floor control.
Alert	when you receive an Alert call
Announce Barge Call	just before you receive or send a Barge call with announcement  <b>Note:</b> Some Barge calls can be sent or received without announcement.
Floor Unavailable	when the floor is requested but is already in use

Tone	Sent or Received
Busy Tone	when you initiate a Push to Talk call with a contact who is already on a call



## Push to Talk Icons and Text

Icons and text displays keep you informed of the status of your Push to Talk calls.

Icon/Text	Displays
 Incoming Alert (name or number)	when you initiate an Alert call to a contact
 Connecting to (name or number)	when a call to a contact is connecting
 Connected (name or number)	when a call to a contact is connected
 Talking to (name or number)	when you are talking to a contact
 Listening to (name or number)	when you are listening to a contact
 Incoming (group or number)	when receiving a group call
 Connecting to (group or number)	when a Barge call to a group is connecting
 Connected (group or number)	when a group call is connected



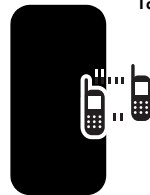
Push to Talk (PTT) Calls

Icon/Text	Displays
 Talking to (group or number)	when you are talking to a group
 Listening to (group or number)	when you are listening to a member of a group  <b>Note:</b> Only one member of a group can have the floor.

## Basic Push to Talk Instructions

The following table describes basic actions during Push to Talk calls.

**Note:** The actions are not necessarily in the exact order of events.




Push to Talk (PTT) Calls


### Action


From the home screen, press and release  to display the **PTT Contacts Menu**.

Press  to scroll to **PTT Contacts** or **PTT Groups**.


Press **SELECT** () to open the highlighted list.

Press  to select a contact or group to call.


Press and hold  to start a Barge with Announce call with a contact.


Press and hold  to start a Barge call with a group.


### Action

Press and hold , and wait for the Connection to Speak tone before talking.


**Important:** Floor control is available to all user on a call. If you do not wait for the Connection to Speak tone before talking, part of your message may be lost.

If no one talks (or  is not pressed and held) for 20 seconds or more, the call disconnects.

Release  to make floor control available (the ability to talk on the call).

Press **EXIT** () to end the call.



## Making Push to Talk Calls

When  displays at the top of the home display, you can make and receive Push to Talk calls.

### Making Barge Calls from Your PTT Contacts and Groups

- A Push to Talk call to a group is always started as a Barge call. The caller receives immediate floor control (ability to talk).

### Action

- 1 From the home screen, press and release  to display the **PTT Contacts Menu**.
- 2 Press  to highlight **PTT Contacts** or **PTT Groups**.



Push to Talk (PTT) Calls








Push to Talk (PTT) Calls



Action	
3	Press <b>SELECT</b> (◀) to open the highlighted list.
4	Press (⦿) to highlight a contact or group.
5	Press and hold (⊖), and wait for the Connection to Speak tone to start the call with a group or contact.
6	After the Connection to Speak tone, continue to hold (⊖) to talk.
7	Release (⊖) to allow floor control to another user on the call.
8	Press <b>EXIT</b> (▶) or (⏏) to end the call.





### ***Making Barge Calls from Your Recent Calls Lists***

Action	
1	From the home screen, press (📄).
2	Press (⦿) to highlight <b>Recent Calls</b> .
3	Press <b>SELECT</b> (◀) to open the menu.
4	Press (⦿) to highlight <b>Received Calls</b> or <b>Dialed Calls</b> .
5	Press <b>SELECT</b> (◀) to open the highlighted menu.
6	Press (⦿) to highlight a contact or group in the list.

Action	
7	Press and hold  , and wait for the Connection to Speak tone to send the Barge call to a group or contact.
8	After the Connection to Speak tone, continue to hold  to talk.
9	Release  to allow floor control to another user on the call.
10	Press <b>EXIT</b> (  ) or  to end the call.

### ***Making an Alert Call from Your PTT Contacts List***

Alert calls cannot be sent to Groups, only to contacts. When an Alert call is started, the contact receives an Alert tone. The receiving contact can accept the call by pressing **ANSWER** () or decline the call by pressing **IGNORE** ()

Action	
1	From the home screen, press and release  to display the <b>PTT Contacts Menu</b> .
2	Press  to highlight <b>PTT Contacts</b> .
3	Press <b>SELECT</b> (  ) to open the contacts list.
4	Press  to highlight a contact.



*Push to Talk (PTT) Calls*



#### Action

- 5 Press **Alert** (📞) to send a call request to the contact. The contact receives an Alert tone and **Incoming Request** displays.  
If the call request is accepted, the contact has floor control.  
If the call is not accepted, **Call Ended** displays.
- 6 When floor control is received, press and hold (📞) to talk.
- 7 Release (📞) to allow floor control to the other user.
- 8 Press **EXIT** (📞) or (📞) to end the call.

### ***Making Alert Calls from Your Recent Calls Lists***

#### Action

- 1 From the home screen, press (📞).
- 2 Press (📞) to highlight **Recent Calls**.
- 3 Press **SELECT** (📞) to open the menu.
- 4 Press (📞) to highlight **Received Calls** or **Dialed Calls**.
- 5 Press **SELECT** (📞) to open the highlighted menu.
- 6 Press (📞) to highlight a contact in the list.

#### Action

- 7 Press **Alert** (📞) to send a call request to the contact. The contact receives an Alert tone, and **Incoming Request** displays.  
If the call request is accepted, the contact has floor control.  
If the call is not accepted, **Call Ended** displays.
- 8 When floor control is received, press and hold (📞) to talk.
- 9 Release (📞) to release floor control to another contact.
- 10 Press **EXIT** (📞) or (📞) to end the call.

## Answering Push to Talk Calls



### Answering a Barge Call

When you receive a Barge call, the Announce Barge Call tone sounds followed by conversion from the caller.

#### Action

- 1 When floor control is released to you, press and hold (📞), wait for the Connection to Speak tone., then speak.
- 2 Perform the basic procedure to talk and listen.
- 3 Press **EXIT** (📞) or (📞) to end the call.

Push to Talk (PTT) Calls



## Answering an Alert Call

### Action

- 1 After the Alert Tone, press **ANSWER** (◀) to answer the call, or **IGNORE** (▶) to cancel the call.
- 2 Perform the basic procedure to talk and listen.
- 3 Press **EXIT** (◀) or (▶) to end the call.

