



# *MOTOMANUAL*

V170  
GSM

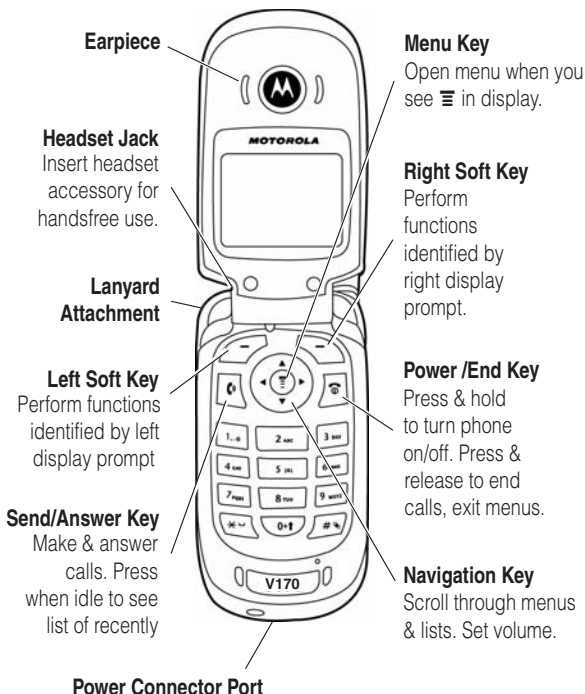
[motorola.com](http://motorola.com)



# Welcome

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Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V170 wireless phone.



**Note:** Your phone may not appear exactly as the phone image above. However, all key locations, sequences, and functions remain the same.

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

Manual number: 6809501A10-A

# Menu Map

## Main Menu


- Messages
- Phonebook
- Recent Calls
- MyMenu
- Ring Style
- Alarm Clock
- Settings
- More
- Quick Dial
- Games
- Chat


### Note:


The Main Menu above represents the standard phone menu layout. You or your service provider may have changed the order of the menu layout or changed the feature names.

Not all features may be available for all users.

### Shortcut

In idle, press  up or down to access phonebook, right or left to adjust volume.

Go to dialed calls:  
press .

Exit the menu system:  
press .

# Settings Menu

- **Call Forward \***
  - Voice Calls
  - Cancel All
- **Phone Status**
  - My Numbers \*
  - Active Line \*
- **In Call Setup**
  - In-Call Timer
  - Call Cost Setup \*
  - My Caller ID
  - Answer Options
  - Call Waiting
- **Security**
  - Phone Lock
  - Fixed Dial
  - Call Barring \*
  - SIM PIN
  - New Passwords
- **Other Settings\***
  - Personalize
    - Main Menu
    - Keys
    - Greeting \*
    - Banner
    - Screen Saver
    - Quick Dial \*
    - Wallpaper
    - Color Setting
  - Initial Setup
    - Time and Date
    - Power On/Off<sup>+</sup>
    - 1-Touch Dial
    - Backlight
    - Scroll
    - Main menu animation
    - Language
    - Display Timeout
    - Contrast
    - DTMF
    - Master Reset
    - Master Clear
  - Network
    - New Network
    - Network Setup
    - Avail. Networks
    - Service Tone
    - Call Drop Tone
    - Band Selection\*
  - Headset
    - Auto Answer

\*Optional Network, SIM card, or subscription-dependent features.

+This function allows you to have your phone automatically turned on and off at specified times, helping you save battery life.



Be sure to turn off the power on/off feature when traveling on an airplane or in other situations where the use of the mobile phone is prohibited.

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# Use and Care

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



## **liquids of any kind**

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.



## **extreme heat or cold**

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



## **microwaves**

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



## **dust and dirt**

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



## **cleaning solutions**

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



## **the ground**

Don't drop your phone.



# 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 Manual

### Optional Features



Features marked with this label are optional network, SIM card, and/or subscription-dependent features. All service providers in all geographical areas may not offer these features.

Contact your service provider for information about availability.

### Optional Accessories

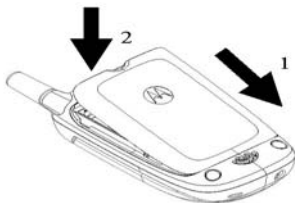


Features marked with this label require the use of an optional Motorola Original accessory.

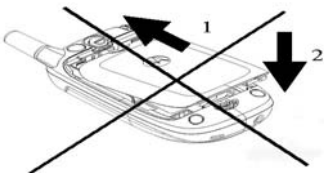
## Attaching the Battery Door



To close the battery door, slide the door in and push it down to lock it.

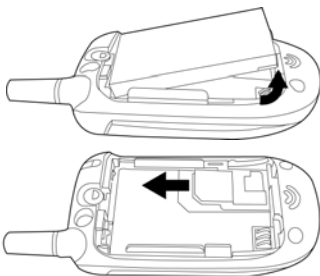


Do not close the battery door as shown below. Otherwise, you may break it.



## Changing Your SIM Card and Battery

Your SIM (*Subscriber Identity Module*) card contains your phone number, service details and phonebook/message memory. Install it in your phone by placing it in the SIM card slot located on the back of your phone beneath the replaceable battery.



# Battery Tips

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

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





Contact your local recycling center for proper battery disposal.


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

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

## Turning On/Off Your Phone






To turn on/off your phone, press and hold the Power/End key . If necessary, enter your SIM card PIN code and press .