## Making an Push to Talk Call from the External Display.

### Find the Feature

(▶) > Recent Calls





### Action

- 1 Press (≡).
- 2 Press the up or down volume key to display **PTT Contacts** or **PTT Groups**.
- 3 Press (≡) to access the list.
- 4 Press the up or down volume key to display the contact or group.
- 5 Press (≡) to start the call.
- 6 If the contact or group accepts the call, follow the basic procedures to talk and listen.
- 7 Press **EXIT** (◀) or (▶) to end the call.

Push to Talk (PTT) Calls

### ***Answering a Push to Talk Call From the External Display.***

#### **Action**

- 1 After the Alert Tone, press and release  to answer the call.
- 2 Press and hold , wait for the Connection to Speak tone, then talk..
- 3 Perform the basic procedure to talk and listen.
- 4 Press **EXIT** () or  to end the call.

### ***Canceling an Incoming Push to Talk Call***

#### **Action**




Press **IGNORE** () or .

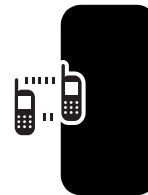
### ***Missed Push to Talk Calls***

When an Alert call is missed, **Missed Call** displays.

**Note:** Your phone does not notify you of missed Barge calls.

#### **Action**

- 1 Press **View** () to display the **Received Calls** list.
- 2 Press  to scroll through the list and highlight the missed call.
- 3 Press  to return the call.



**Push to Talk (PTT) Calls**

# Setting Up Your Phone

## Storing Your Name and Phone Number





To store or edit your name and phone number information on your SIM card:

### Find the Feature



> Settings > Phone Status  
> My Tel. Numbers

**Shortcut:** Press   from the home screen to edit your name and phone number.

If you do not know your phone number, contact your service provider.

Setting Up Your Phone

## Setting the Time and Date

You must set the time and date to use the datebook.

### Find the Feature



> Settings > Initial Setup  
> Time and Date





## Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of 5 different ring styles. The ring style indicator in the display shows the current ring style (see pages 25 and 28).

To set a ring style:

**Find the Feature**  **> Settings > Ring Styles**  
**> Style**

	Press	To
1		scroll to the ring style
2	<b>SELECT</b> (  )	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > **Settings** > **Ring Styles** > *Style Detail*.

## Setting Up Your Phone









## Setting Answer Options

You can use additional, alternative methods to answer an incoming call.

<b>Multi-Key</b>	answer by pressing any key
<b>Open to Answer</b>	answer by opening the flip

To activate or deactivate an answer option:





**Find the Feature**  > **Settings** > **In-Call Setup**  
> **Answer Options**





	Press	To
1		scroll to <b>Multi-Key</b> or <b>Open to Answer</b>
2	<b>CHANGE</b> (  )	select the option
3		scroll to <b>On</b> or <b>Off</b>
4	<b>SELECT</b> (  )	confirm the setting

## Setting the Speakerphone for Phone Calls

You can set the speakerphone to **On** or **Off** for phone calls.:

**Find the Feature**  > **Settings** > **In-Call Setup**  
> **SpeakerPhone**

	Press	To
1		scroll to <b>Phone Speaker</b>
2	<b>CHANGE</b> (  )	select the option
3		scroll to <b>On</b> or <b>Off</b>
4	<b>SELECT</b> (  )	confirm the setting

When the speakerphone is set to **Off**, you can use it during a phone call by pressing  or **Speaker** (). When the call ends, the speakerphone setting remains **OFF** until you change it to **On** in the **Phone Speaker** option, or press  or **Speaker** () during a call.

**Note:** If the speakerphone is set to **On** in the **Phone Speaker** option, follow the same procedure above to turn it **Off** during a call.

Setting Up Your Phone












## Setting a Wallpaper Image

Set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

### Find the Feature

 > **Settings** > **Personalize**  
> **Wallpaper**

Press	To
1 	scroll to <b>Picture</b>
2 <b>CHANGE</b> (  )	open the picture viewer
3  up or down	scroll to a picture/animation  Scroll to <b>(None)</b> to turn off the wallpaper image.
4 <b>SELECT</b> (  )	select the image
5 	scroll to <b>Layout</b>
6 <b>CHANGE</b> (  )	adjust the image layout
7 	scroll to <b>Center</b> , <b>Tile</b> , or <b>Fit-to-screen</b>  <b>Center</b> places the image in the center of the display.  <b>Tile</b> fills the display with adjacent copies of the image.  <b>Fit-to-screen</b> resizes the image, if necessary, to fit the display.

Press	To
8 <b>SELECT</b> (⏏)	confirm the layout setting
9 <b>BACK</b> (⏏)	save wallpaper settings

## Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image.

The screen saver image displays when the flip is open and no activity is detected for a specified time period. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

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

### Find the Feature

⏏ > **Settings** > **Personalize**  
> **Screen Saver**

Press	To
1 ⏏	scroll to <b>Picture</b>
2 <b>CHANGE</b> (⏏)	open the picture viewer
3 ⏏ up or down	scroll to a picture/animation Scroll to <b>(None)</b> to turn off the screen saver image.
4 <b>SELECT</b> (⏏)	select the image
5 ⏏	scroll to <b>Delay</b>
6 <b>CHANGE</b> (⏏)	set the delay interval
7 ⏏	scroll to the inactivity interval that triggers the screen saver





	Press	To
8	SELECT (◀)	confirm the delay setting
9	BACK (◀)	save screen saver settings

## Setting Display Brightness

Find the Feature

 > Settings > Initial Setup  
> Brightness

## Setting Display Color

Select the color palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature

 > Settings > Personalize  
> Color Style

## Adjusting the Backlight

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

Find the Feature

 > Settings > Initial Setup  
> Backlight

## Setting Display Timeout

Set the display to turn off when no activity is detected for a specified time.

Find the Feature

 > Settings > Initial Setup  
> Display Timeout

# Calling Features

For basic instructions on how to make and answer calls, see page 15.

## Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.

**Note:** This feature is available only for dual-line-enabled SIM cards.

### Find the Feature



> Settings > Phone Status  
> Active Line

The active line indicator in the display shows the current active phone line (see page 25).

## Redialing a Number

Press	To
1	view the dialed calls list
2	scroll to the entry you want to call
3	redial the number





## Using Automatic Redial



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

To redial the phone number:

Press	To
 or <b>RETRY</b> (  )	activate automatic redial

Your phone automatically redials the number. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

## Using Caller ID

### Incoming Calls



*Calling line identification* (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

The phone displays the caller's name (and picture ID, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ringer ID for specific entries stored in your phonebook. For more information, see page 98.

Calling Features



## Outgoing Calls




You can show or hide your phone number as an ID for the calls that you make.

### Find the Feature

 > **Settings > In-Call Setup**  
> **My Caller ID**

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):

Press	To
 > <b>Hide ID/Show ID</b>	hide or show your caller ID for the next call

## Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

## Calling an Emergency Number


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

**Note:** Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not






work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.


Press	To
1 keypad keys	dial the emergency number
2 	call the emergency number

### Dialing International Numbers



Press and hold  to insert the local international access code (+) for the country from which you are calling.






### Viewing Recent Calls

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

**Shortcut:** Press  from the home screen to view the dialed calls list.

**Find the Feature**  > Recent Calls

Press	To
1 	scroll to <b>Received Calls</b> or <b>Dialed Calls</b>
2 <b>SELECT</b> (  )	select the list


Press	To
3 	scroll to an entry
<b>Note:</b> ✓ means the call connected.	
4 	call the entry's number
<b>Tip:</b> Press and hold  for 2 seconds to send the number as DTMF tones during a call.	
or	
VIEW (  )	view entry details
or	
	open the <b>Last Calls Menu</b> to perform various operations on the entry

The **Last Calls Menu** can include the following options:

Option	Description
<b>Store</b>	Create a phonebook entry with the number in the <b>No.</b> field.
<b>Delete</b>	Delete the entry.
<b>Delete All</b>	Delete all entries in the list.
<b>Hide ID/Show ID</b>	Hide or show your caller ID for the next call.
<b>Send Message</b>	Open a new text message with the number in the <b>To</b> field.









Option	Description
<b>Add Digits</b>	Add digits after the number.
<b>Attach Number</b>	Attach a number from the phonebook or recent calls lists.
<b>Send Tones</b>	Send the number to the network as DTMF tones. <b>Note:</b> This option displays only during a call.
<b>Talk then Fax</b>	Talk and then send a fax in the same call (see page 106). 

## Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:




- the  (missed call) indicator
- X Missed Calls**, where **X** is the number of missed calls

Press	To
<b>1</b> <b>VIEW</b> (  )	see the received calls list
<b>2</b> 	select a call to return
<b>3</b> 	make the call

## Using the Notepad


The most recent set of digits entered on the keypad are stored in your phone's *notepad* memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

**Find the Feature**     > **Recent Calls** > **Notepad**

Press	To
	call the number
or	
	open the <b>Dialing Menu</b> to attach a number or insert a special character
or	
<b>STORE</b> (  )	create a phonebook entry with the number in the <b>No.</b> field

## Attaching a Number

While dialing (with digits visible in the display):



Press	To
 > <b>Attach Number</b>	attach a number from the phonebook or recent calls lists







## Calling With Speed Dial

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

**Tip:** To see an entry's speed dial number, press  > **Phonebook**, scroll to the entry, press **VIEW** ().

To speed dial a phonebook entry:

Press	To
1 keypad keys	enter the speed dial number for the entry you want to call
2 	submit the number
3 	call the entry

## Calling With 1-Touch Dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

**Tip:** You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook (see page 100).

## Using Voicemail



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.


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

## Listening to Voicemail Messages

**Find the Feature**  > Messages > VoiceMail

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

## Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the  (voicemail message) indicator and a **New VoiceMail** notification.


Press	To
<b>CALL</b> (  )	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

## Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

**Find the Feature**  > Messages  
 > VoiceMail Setup

Press	To
<b>1</b> keypad keys	enter your voicemail number
<b>2</b> <b>OK</b> (  )	store the number



**Note:** You cannot store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. For more about these characters, see the *More Here* guide.

## Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.

Press	To
1	answer the new call
2 <b>SWITCH</b> ()	switch between calls
or	
<b>LINK</b> ()	connect the 2 calls
or	
> <b>End Call On Hold</b>	end the call on hold

Calling Features




You must turn on call waiting to use the feature. To turn call waiting on or off:

### Find the Feature

> **Settings** > **In-Call Setup**  
> **Call Waiting**

## Putting a Call On Hold

Press	To
<b>HOLD</b> (◁) (if available) or  > <b>Hold</b>	put the call on hold




## Transferring a Call



You can announce that you are transferring an active call to another party, or you can directly transfer the call.

### Announce the Call Transfer


**Find the Feature**  > **Hold**


Press	To
<b>1</b> keypad keys	dial the number where you are transferring the call
<b>2</b> 	call the number and speak to the person who answers
<b>3</b> 	open the menu
<b>4</b> 	scroll to <b>Transfer</b>
<b>5</b> <b>SELECT</b> (◁)	select <b>Transfer</b>
<b>6</b> <b>OK</b> (◁)	confirm the transfer



## ***Do Not Announce the Call Transfer***

**Find the Feature**

 > Transfer

Press	To
1 keypad keys	dial the number where you are transferring the call
2 	transfer the call










Calling Features

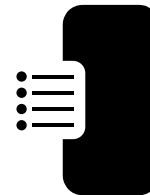


# Phone Features

## Main Menu

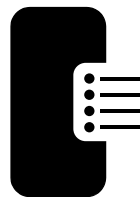
This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available on your phone.

-  **Phonebook**
-  **Recent Calls**
  - Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
  - Call Cost
  - Data Times
  - Data Volumes
-  **Messages**
  - Create Message
  - Email Msgs
  - Message Inbox
  - Voicemail
  - Browser Msgs
  - Quick Notes
  - Outbox
  - Drafts
  - MMS Templates
-  **Office Tools**
  - Calculator
  - Datebook
  - Shortcuts
  - Voice Records
  - Alarm Clock
  - Chat
  - SIM Apps
  - Dialing Services
  - Engineering
-  **Games & Apps**
-  **Web Access**
  - Browser
  - Web Shortcuts
  - Stored Pages
  - History
  - Go To URL
  - Browser Setup
  - Web Sessions
-  **Multimedia**
  - Themes
  - Camera
  - Pictures
  - Sounds
  - MotoMixer
-  **IM**
-  **Settings**  
(see next page)



Phone Features

## Settings Menu



Phone Features



### Personalize

- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



### Ring Styles

- Style
- Style Detail



### Connection

- Sync



### Call Forward

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



### In-Call Setup

- In-Call Timer
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting
- SpeakerPhone



### Initial Setup

- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Vibe Sync
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear



### Phone Status

- My Tel. Numbers
- Battery Meter
- Other Information



### Headset



### Car Settings

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



### Network

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



### Security

- Phone Lock
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords



### Java Settings

- Java App Loader
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App
- DNS IP

## **Push to Talk Menus**

The Push to Talk feature is accessed by pressing the Push to Talk button (☰).