**Note:** If you enter an incorrect code 3 times, your SIM card is disabled and the phone displays **SIM Blocked**. If necessary, enter your 4-digit code and press  to unlock your phone. The default unlock code is set to 1234.

**Note:** To automatically turn the phone on or off, see “Powering Off in Standby or Automatically Turn Off” on page 24.

## Making and Answering Calls

**To make a call**, enter the number with the keypad keys, then press  to make the call. (Press **DELETE** () to erase the last digit. Press and hold **DELETE** () to erase all digits.)


To make a call from the phonebook, see page 47.

**To answer a call**, press .

You can also apply the **Multi-Key** answer function.


### Find the Feature


-  > **Settings** > **In Call Setup**
- > **Answer Options**
- > **Multi-Key On**

Press  to end a call.



## ***Adjusting the Volume***

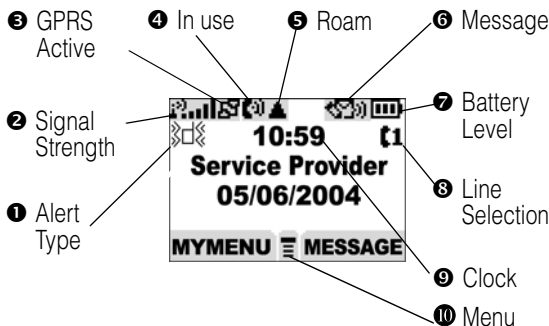
When you are in a call, you can adjust the earpiece speaker volume by pressing  right or left.

When the phone display is in idle, press  right or left to adjust the ring volume. Increase/decrease the volume by pressing to the right/left.



# Learning to Use Your Phone

## Symbols on the Screen



**1 Alert Type** Shows the current selected alert profile. The default alert setting is loud ring.

**2 Signal Strength** Shows the strength of your phone's connection with the network.

**3 GPRS Active** Indicates that your phone is using a high-speed GPRS network connection. GPRS allows faster data transfer speeds. The indicator does not mean that you are in a call, only that you are registered on the network via a GPRS connection.

**4 In use** Indicates when a call is in progress and when you have a secure or insecure connection.


- 5 Roam** Appears when your phone uses another network system outside your home network.
- 6 Message** Appears when you have a new voice or text message waiting. An icon here can also indicate your text entry mode, alphabet, numeric, symbol and etc.
- 7 Battery Level** Shows the amount of charge left in your battery. The more bars visible, the greater the charge.
- 8 Line Selection** Displays the current phone line you are using, depending on the service provider.
- 9 Clock** Displays the real time (see page 21).
- 10 Menu** Indicates that you can press the menu key to open the system menu.





## ***Using the Menu***


### ***Navigating to a Feature***

Use these keys to move through your phone's menu system:

 Apply the function identified by the right display prompt.

 Apply the function identified by the left display prompt.

 Make and answer calls, and view recent dialed calls.


 Press and hold to turn on/off the phone. Press and release to end calls and exit menus.

 Scroll through menus/lists, and set feature values.



The following demonstrates how to select a feature and enter information:

### **Find the Feature**

 > **Recent Calls** > **Dialed Calls**

Press , scroll to **Recent Calls**, then select it to see the information of the last call.

## **Selecting a Feature**


Scroll through numeric items. Press **VIEW/SELECT** () to see the details of a highlighted item. Press  again to enter the sub-menu.


Press **BACK/EXIT** () to return to a previous screen.


## **Entering Feature Information**

Features such as **Phonebook** and **Greeting** require you to enter detailed information.

Enter numbers or text with the keypad.

Press **CANCEL** () to exit the menu without making changes.


**Note:** **OK** () appears when you enter information. Press it to save the information.


Press **CHANGE** () to edit a selected item. Also, you can scroll through numeric items.

## **Entering Text**

The default Tap Method makes it easy for you to enter names, numbers and text messages on your phone. You











can enter all characters (letters, numbers, and symbols) using the standard Tap method.

**To enter text with the Tap method**, press a number key 1 or more times to cycle through characters. Release the key to enter the displayed character. Press **OK/SEND** () when you are finish editing.

To cycle through iTAP®, Tap and Numeric modes, press  to enter **Entry Method**, then scroll to the entry mode you would like to apply.

## Character Chart



Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the Tap Method text mode. Press the same key repeatedly to cycle through available characters.

	. 1 ? ! , @ _ & ~ : ; " - ( ) ' ` i % £ \$ ¥ ¤ €
	A B C 2
	D E F 3
	G H I 4
	J K L 5
	M N O 6
	P Q R S 7
	T U V 8
	W X Y Z 9
	+ - 0 x * / \ [ ] = > < # §





**Note:** The Tap sequence could be different in different language Tap input method.

## Capitalization

Press	To
 (up/down)	change the words to initial character capitalized, all uppercase characters
or	
	add a space

## Delete Letters and Words

Action
Press <b>DELETE</b> (  ) to delete 1 letter at a time.
Press and hold <b>DELETE</b> (  ) to delete the entire message.

**Note:** Sizes of characters may vary from 1 language to another.

## Folding Back the Phone

Whenever you fold back your cell phone, all ongoing operations will be canceled and the screen displays the original entrance screen content.