### **PTT Contacts Menu**

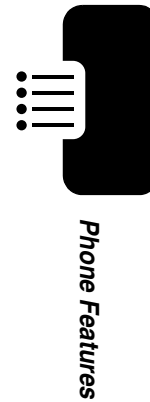
- PTT Contacts
  - View
  - Refresh List
  - Block
  - PTT Groups
  - Frequently Used
  - PTT Setup
- PTT Groups
  - View
  - Set Alert to Online
  - Refresh List
  - Frequently Used
  - PTT Setup

### **PTT Setup**

- GPRS Settings
- Server Settings
- PTT Personalize

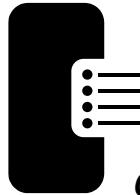
### **PTT Personalize**

- Open To
- Sort by
- My Answer Mode
- PTT Speaker
- Set Online Alert Tone





## Feature Quick Reference














Phone Features

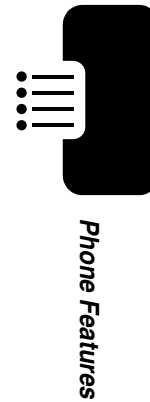
This section helps you locate features on your phone that are not described in this guide. For more detailed information, see the *More Here* guide (described on page 8).

### Calling Features

Feature	Description	
<b>Conference Call</b>	During a call: ☎ > <b>Hold</b> , dial next number, press ☎, press <b>LINK</b> (🔗).	Network / Subscription Dependent Feature
<b>Call Forwarding</b>	Set up or cancel call forwarding: ☎ > <b>Settings</b> > <b>Call Forward</b>	Network / Subscription Dependent Feature
<b>Call Barring</b>	Restrict outgoing or incoming calls: ☎ > <b>Settings</b> > <b>Security</b> > <b>Call Barring</b>	Network / Subscription Dependent Feature
<b>TTY Calls</b>	Set up your phone for use with an optional TTY device: ☎ > <b>Settings</b> > <b>Initial Setup</b> > <b>TTY Setup</b>	Optional Accessory

## Messages

Feature	Description	
<b>Send Text Message</b>	Send a text message:  > <b>Messages</b> > <b>Create Message</b> > <b>New Short Msg</b>	
<b>Send Multimedia Message</b>	Send a multimedia message:  > <b>Messages</b> > <b>Create Message</b> > <b>New Multimedia Msg</b>	
<b>Send Letter</b>	Send a multimedia letter:  > <b>Messages</b> > <b>Create Message</b> > <b>New Letter</b>	
<b>Use MMS Template</b>	Open an MMS template with preloaded media:  > <b>Messages</b> > <b>Create Message</b> > <b>MMS Templates</b>	
<b>Read Message</b>	Read a new text or multimedia message that you have received: Press <b>READ</b> (<img alt="Right arrow icon" data-bbox="493 618 513 633"/>).	
<b>Store Message Objects</b>	Go to a multimedia message slide, or highlight an object in a letter, then:  > <b>Store</b>	






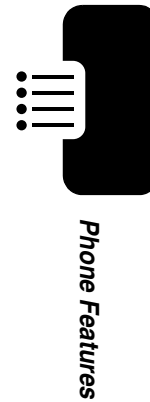


## Instant Messaging

Feature	Description	
<b>Log In</b>	Log in to instant messaging: ☰ > <b>IM</b> > <b>Log In</b>	Network / Subscription Dependent Feature
<b>Find Others Online</b>	After you sign on: Select <b>Contact List</b> to see a list of other users.	Network / Subscription Dependent Feature
<b>Start Conversation</b>	Start a conversation: From your <b>Contact List</b> , highlight a name in <b>Online Contacts</b> , press <b>SEND IM</b> (➡).	Network / Subscription Dependent Feature
<b>Open Active Conversation</b>	Open a conversation in progress: From your <b>Contact List</b> , highlight a name in <b>Conversations</b> , press <b>VIEW</b> (👁).	Network / Subscription Dependent Feature
<b>End Conversation</b>	From the conversation display: ☰ > <b>End Conversation</b>	Network / Subscription Dependent Feature
<b>Log Out</b>	Log out of instant messaging: Select <b>Log Out</b> from the <b>IM Online</b> menu.	Network / Subscription Dependent Feature

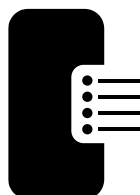
## Chat

Feature	Description	
<b>Start Chat</b>	Start a new chat session: ☰ > <b>Office Tools</b> > <b>Chat</b> > <b>New Chat</b>	
<b>Receive Chat Request</b>	When you receive a chat request: Press <b>ACCEPT</b> (☞) or <b>IGNORE</b> (◀).	
<b>End Chat</b>	During a chat session: ☰ > <b>End Chat</b>	














## Email

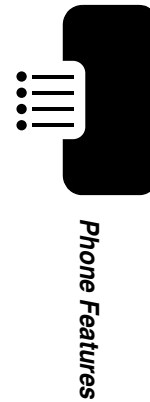
Feature	Description	
<b>Send Email Message</b>	Send an email message: ☰ > <b>Messages</b> > <b>Create Message</b> > <b>New Email</b>	
<b>Read Email Message</b>	Read a new email message that you have received: Press <b>READ</b> (☞).	

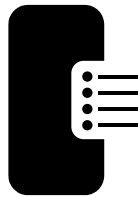


## Phonebook




Feature	Description
<b>Create Entry</b>	Create a new phonebook entry: > <b>Phonebook</b> > <b>New</b> > <b>Phone Number</b> or <b>Email Address</b>
<b>Dial Number</b>	Call a number stored in the phonebook: > <b>Phonebook</b> , highlight the phonebook entry, press  to call
<b>Voice Dial Number</b>	Voice dial a number stored in the phonebook: From the home screen, press and release the voice key, and say the entry's name (within 2 seconds).
<b>Set Ringer ID for Entry</b>	Assign a distinctive ringer alert to a phonebook entry: > <b>Phonebook</b> > <i>entry</i> > <b>Edit</b> > <b>Ringer ID</b> > <i>ringer name</i> <b>Note:</b> The <b>Ringer ID</b> option is not available for entries stored on the SIM card.
<b>Set Picture ID for Entry</b>	Assign a photo or picture to a phonebook entry: > <b>Phonebook</b> > <i>entry</i> > <b>Edit</b> > <b>Picture</b> > <i>picture name</i> <b>Note:</b> The <b>Picture</b> option is not available for entries stored on the SIM card.