# Setting Up Your Phone

---

## Setting the Time and Date

**Find the Feature**

 > Settings > Other Settings  
> Initial Setup > Time and Date

## Changing Personal Greetings

**Find the Feature**

 > Settings > Other Settings  
> Personalize > Greeting

## Choosing Alert and Ring Tones

Your phone rings and/or vibrates to notify you of an incoming call, message, or other event. This ring and/or vibration is called an *alert*. You can select 1 of 6 different alert profiles: **Loud Ring**, **Soft Ring**, **Vibrate**, **Vibrate & Ring**, **Vibrate then Ring**, and **Silent**.

Each alert profile contains settings for ringer and keypad volume. It also includes alert tone settings for different events (incoming calls, text messages, voicemail and messages). You can change the setting in each profile.

To choose an alert profile:

**Find the Feature**

 > Ring Styles > Ring Type  
> *desired profile*



To assign alert profiles to specific events:

### **Find the Feature**

- ☰ > **Ring Styles** > **Tone Details**
- > *desired event*
- > *alert for event*

## **Setting Backlight**

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup** > **Backlight**
- > *desired time span*

## **Setting Contrast**

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup** > **Contrast**
- > *desired amount*

## **Setting Display Scrolling**

To set the cursor to stop or to wrap around when it reaches the top or end of a list:

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup** > **Scroll**
- > *desired scroll*

## **Setting Main Menu Animation**

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup**
- > **Main menu animation**
- > *desired mode*





# Setting Display Timeout

To conserve the phone's power:

## Find the Feature

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup**
- > **Display Timeout**
- > *desired mode*

**Note:** The screen saver does not come on if **Display Timeout** is set to **ON**.

# Resetting All Options

To restore all options to factory default values, except unlock code, security code, and lifetime timer:

## Find the Feature

- ☰ > **Settings** > **Other Settings**
- > **Initial Setup** > **Master Reset**

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

# Clearing All Information

To reset all options to their factory settings and clear all user entries (such as downloaded wallpapers, main menu animation, and sounds):

**Warning:** This option erases all user-entered information, including phonebook entries and downloaded files. Once you erase the information, it cannot be recovered. It resets



all options back to their factory settings except for the unlock code, security code, and lifetime timer.

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**  
> **Initial Setup** > **Master Clear**

To clear all information, you need to enter the **Security Code** (000000).

## **Setting Up Your Phone for Optional Handsfree Use**

Handsfree operation makes it possible for you to make and receive calls without using your hands.

**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.

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**  
> **Headset** > **Auto Answer**  
> *desired mode*

## **Powering Off in Standby or Automatically Turn Off**

### **Find the Feature**

- ☰ > **Settings** > **Other Settings**  
> **Initial Setup** > **Power On/Off**



# Calling Features







## Displaying Your Phone Number

You must enter your phone number before you can display it.

From the idle display:

### Find the Feature

 > **Settings** > **Phone Status**  
> **My numbers**



Press	To
1 <b>View</b> (  )	see the entry details
2 <b>CHANGE</b> (  )	change <b>NAME, No., or Speed No.</b>
or	
<b>DELETE</b> (  )	exit the screen
3 <b>Ok</b> (  )	confirm the change
or	
<b>DELETE</b> (  )	cancel the change
4 <b>DELETE</b> (  )	confirm the change

**Note:** Your phone number must be programmed on your SIM card in order to use this feature.



## Redialing a Number



You can redial a previously dialed phone number, whether the call connected or was busy. From the idle display:

Press	To
1 	go directly to the dialed calls list
2 	redial the highlighted number

or

### Find the Feature

 > **Recent Calls** > **Received Calls, Dialed Calls, or NotePad**

Press	To
1 	scroll to the entry you want to call
2 	redial the highlighted number

## Using My Caller ID





The calling line identification (Caller ID) feature lets you see who is calling before you answer. If the caller's name is stored in your **Phonebook**, the phone automatically displays the name. Otherwise, the phone displays the caller's phone number.

If Caller ID information is not available, your phone displays **Incoming Call Unknown**.

# Terminating an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or <b>IGNORE</b> (  )	cancel the incoming call




Depending on your phone settings and the type of subscription you have, the call may be forwarded to another number or go directly to voicemail, or the caller may hear a busy signal.

## Dialing an Emergency Number

Your service provider programs 1 or more emergency phone numbers (such as 112 or 911) 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.

To call the emergency number at any time:


Press	To
<b>1</b> keypad keys	dial the emergency number (such as 112)
<b>2</b> 	call the emergency number



# Dialing International Numbers



To dial the local international access code:

## Action

Press  for 2 seconds to insert the international access code +, then enter in the country code for the country that you would like to connect to (for example, +44 for the U.K., +33 for France), then enter the rest of the phone number.

## Inserting Special Characters into Dialing Sequences

You can insert special characters into a phone number.


While dialing (with digits visible in the display), press and hold  to display a **p**. Continue to press and hold  to display a **w**.

Option	Description
Insert Pause (insert a <b>p</b> )	Your phone waits until the call connects before it dials the next digit(s) in the series.
Insert Wait (insert a <b>w</b> )	Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).









# Viewing Received, Dialed, or Missed Calls

Your phone keeps lists of the numbers from calls you recently received, dialed, and missed, even if the calls did not connect. The lists are sorted from the newest to oldest entries. The oldest entries are deleted as new ones are added. Each entry tells you the person's number (or name, if available) and whether or not the call connected. You can call, store, or delete the numbers on these lists.