Feature	Description
<b>Set Picture ID View</b>	View phonebook entries as text list, or with picture caller ID photos:  > <b>Phonebook</b>  > <b>Setup</b> > <b>View by</b> > <i>list view</i>
<b>Set Category for Entry</b>	Set the category for a phonebook entry:  > <b>Phonebook</b> > <i>entry</i>  > <b>Edit</b> > <b>Category</b> > <i>category name</i> <b>Note:</b> The <b>Category</b> option is not available for entries stored on the SIM card.
<b>Set Category View</b>	Set a phonebook category view:  > <b>Phonebook</b>  > <b>Categories</b> > <i>category view</i>
<b>Set Category Light ID</b>	Set a distinctive light pattern to be displayed when you receive calls from phonebook entries in a specific category:  > <b>Phonebook</b>  > <b>Categories</b> , scroll to category, press  > <b>Edit</b> > <b>Light ID</b> . <b>Note:</b> The <b>Light ID</b> option is not available for entries stored on the SIM card.
<b>Sort Phonebook List</b>	Set the order in which phonebook entries are listed:  > <b>Phonebook</b>  > <b>Setup</b> > <b>Sort by</b> > <i>sort order</i>















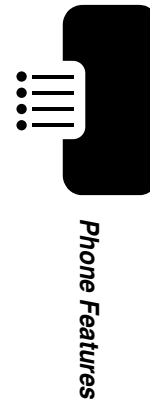
## Phone Features

Feature	Description
<b>Set Primary Number</b>	Set the primary number for a phonebook entry with multiple numbers:  > <b>Phonebook</b> , scroll to entry, press  > <b>Set Primary</b> > <i>phone number</i> .
<b>1-Touch Dial</b>	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:  > <b>Settings</b> > <b>Initial Setup</b> > <b>1-Touch Dial</b>

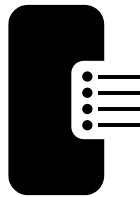
## Personalizing Features

Feature	Description
<b>Ring Style</b>	Change the ring alert for an event:  > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <i>event name</i>
<b>Ringer IDs</b>	Activate distinctive ring alerts assigned to phonebook entries:  > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Ringer IDs</b>
<b>Ring Volume</b>	Set ringer volume:  > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Ring Volume</b>
<b>Keypad Volume</b>	Set keypad keypress volume:  > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Key Volume</b>

Feature	Description
<b>Reminders</b>	Set reminder alerts for messages that you receive:  > <b>Settings</b> > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Reminders</b>
<b>Clock View</b>	Display an analog clock or digital time readout in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Clock</b>
<b>Menu View</b>	Display the main menu as graphic icons or as a text-based list:  > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>View</b>
<b>Main Menu</b>	Reorder your phone's main menu:  > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>Reorder</b>
<b>Show or Hide Menu Icons</b>	Show or hide menu feature icons in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Home Keys</b> > <b>Icons</b>
<b>Change Soft Keys &amp; Menu Icons</b>	Change soft key labels and menu feature icons in the home screen:  > <b>Settings</b> > <b>Personalize</b> > <b>Home Screen</b> > <b>Home Keys</b>



















Phone Features

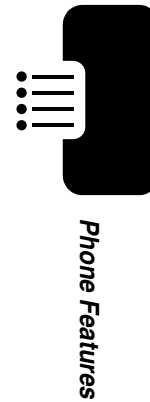
Feature	Description
<b>Shortcuts</b>	<p>Create a shortcut to a menu item: Highlight the menu item, then press and hold .</p> <p>Select a shortcut:  &gt; <b>Office Tools</b> &gt; <b>Shortcuts</b> &gt; <i>shortcut name</i></p>

### Menu Features


Feature	Description
<b>Language</b>	<p>Set menu language:  &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Language</b></p>
<b>Master Reset</b>	<p>Reset all options <i>except</i> unlock code, security code, and lifetime timer:  &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Master Reset</b></p>
<b>Master Clear</b>	<p>Reset all options <i>except</i> unlock code, security code, and lifetime timer, and clear all user settings and entries <i>except</i> SIM card information:  &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>Master Clear</b></p>

## Dialing Features





Feature	Description
<b>Fixed Dial</b>	<p>Turn fixed dialing on or off:   &gt; <b>Settings</b> &gt; <b>Security</b>            &gt; <b>Fixed Dial</b></p> <p>Use the fixed dial list:   &gt; <b>Office Tools</b> &gt; <b>Dialing Services</b>            &gt; <b>Fixed Dial</b></p> 
<b>Service Dial</b>	<p>Dial service phone numbers:   &gt; <b>Office Tools</b>            &gt; <b>Dialing Services</b> &gt; <b>Service Dial</b></p> 
<b>Quick Dial</b>	<p>Dial preprogrammed phone numbers:   &gt; <b>Office Tools</b>            &gt; <b>Dialing Services</b> &gt; <b>Quick Dial</b></p> 
<b>DTMF Tones</b>	<p>Activate DTMF tones:   &gt; <b>Settings</b> &gt; <b>Initial Setup</b> &gt; <b>DTMF</b></p> <p>Send DTMF tones during a call:            Press number keys.</p> <p>Send stored numbers as DTMF tones during a call:            Highlight a number in the phonebook or recent calls lists, then press   &gt; <b>Send Tones.</b></p>



## Call Monitoring

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

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

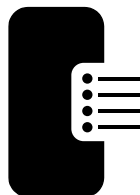
Feature	Description
Call Times	View call timers:  > <b>Recent Calls</b> > <b>Call Times</b> 
In-Call Timer	Display time or cost information during a call:  > <b>Settings</b> > <b>In-Call Setup</b> > <b>In-Call Timer</b> 

## Handsfree Features


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






Feature	Description	
<b>Speaker-phone</b>	Activate a connected external speakerphone during a call: Press <b>SPEAKER</b> (🔊) (if available) or (▶).	
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ☰ > <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b>	
<b>Voice Dial</b> (headset)	Enable voice dial with headset send/end key: ☰ > <b>Settings</b> > <b>Headset</b> > <b>Voice Dial</b>	
<b>Auto Handsfree</b> (car kit)	Automatically route calls to a car kit when connected: ☰ > <b>Settings</b> > <b>Car Settings</b> > <b>Auto Handsfree</b>	
<b>Power-Off Delay</b> (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: ☰ > <b>Settings</b> > <b>Car Settings</b> > <b>Power-Off Delay</b>	