**Shortcut:** Press  to go directly to the dialed calls list from the idle display.

## Find the Feature




 > Recent Calls

Press	To
1 	scroll to <b>Received Calls</b> , or <b>Dialed Calls</b>
2 <b>SELECT</b> (  )	select <b>Received Calls</b> or <b>Dialed Calls</b>
3 	scroll to an entry you want to call, store, or delete
4  or <b>View</b> (  ) or <b>Back</b> (  )	call the entry's number  see the entry's details  go back to the last menu list.



## Returning a Missed Call

When powered on, your phone keeps a record of your missed calls. When you cannot answer a call, your phone displays the unanswered call.

	Press	To
1	<b>VIEW</b> (  )	see the <b>Unanswered Call</b> list, beginning with the most recent call
2		scroll through the list and select a call you want to view
3		make the call

**Note:** If you have an unanswered call, the phone will display **1 Unanswered Call**.

## Entering Numbers in the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. These digits can be the last phone number that you called or a phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

To call the number, create a phonebook entry, or perform other operations with the number stored in the notepad:

**Find the Feature**

 > **Recent Calls** > **Notepad**



# Using Voicemail






You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone. Contact your service provider for more details.

## Storing/Changing Your Voicemail Number

Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider.

### Find the Feature

-  > **Messages > Voicemail**
-  > **Voicemail Setup**

Press	To
1 keypad keys	enter the phone number for your voicemail
or	
<b>CANCEL</b> (  )	exit the screen
2 <b>OK</b> (  )	store the number
or	
<b>DELETE</b> (  )	delete the number

## Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays **New Voicemail** and a voicemail indicator. (Some networks only indicate when you have messages, whether



they are new or not.) If you delete all voicemail messages, the voicemail indicator will disappear.

## ***Listening to a Voicemail Message***

To listen to your voicemail message at any time:

### **Find the Feature**



 > **Messages** > **Voicemail**

Your phone calls the voicemail phone number you stored. If you do not have a voicemail number stored, the phone guides you through storing a number.

## ***Speed Dialing***

Speed dial lets you dial any phonebook entry with a minimal number of key presses.

When you store an entry in your phonebook, it is assigned a unique speed dial number. You can then use the speed dial feature to call the entry. In the idle display:

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

**Note:** To edit phone numbers in the **Entry Details** of the speed dial, see “Editing a Phonebook Entry” on page 50.



# 1-Touch Dialing

You can call phonebook entries 1 through 9 with the push of a single key. The first 9 numbers from the SIM card are stored in the 1-touch dialing locations 1-9. Press and hold the 1-digit speed dial number for 1 second.

## Find the Feature

-  > **Settings > Other Settings**
- > **Initial Setup > 1-Touch Dial**
- > **SIM or Fixed Dial**

**Note:** To change 1-touch dialing numbers, go to **Phonebook** to change the **Speed number**.

# Quick Dialing



You can dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. You can call them by selecting them from the quick dial list.

## Find the Feature

-  > **Quick Dial**

**Note:** Your service provider may use a different name for this feature.

To change your quick dial numbers:

## Find the Feature

-  > **Settings > Other Settings**
- > **Personalize > Quick Dial**



# Using Call Waiting



If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a 2nd call. To put the 1st call on hold and answer the 2nd call.

Press	To
1	answer the new call
2 <b>Swap</b> ()	return to the 1st call

**Note:** You can press **SWAP** () at any time to switch between calls.

To activate or deactivate call waiting:

## Find the Feature

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







# Forwarding a Call



Call forwarding sends your phone's incoming calls directly to another phone number. Use call forwarding options to specify which calls your phone should forward. Turn off call forwarding when you are ready to accept calls on your phone again.

## Find the Feature

> **Settings** > **Call Forward**  
> **Voice Calls**

Press	To
1 	select the desired mode
2 <b>Select</b> (  ) or <b>Exit</b> (  )	choose the entry exit the entry
3 	select <b>Status, On to Off</b>
4 <b>Select</b> (  ) or <b>Back</b> (  )	confirm the choice go back



The **Call Forward** option includes **Voice Calls** and **Cancel All**.

**Note:** You can repeat this procedure to enter forwarding information for other call types.




## Conference Calls



To talk to more than 1 person on a call, you can make a conference call. Call the 1st person, then the 2nd person, and link the 2 calls.

Press	To
1 keypad keys	dial the 1st person's number
2 	call the number
3 <b>Hold</b> (  )	put the 1st call on hold
4 keypad keys	dial the next person's number



Press	To
5 	call the number  Your phone displays a new active call indicator over the call on hold.
6 <b>LINK</b> (  )	connect the 2 calls
7 	end the entire call






## Barring a Call





Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

### Find the Feature

 > **Settings** > **Security**  
> **Call Barring**


Press	To
1 	scroll to <b>Outgoing</b> or <b>Incoming calls</b>
2 <b>SELECT</b> (  )	select barring for <b>Outgoing</b> or <b>Incoming calls</b>
3 	scroll to a restriction for the barred calls
4 <b>SELECT</b> (  )	select the restriction for the barred calls
5 	scroll to <b>On</b> or <b>Off</b>



Press	To
6 <b>SELECT</b> (  )	select <b>On</b> or <b>Off</b>
7 keypad keys	enter your call barring password (from your service provider)
8 <b>OK</b> (  )	submit your password

## ***Putting a Call on Hold***

### **Action**

Press **Hold** () (if available).

or

Press  > **Hold**.