**Phone Features**

Feature	Description	
<b>Charger Time</b> (car kit)	Charge the phone for a specified time after the ignition is switched off: ☰ > <b>Settings</b> > <b>Car Settings</b> > <b>Charger Time</b>	 Optional Accessory











**Data and Fax Calls**

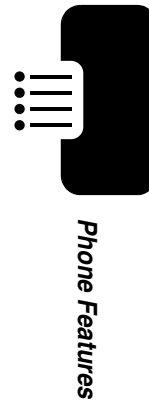
Feature	Description	
<b>Send Data or Fax</b>	Connect your phone to the device, then place the call through the device application.	 Optional Accessory
<b>Receive Data or Fax</b>	Connect your phone to the device, then answer the call through the device application.	 Optional Accessory
<b>Talk Then Fax</b>	Connect your phone to the device, enter the number, press ☰ > <b>Dialing Menu</b> > <b>Talk Then Fax</b> , then press ☒ to make the call.	 Optional Accessory

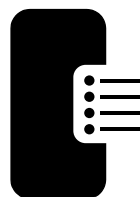
**Network Features**

Feature	Description	
<b>Network Settings</b>	View network information and adjust network settings: ☰ > <b>Settings</b> > <b>Network</b>	 Network / Subscription Dependent Feature

## Personal Organizer Features

Feature	Description
<b>Create Datebook Event</b>	Create a new datebook event:  > <b>Office Tools</b> > <b>Datebook</b> , highlight the day, press the center select button, press  > <b>New</b>
<b>View Datebook Event</b>	View or edit event details:  > <b>Office Tools</b> > <b>Datebook</b> , highlight the day, press the center select button, press <b>VIEW</b> (  )
<b>Event Reminder</b>	View event reminder: <b>VIEW</b> (  ) Dismiss event reminder: <b>EXIT</b> (  )
<b>Set Alarm</b>	Set an alarm:  > <b>Office Tools</b> > <b>Alarm Clock</b>
<b>Turn Off Alarm</b>	Turn off alarm: Press <b>DISABLE</b> (  ) or  . Set 8-minute delay: Press <b>SNOOZE</b> (  )
<b>Create Voice Record</b>	To create a voice record: Press and hold voice key, speak into the phone, release voice key. <b>Note:</b> Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.


















### Phone Features

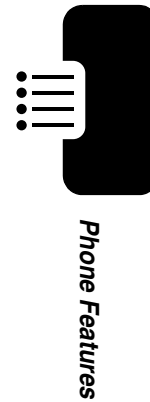
Feature	Description
<b>Play Voice Record</b>	Play back a voice record: ☰ > <b>Office Tools</b> > <b>Voice Records</b> > <i>voice record</i>
<b>Calculator</b>	Calculate numbers: ☰ > <b>Office Tools</b> > <b>Calculator</b>
<b>Currency Converter</b>	Convert currency: ☰ > <b>Office Tools</b> > <b>Calculator</b> ☰ > <b>Exchange Rate</b> Enter exchange rate, press <b>OK</b> (↵), enter amount, press ☰ > <b>Convert Currency</b>

### Security

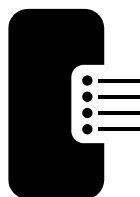
Feature	Description
<b>SIM PIN</b>	Lock or unlock the SIM card: ☰ > <b>Settings</b> > <b>Security</b> > <b>SIM PIN</b>  <b>Caution:</b> If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays <b>SIM Blocked</b> .
<b>Lock Application</b>	Lock phone applications: ☰ > <b>Settings</b> > <b>Security</b> > <b>Lock Application</b>

## News and Entertainment













Feature	Description
<b>Launch Micro-Browser</b>	Start a micro-browser session:  > <b>Web Access</b> > <b>Browser</b> 
<b>Download Objects from Web Page</b>	Download a picture, sound, or phone theme from a Web page: Highlight the file, press <b>SELECT</b> (  ) , press <b>STORE</b> (  ). 
<b>Web Sessions</b>	Select or create a Web session:  > <b>Web Access</b> > <b>Web Sessions</b> 
<b>Apply Phone Theme</b>	Apply a grouped set of image and sound files to your phone:  > <b>Multimedia</b> > <b>Themes</b> > <i>theme</i> 
<b>Download Game or Application (Micro-Browser)</b>	Download a Java™ game or application with the micro-browser:  > <b>Web Access</b> > <b>Browser</b> , highlight the application, press <b>SELECT</b> (  ) , press <b>DOWNLOAD</b> (  ) 







**Phone Features**

Feature	Description
<b>Download Game or Application (Computer)</b>	Download a Java game or application from a computer: Connect your phone to the computer, press  > <b>Settings</b> > <b>Java Settings</b> > <b>Java App Loader</b> . 
<b>Launch Game or Application</b>	Launch a Java game or application:  > <b>Games &amp; Apps</b> , highlight the application, press <b>SELECT</b> (  ) 
<b>Manage Pictures</b>	Manage pictures and animations:  > <b>Multimedia</b> > <b>Pictures</b> 
<b>Manage Sounds</b>	Manage ring tones and music that you have composed or downloaded:  > <b>Multimedia</b> > <b>Sounds</b>
<b>Edit Sounds With MotoMixer</b>	Edit MIDI-based songs that you can use with your phone:  > <b>Multimedia</b> > <b>MotoMixer</b> > <b>[New Mix]</b> or <i>mix file name</i>
<b>Create Ring Tones</b>	Create iMelody ring tones that you can use with your phone:  > <b>Multimedia</b> > <b>Sounds</b> > <b>[New iMelody]</b>
<b>Camera</b>	Adjust light level and other settings for the integrated camera:  > <b>Multimedia</b> > <b>Camera</b>  > <b>Pictures Setup</b>

## ***Specific Absorption Rate Data***

---

**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 1.49 W/kg, and when worn on the body, as described in this user guide, is 0.43 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.79 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.