# Messages and Chat



Text messages are brief messages that you can send and receive (such as **Where are we meeting?**). Received messages appear on your phone display or in your text message inbox.



You must set up the text message inbox before you can send and receive these messages. The total number of messages the inbox can hold depends on the length of the message, and the number of other messages and drafts stored in your phone.

**Note:** Your service provider may have already programmed the text message inbox settings for you.

## Setting Up the Text Message Inbox


### Find the Feature

-  > **Messages**
-  > **Text Msg Setup**

Press	To
1 	scroll to <b>Message Center</b>
2 <b>Select</b> 	change the <b>Service No.</b> which is provided by your service provider
3 keypad keys	enter the phone number for the service center that handles your outgoing messages






Press	To
4 OK (  )	store your service center number


## ***Sending Messages, Pictures, and Sounds***

You can send text messages and pictures or sounds to one or more recipients. You can manually enter each recipient's phone number, or select one or more numbers from the phonebook or recent calls lists. When the messages are sent, they will be saved to the outbox.

**Note:** Files may not be compatible with some brands of handsets.




### **Find the Feature**

-  > **Messages**
-  > **Create Message**
- or
- > **Create**

Press	To
1 <b>SELECT</b> (  )	start message editing
2 keypad keys	enter the message
or	





Press	To
No (  ), then OK (  ) or CANCEL (  )	store the message     exit without saving the message

## Viewing Message Status

Text messages that you send are stored in the **Outbox**. To view the content of your **Outbox**:


**Find the Feature**       > **Messages** > **Outbox**


Text messages are sorted from the newest to oldest.

**Note:** Your **Outbox** includes 3 options: **Draft**, **Unsent** and **Sent**.

## Receiving and Reading Messages

**Note:** You must set up the text message inbox before you can receive text messages.

When you receive a new message, your phone displays **New Message** and plays an alert. Press **READ** (  ) to open the message.

You can press  to view the **Text Msg Menu**, which includes the following options:

Options	Description
Delete	Delete the message.



Options	Description
<b>Call Back</b>	Call the number in the message header or embedded in the message.
<b>Reply</b>	Open a new message. The phone will automatically use the sender's number as the destination number.
<b>Forward</b>	Open a copy of the text message, with an empty <b>To</b> field.
<b>Lock</b>	Lock the message so that cleanup does not delete it.
<b>Store Number</b>	Save callback number.
<b>Create Message</b>	Create a new message.











# ***Sending Quick Notes***

To insert a Quick Note:

## **Find the Feature**

 > **Messages** > **Quick Notes**

To edit a quick note:

<b>Press</b>	<b>To</b>
<b>1 READ</b> (  )	select and create the desired note
<b>2 SEND</b> (  ) or <b>DELETE</b> (  ) or keypad keys	send the note  delete the note  edit the note
<b>3 SEND</b> (  )	confirm the message and go to next step
<b>4 [NEW ENTRY]</b> > keypad keys or 	to enter phone number   select the number from <b>Phonebook</b>
<b>5 OK</b> (  )	confirm the number
<b>6 YES</b> (  )	send the note
<b>7 SELECT</b> (  )	go to the next step



# Using Info Services

**Info Services** allow you to receive broadcasting messages such as the latest stock information or news. Before you use the feature, make sure you have done **Info Srvc Setup**.

**Note:** This feature depends on your service provider.

**Find the Feature**

 > **Messages** > **Info Services**





## Using Chat

You can exchange text messages in real time with another wireless phone user in a chat session. The messages you sent display immediately on your chat partner's phone.




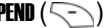
### Start a Chat Session

**Find the Feature**

 > **Chat** > **Start Chat**

Press	To
1 keypad keys	enter your <b>Nickname</b>
2 <b>OK</b> (  )	save your <b>Nickname</b>
3 keypad keys	edit your first chat message
4 <b>OK</b> (  )	save the message
5 	scroll to <b>Phone Number Entry</b> or <b>PB lookup</b>
6 keypad keys	enter your chat partner's phone number
or	
	scroll to <b>PB lookup</b> and select a number from the phonebook



Press	To
7 OK (  )	send the chat message  When your chat partner replies, the reply appears over your text.
8 CHAT (  )	enter a reply to your partner
9 OK (  )	send your reply
10 SUSPEND (  )	suspend this chat and <b>Resume Chat</b> or <b>End Chat</b> later when <b>Chat</b> is selected again

**Note:** When your phone displays **Memory is Full**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.



## Review Chat History

You can see chat history from:

**Find the Feature**       > **Chat** > **History**

## Respond to Chat

When you receive a chat message, your phone displays Chat indicating the name of the person wanting to chat, and gives an alert.

Press	To
IGNORE (  )	refuse the chat session
ACCEPT (  )	accept the chat session



If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone. If you receive another chat request during a chat session, the new request appears as an incoming text message, with the requester's chat name at the beginning of the message.

## ***End a Chat Session***

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.

Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's chat name at the beginning of the message.







# Phonebook


---

You can store a list of names and phone numbers in your phone's SIM card. You can view these entries and call them directly from your phone.

To see the list of names stored in your phonebook, press  > **Phonebook** from the idle display. Scroll to a name and press **View** () to view details of the phonebook entry.

## Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional. You can store a phonebook entry on your SIM card only.

**Shortcut:** Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **NO.** field. Go directly to step 3 in the following procedure to enter additional information and store the entry.

**Note:** You can also use the following procedure to store a fixed dial entry by scrolling to and selecting **Fixed Dial**.










## Entering Information




### Find the Feature

 > Phonebook > New Entry


Press	To
1 <b>SELECT</b> (  )	go to <b>Entry Details</b> screen
2 <b>CHANGE</b> (  )	select <b>Name</b>
3 keypad keys	enter a name for the phonebook entry
4 <b>OK</b> (  )	store the name
5 <b>CHANGE</b> (  )	enter the phone number
6 <b>OK</b> (  )	store the phone number
7 	scroll to <b>Speed No.</b> , the number to speed dial the entry  The next available speed dial number is assigned to a new phonebook number by default.
8 <b>CHANGE</b> (  )	select <b>Speed No.</b> if you want to change it
9 keypad keys	enter a different speed number if desired



Press	To
10 OK (  )	save the modified speed number
	If your chosen speed number is already assigned to another entry, you are asked if you want to replace that entry.

## Completing the Entry

When you finish entering information for a phonebook entry:

Press	To
DONE (  )	store the entry and return to the phonebook list



**Note:** Users can only store the phone numbers to the SIM card but not into the phone memory.

## Dialing a Phonebook Entry

You can use the phonebook list, speed dial, or 1-touch dial to call a number stored in your phonebook.

### Find the Feature

 > Phonebook




Press	To
1 	scroll to the entry you want
2 	call the entry

# Editing a Phonebook Entry

You can edit a phonebook entry stored on your SIM card. If you change an entry's speed dial number, the entry is moved to the new speed dial location and the original entry is deleted.

## Find the Feature






 > Phonebook

Press	To
1 	scroll to the entry you want to edit
2 <b>VIEW</b> (  )	display the entry's detailed view
3 <b>EDIT</b> (  )	edit the phonebook entry

# Deleting a Phonebook Entry

## Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry you want to delete
2 	open the phonebook menu
3 	scroll to <b>Delete</b>
4 <b>SELECT</b> (  )	select <b>Delete</b>
5 <b>YES</b> (  )	confirm the deletion







# Copying Phonebook Entries

You can copy a phonebook entry from a SIM card location to another SIM card location.

**Note:** This function copies the original entry to a new location. It does not delete the original entry.



## Find the Feature

 > **Phonebook**

Press	To
1 	scroll to the entry you want to copy
2 	open the phonebook menu
3 	scroll to <b>Copy Entry</b>
4 <b>SELECT</b> (  )	select <b>Copy Entry</b>
5 <b>YES</b> (  )	confirm that you want to copy an entry
or	
<b>NO</b> (  )	cancel the option


## Checking Capacity

To check how much space is left in your phonebook, your phone displays the number of entries that are used and the number available. To see how much memory is left in your SIM card.

Press	To
1 	open the phonebook menu
2 	scroll to <b>Capacity</b>





Press	To
<b>3 SELECT</b> (  )	select <b>Capacity</b>  Your phone displays the number of SIM card phonebook entries available.

# Personalizing Your Phone


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You can adjust your phone menus and features.

## Customizing Menus

You can customize the order of the items in your phone's main menu, depending upon your usage.

### Find the Feature

 > **Settings** > **Other Settings**  
> **Personalize** > **Main Menu**





Press	To
1 	scroll to the menu item you want to move
2 <b>GRAB</b> (  )	select the menu item you want to move
3 	move the item up or down the menu
4 <b>Insert</b> (  )	insert the item in the new location
<b>or</b>	
<b>CANCEL</b>	exit the screen



# Redefining Soft Keys


Find the Feature

 > **Settings** > **Other Settings**  
> **Personalize** > **Keys**

Press	To
1 	scroll to <b>Left</b> or <b>Right</b>
2 <b>SELECT</b> (  )	open the key editor
3 	scroll to the new key function
4 <b>SELECT</b> (  )	confirm the new function

## Selecting a Favorite Wallpaper

Find the Feature


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


Setting	Description
<b>Set Layout</b>	select <b>Center</b> or <b>Tile</b>
<b>Picture</b>	select the picture for the background image in your idle display



# Selecting a Customized Screen Saver

Find the Feature

 > Settings > Other Settings  
> Personalize > Screen Saver

Press	To
	<p>select the <b>Animation</b> that appears when your phone is idle</p> <p>or</p> <p>select <b>Idle Time</b> to set how long your phone must be idle before the screen saver appears</p> <p><b>Note:</b> If this setting is longer than your <b>Display Timeout</b> setting, then your display will turn off before you see the screen saver.</p>



## Selecting Languages

Find the Feature

 > Settings > Other Settings  
> Initial Setup > Language


## Selecting a Greeting

Find the Feature

 > Settings > Other Settings  
> Personalize > Greeting

# Selecting a Color Setting


Find the Feature



 > Settings > Other Settings  
> Personalize > Color Setting

## Customizing a Banner

You can customize your banner so that it will display under the name of your service provider on the phone's screen.

Find the Feature

 > Settings > Other Settings  
> Personalize > Banner

Press	To
1 keypad keys	enter the wording you would like to display for your banner
2 OK (  ) or DELETE (  )	confirm your entry  cancel the entry

## Using MyMenu

**MyMenu** enables you to quickly access your favorite menu features.


### Using MyMenu Shortcut

You can use **MyMenu** from the idle display, while on a call, or while scrolling through a menu.