# **Index**

---

## **A**

- accessories 9, 94
- accessory connector port 1
- activating 105
- active line indicator 25, 27
- active line, changing 79
- alarm clock 107
- alert
  - creating 110
  - defined 73
  - downloading 3
  - setting 15, 73, 100
  - turning off 15, 81
- alert calls
  - answering 70
  - making from PTT
    - contacts list 67
  - making from recent calls
    - list 68
  - push to talk calls 67
- alert tones
  - push to talk calls 62
- animation
  - downloading 3, 95, 109
  - screen saver 77
  - viewing 110
  - wallpaper 76

- answering a call 16, 74
- application, locking and
  - unlocking 108
- automatic redial 80

## **B**

- backlight 78
- barge calls
  - answering 69
  - making 65
  - push to talk 65
- barring calls 94
- battery
  - battery performance 10
  - charging 13
  - extending battery life 78
  - installing 12
  - level indicator 25, 28
- brightness, setting 78
- browser. *See* micro-browser
- buttons
  - center select button 28
  - push to talk 1, 43
  - speakerphone 1

## C

- calculator 108
  - currency converter 108
- call
  - adding digits after phone number 84
  - alert, turning off 15, 81
  - answer options 74
  - answering 16
  - barring 94
  - barring password, changing 44
  - call waiting 88
  - deleting 82
  - dialed calls list 82
  - dialing 15
  - emergency number 81
  - ending 15, 16
  - forwarding 94
  - hold 89
  - internal speakerphone 43
  - international access code 82
  - making 15
  - received calls list 82
  - receiving 16
  - recent calls 82
  - ring style 15, 73, 100
  - speakerphone 105
  - storing 82
  - talk then fax 84
  - timers 104
  - transferring 89
  - unanswered call, returning 84
- Call Failed, Number Busy message 80
- call waiting 88
- caller ID 3, 18, 48, 80, 83, 98, 99
- calling line identification. *See* caller ID
- camera
  - settings 110
  - taking a photo 2, 17
- car charger 106
- car kit 105
- center select button 28
- character chart 37
- charger time 106
- chat 97
- clock
  - illustration 24
  - selecting analog or digital 101
  - setting 72
- codes
  - changing 44
  - default 44, 45, 46
  - forgetting 46
- color, setting 78
- conference call 94

cursor 32  
customizing the menu 101

## D

data call 106  
date, setting 72  
datebook  
    create event 107  
    event reminder 107  
    view event 107  
deleting a call 82  
diald calls list 82  
dialing a number 15, 103  
display  
    backlight 78  
    brightness 78  
    color 78  
    description 24  
    home screen 24  
    language 102  
    personalizing 101  
    timeout 78  
distinctive ringer alert 100  
DTMF tones  
    activating 103  
    sending 83, 84, 103

## E

earpiece volume 15  
email 97

reminders, turning on/off  
    101

emergency number 81  
end key 1, 15, 16, 29  
ending a call 15, 16  
Enter Unlock Code  
    message 45, 46

## F

fax call 84, 106  
5-way navigation key 1, 28,  
    29  
fixed dial 103  
flashing cursor 32  
flip  
    open to answer 16, 74  
    screen saver 77  
forwarding calls 94

## G

games 109, 110  
GPRS indicator 25, 26  
groove tunes 110

## H

handsfree 105  
handsfree use 105  
headset accessory, using  
    105  
headset jack 1  
Hide ID feature 83

- hold a call 89
- home keys, personalizing 101
- home screen
  - defined 24
  - selecting clock view 101

**I**

- icons and text
  - push to talk calls 63
- IM 96
- in use indicator 25
- incoming call
  - answering 16
  - forwarding 94
- Incoming Call message 80
- indicators
  - active line 25, 27
  - battery level 25, 28
  - GPRS 25, 26
  - in use 25
  - Java midlet 27
  - loud ring style 28
  - menu 24
  - message 25, 27
  - message waiting 22
  - messaging presence 25, 27
  - missed call 84
  - push to talk 25, 27
  - ring style 25, 28
  - roam 25, 26
  - signal strength 25, 26
  - silent alert 28
  - soft ring style 28
  - text case 34
  - text entry method 27, 34
  - transmission 26
  - vibrate alert 28
  - vibrate and ring style 28
  - voicemail message 27, 87
- instant messaging. *See* IM
- internal speakerphone 43
- international access code 82
- iTAP software 38

**J**

- Java applications 109, 110
- Java midlet indicator 27
- joystick 1, 29

**K**

- key
  - end 1, 15, 16, 29
  - 5-way navigation 1, 28, 29
  - left soft key 1, 25, 29, 101
  - menu 1, 29, 30
  - power 1, 14

- right soft key 1, 25, 29, 101
- send 1, 15, 16, 82
- voice 1
- volume control 1, 15
- keypad
  - answering calls 74
  - volume, setting 100
- L**
- language, setting 102
- left soft key
  - functions 1, 25, 29
  - personalizing 101
- light ID, setting 99
- line, changing 79
- lock
  - application 108
  - phone 44
  - SIM card 108
- Low Battery message 28
- M**
- making a call 15
- master clear 102
- master reset 102
- menu
  - entering text 32
  - icons, changing in home screen 101
  - icons, converting to text 101
  - icons, described 24
  - icons, showing or hiding 101
  - language, setting 102
  - lists 31
  - navigating 29
  - personalizing 101
  - rearranging features 101
  - using features 31
  - view, changing 101
- menu indicator 24
- menu key 1, 29, 30
- message
  - chat 97
  - menu feature icon 24
  - MMS template 95
  - MMS, defined 19
  - multimedia letter 95
  - multimedia message 95
  - reading 95
  - reminders, turning on/off 101
  - text 95
- message indicator 25, 27
- message waiting indicator 22
- messages menu feature icon 24
- messaging indicator 25



- messaging presence
  - indicator 27
- micro-browser
  - browser setup 109
  - Java applications 109, 110
  - menu feature icon 24
  - using 109
  - Web sessions 109
- missed call indicator 84
- Missed Calls message 84
- MMS template 95
- MMS. *See* message
- More Here* guide 8
- MotoMixer 110
- multimedia letter, sending 95
- multimedia message
  - reading 3
  - receiving 3, 22
  - sending 3, 19, 95
- multimedia messaging
  - service. *See* message
- music
  - downloading 95, 109
  - managing 110
- my telephone number 16, 72

## N

- network settings 106
- notepad 85
- number
  - storing your number 72
  - viewing your number 16
- numbers, entering 40

## O

- 1-touch dial
  - setting preference 100
  - using 86
- open to answer 74
- optional accessory, defined 9
- optional feature, defined 9

## P

- passwords. *See* codes
- phone
  - active line indicator 27
  - active line, changing 79
  - alert, turning off 15, 81
  - answer options 74
  - clear stored information 102
  - codes 44
  - date, setting 72
  - flip 16
  - keypad, answering calls 74

- language, setting 102
- locking 44
- network settings 106
- reset all options 102
- ring style 15, 73, 100
- security code 44
- time, setting 72
- turning on/off 14
- unlock code 44
- unlocking 14, 44, 45, 46
- phone number
  - active line indicator 27
  - active line, changing 79
  - adding digits after 84
  - attaching 2 numbers 84, 85
  - international access code 82
  - redialing 79
  - storing in phonebook 98
  - storing your number 72
  - viewing your number 16
- phone theme 3, 109
- phonebook
  - attaching 2 numbers 84, 85
  - category views 48, 99
  - dialing a number 98
  - entry category 99
  - light ID 99
  - menu feature icon 24
  - 1-touch dial 86
  - picture ID 3, 18, 48, 80, 98, 99
  - primary number, setting 100
  - ringer ID 98, 100
  - sorting entries 48, 99
  - speed dial number 86
  - storing an entry 98
  - voice dialing 98
- photo
  - downloading 3, 95, 109
  - picture ID 3, 18, 48, 80, 98, 99
  - sending 2, 17
  - taking 2, 17
- picture
  - downloading 3, 95, 109
  - screen saver 77
  - viewing 110
  - wallpaper 76
- picture ID 3, 18, 48, 80, 98, 99
- PIN code
  - changing 44
  - entering 108
- PIN2 code, changing 44
- play back 108
- power key 1, 14
- predictive text entry 38
- primary text entry method 33

- PTT contacts list
  - refreshing 59
  - sorting 53, 54
  - viewing details 51
- PTT group lists
  - sorting 53, 54
- PTT groups list
  - viewing details 51
- PTT groups lists 59
- push to talk button 43
  - illustration 1
- push to talk calls 49–71
  - alert calls 67
  - alert tones 62
  - answer mode, setting 55
  - answering 69
  - answering a barge call 69
  - answering an alert call 70
  - answering from external display 71
  - barge calls 65
  - basic instructions 64
  - cancel incoming 71
  - frequently used list 61
  - group calls 49
  - icons and text 63
  - individual contact 49
  - internal speakerphone, using 43
  - making 65
  - making from external display 70
  - missed alert calls 71
  - online alerts, setting 58
  - presence icons 52
  - push to talk contacts and groups list
    - setting up 49
    - viewing 50
  - push to talk indicator 25, 27
  - push to talk number
    - viewing your number 16
  - push to text indicator 25

**Q**

- quick dial 103

**R**

- received calls list 82
- recent calls 82
- recent calls menu feature icon 24
- redial
  - automatic redial 80
  - busy number 79
- reference guide 8
- refreshing 59
- reminders
  - turning on/off 101
- right soft key
  - functions 1, 25, 29
  - personalizing 101
- ring style indicators 25, 28

- ring style, setting 15, 73, 100
- ring tone
  - creating 110
  - downloading 3, 95, 109
  - editing with MotoMixer 110
  - managing 110
- ringer ID
  - setting 98
  - turning on/off 100
- ringer volume, setting 15, 100
- roam indicator 25, 26

**S**

- screen saver 77
- secondary text entry
  - method 33
- security code
  - changing 44
  - default 44
  - forgetting 46
- send key 1, 15, 16, 82
- service dial 103
- shortcuts 102
- Show ID feature 83
- signal strength indicator 25, 26
- silent alert indicator 28
- silent alert, setting 15, 73, 100
- SIM Blocked message 14, 108
- SIM card
  - defined 9
  - installing 9
  - locking 108
  - PIN code entry 14
  - PIN code, changing 44
  - PIN2 code, changing 44
  - precautions 10
  - SIM Blocked message 14, 108
  - SIM PIN code
    - changing 44
    - entering 108
  - SIM PIN2 code, changing 44
- soft keys
  - functions 25, 29
  - illustration 1
  - labels 24
  - personalizing 101
- song
  - downloading 95, 109
  - managing 110
- sound
  - downloading 3, 95, 109
  - managing 110

speakerphone  
     automatic answer 105  
     connected 105  
     during phone calls 75  
     turn on or off during  
         phone calls 75  
     turn on/off 75  
     using during push to talk  
         call when off 57  
 speakerphone button 1  
 speed dial 86  
 standby time, increasing 78  
 storing a call 82  
 symbol chart 42  
 symbols, entering 41

**T**

talk then fax call 84  
 tap method text entry 35  
 telephone number  
     storing your number 72  
     viewing your number 16  
 text  
     capitalization, changing  
         34  
     character chart 37  
     entering 32  
     entry method, selecting  
         33  
     entry method, setup 33  
     flashing cursor 32

iTAP software predictive  
     text entry 38  
     numeric method 40  
     symbol chart 42  
     symbol method 41  
     tap method 35  
 text case indicator 34  
 text entry method  
     selecting 33  
     setup 33  
 text entry method indicator  
     27, 34  
 theme 3, 109  
 time, setting 72  
 timers 104  
 transfer a call 89  
 transmission indicator 26  
 TTY device 94

**U**

unlock  
     application 108  
     phone 44  
 unlock code  
     bypassing 46  
     changing 44  
     default 44, 45, 46  
     entering 14, 45  
     forgetting 46

## **V**

- vibrate alert
  - setting 15, 73, 100
  - turning off 15, 81
- video clip
  - downloading 95, 109
- vObject, defined 23
- voice dial 98, 105
- voice key
  - dialing a number 98
  - illustration 1
- voice records 108
  - create 107
- voicemail 86
- voicemail message indicator
  - 27, 87
- volume
  - earpiece 15
  - keypad 100
  - ringer 15, 100
- volume keys 1, 15

## **W**

- wallpaper 76
- warranty 125
- Web pages 109
- Web sessions 109

DRAFT

## ***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***

<b>Products Covered</b>	<b>Length of Coverage</b>
<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.



Products Covered	Length of Coverage
<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**

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

#### **Exclusions**

**Software Embodied in Physical Media.** No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

**Software NOT Embodied in Physical Media.** Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

#### **Who is Covered?**

This warranty extends only to the first consumer purchaser, and is not transferable.

### ***What Will Motorola Do?***

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

### ***How to Obtain Warranty Service or Other Information***

<b>USA</b>	<b>Phones</b> 1-800-331-6456 <b>Pagers</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices</b> 1-800-353-2729
<b>Canada</b>	<b>All Products</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , please call the telephone number designated above for the product with which they are used.	

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

### ***What Other Limitations Are There?***

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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

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

DRAFT



**motorola.com**