**Note:** Not all features can set **MyMenu Shortcut**.

## Use a MyMenu Key Command

If you know the **MyMenu** key number:

Press	To
1 	open the menu
2 <b>MyMenu</b> key number	go to the menu item, or perform the menu action

## Select a Feature From the MyMenu list





To select a feature from the **MyMenu** list:

### Find the Feature

 > **MyMenu**  
> *desired feature*



**Note:** To edit or delete a **MyMenu** feature, highlight it in the list and press  to open a menu of options for the feature.

## Adding a MyMenu Shortcut

Press	To
1 	enter the menu system
2 	highlight the menu item
3 	open the <b>MyMenu</b> editor  The phone displays <b>Assign MyMenu for: “Item”?</b> , where <i>Item</i> is the name of the item you selected.
4 <b>Yes</b> 	view your options





Press	To
5 <b>CHANGE</b> (  )	change the <b>MyMenu</b> key number, if necessary
or	
<b>DONE</b> (  )	select the <b>MyMenu</b> key number and close the editor

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# Getting More Out of Your Phone

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## Dialing Options

### Fixed Dialing

When you activate the Fixed Dial feature, your phone can place calls only to the numbers in the Fixed Dial list.

**Note:** Employers can use Fixed Dial to limit employees' phones to a predefined list of numbers, country codes, or other prefixes.

### Activating Fixed Dial

Fixed Dial list entries can be any length. You must enter your SIM PIN2 code, which you receive from your network service provider.

#### Find the Feature


 > **Settings** > **Security**  
> **Fixed Dial**



## Service Dialing

You can dial preprogrammed numbers stored on your SIM card. Your service provider can program your SIM card with phone numbers for services such as taxi companies, restaurants, and hospitals.

**Find the Feature**





 > **More** > **Service Dial**



## Calling a Number in a Text Message

If you receive a text message with an embedded phone number, you can dial the number directly.

**Find the Feature**

 > **Messages** > **Inbox**

	Press	To
1		scroll to the message with the desired number
2	<b>READ</b> (  )	open the message
3		open the menu options of the desired number
4		scroll to <b>Call Back</b>

Press	To
5 <b>CALL</b> (  )	call the number
or	
<b>Back</b> (  )	return to the previous menu

If the message contains more than 1 phone number, scroll to the desired number and press **CALL** to dial.

## Using DTMF Tones

You can send numbers to the network as *Dual Tone Multi-Frequency* (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

To set the tones to Long or Short:

### Find the Feature


 > **Settings** > **Other Settings**  
> **Initial Setup** > **DTMF**



## Monitoring Phone Use

### Viewing and Resetting Call Timers

Your phone tracks and records call times. Use the **Recent Calls** menu to view and reset a call timer.



**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 be equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.



To view a call timer:

### Find the Feature

 > Recent Calls > Call Times

Press	To
1 	scroll to the timer you want to view
2 <b>SELECT</b> (  )	view the recorded time

To reset a call timer:

Press	To
1 <b>RESET</b> (  )	reset the time if available
2 <b>YES</b> (  )	confirm the reset

You can view the approximate network connection time elapsed during the following calls:

Timer	Description
<b>Last Call</b>	Time of the last call dialed or received. You cannot reset this timer.
<b>Dialed Calls</b>	Total time of dialed calls since the last time you reset this timer.





Timer	Description
<b>Received Calls</b>	Total time spent on calls received since the last time you reset this timer.
<b>All Calls</b>	Total time of dialed and received calls since the last time you reset this timer.
<b>Life Time</b>	Total time of all calls on this phone. You cannot reset this timer.



## Viewing and Resetting Call Costs

### Find the Feature

 > **Recent Calls** > **Call Cost**

Press	To
1 	scroll to the cost tracker you want to view
2 <b>SELECT</b> (  )	view the recorded cost

To reset the call tracker:

Press	To
1 <b>RESET</b> (  )	reset all the cost (if available)
2 <b>OK</b> (  )	enter your PIN2 code to confirm the reset



Your phone network can provide the following call cost information:

Cost Tracker	Description
<b>Credit Available</b>	<p>Amount of your credit remaining. For GSM advice-of-charge, this is only available if you set a credit limit.</p> <p><b>Note:</b> your phone receives cost information from the advice-of-charge feature or third-party prepay software.</p>
<b>Last Call Cost</b>	<p>Amount for the last call you dialed or received. You cannot reset this cost tracker.</p>
<b>All Calls Cost</b>	<p>Amount for all dialed and received calls since the last time you reset this cost tracker.</p> <p>You can reset this value separately from <b>Dialed Calls</b> and <b>Received Calls</b>, so <b>Dialed Calls</b> plus <b>Received Calls</b> may not equal <b>All Calls</b>.</p>
<b>Reset All Cost</b>	<p>Reset all call cost records.</p>



# Network Selection

## Find the Feature

 > Settings > Other Settings  
> Network

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.



**Getting More Out of Your  
Phone**

# Personal Organizer Features

## Alarm Clock

You can create a **New Alarm** or activate a predefined alarm profile. To create a new alarm profile:

### Find the Feature

 > **Alarm Clock** > **[New Alarm]**

#### Action




- 1 Create/edit alarm details:

**Name :**

**Time :**

**Alert:**



**Volume:**

- 2 Scroll to the item you want to edit
- 3 Press **CHANGE** () , then change details for the selected item.
- 4 Press **OK** () to confirm the item and repeat above method for other items.
- 5 Press **DONE** () save this alarm entry.



**Note:** The alarm clock in your phone must be set while your phone is on. You can then power your phone off to conserve your phone's battery. Although your phone is powered off, the alarm clock will play an audible alert at the time you have set.

To enable/disable a predefined alarm profile:




Press	To
1 	go to the desired predefined alarm profile
2 <b>ENABLE/</b> <b>DISABLE</b> (  )	activate or cancel the alarm clock

**Note:** To edit the predefined alarm profile, refer to the steps above.

## Calculator

### Find the Feature

 > **More** > **Calculator**




Press	To
1 number keys	enter a number in the calculator
2 	highlight a calculator function
3 <b>SELECT</b> (  )	perform the highlighted function
4 keypad keys	enter another number to calculate with the first one
5 	scroll to = to see the result



# Converting Currency


Find the Feature




 > More > Calculator  
 > Exchange Rate



Press	To
1 number keys	enter the exchange rate
2 <b>OK</b> (  )	store the exchange rate
3 number keys	enter the number you want to convert
4 	scroll to <b>\$</b> to see the result.
5 <b>SELECT</b> (  )	convert the currency.

## Using the Stop Watch

Find the Feature

 > More > Stop Watch

Press	To
1 <b>START</b> (  )	start counting the time
2 <b>STOP</b> (  )	stop counting the time
3 <b>RESET</b> (  )	reset the <b>Stop Watch</b>

**Note:** After **Stop Watch** is activated, you can press **SNAPSHOT** () to keep track of the time elapsed for later reference. After stopping the **Stop Watch**, you can press  right and left to navigate through the **SNAPSHOT** time 1, 2, 3..., etc.



# Security

## Locking and Unlocking Your Phone

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


When you try to use a locked phone, it prompts you to enter the unlock code. (The default unlock code is 1234.) A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency call on your phone even when it is locked.

### Lock Your Phone Manually

#### Find the Feature

 > Settings > Security  
> Phone Lock > Lock Now


Press	To
1 keypad keys	enter your 4-digit unlock code
2 OK (  )	lock the phone

### Set Your Phone to Lock Automatically


#### Find the Feature

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



Press	To
1 keypad keys	enter your 4-digit unlock code
2 <b>OK</b> (  )	set the phone to lock automatically

## Unlock Your Phone

Press	To
1 keypad keys	enter your 4-digit unlock code The unlock code is originally set to 1234.
2 <b>OK</b> (  )	unlock your phone

## Changing Your Unlock Code

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 numbers before you receive your phone.






If your service provider has not reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain 4 digits, and the security code must contain 6 digits. Be sure to make a note of the new numbers.

### Find the Feature

 > **Settings** > **Security**  
> **New Passwords**







Press	To
1 	scroll to the code or password you want to change
2 <b>SELECT</b> ( 	select the <b>code</b> or <b>password</b>
3 keypad keys	enter your old code
4 <b>OK</b> ( 	submit your old code
5 keypad keys	enter the new code
6 <b>OK</b> ( 	assign the new code
7 keypad keys	re-enter the new code
8 <b>OK</b> ( 	confirm the new code

## ***If You Forget a Code or Password***

If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

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:

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






# Protecting the SIM Card

Your PIN (*Personal Identification Number*) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card. Your SIM card PIN code is given to you by your service provider.

## Find the Feature

 > **Settings** > **Security**  
> **SIM PIN**

	Press	To
1		scroll to <b>On</b> or <b>Off</b>
2	<b>SELECT</b> (  )	switch protection on or off
3	keypad keys	enter your SIM card PIN code
4	<b>OK</b> (  )	submit your code



# News and Entertainment




## Games

Your phone comes with 3 games. If you receive an incoming call, message, alarm, or alert while playing a game, the game pauses.



When the game is over, you can purchase more advanced game levels.

### Find the Feature

 > **Games** > *game*

Press	To
<b>SELECT</b> (  )	start the game

When the game is over, you can play again or return to the **Games** menu, depending on the game.

Press	To
	pause the game session
<b>or</b>	
	end the game session and return to the game menu








# Using My Tones

You can create custom alert tones for your phone. The tones you create appear in the list of available alerts.

## Creating a Tone

### Find the Feature







 > Ring Style > My Tones

Press	To
1  up or down	scroll to <b>[New Tone]</b>
2 <b>EDIT</b> (  )	go to <b>Tone Details</b>
3 <b>CHANGE</b> (  )	select <b>Notes:</b>
4 keypad keys	enter notes for the tone
5 <b>OK</b> (  )	store the notes
6 <b>CHANGE</b> (  )	select <b>Name:</b>
7 keypad keys	enter the name for the tone
8 <b>OK</b> (  )	store the name
9 <b>DONE</b> (  )	store the tone

## Entering Notes

To create a new tone, use the keypad keys to enter each note. Press a key multiple times to cycle through its available notes or options (pitch, octave, or length). The default setting for a new tone is a quarter note in octave 2.



Key	Display	Description
	<b>1</b>	set octave 1
	<b>2</b>	set octave 2
	<b>3</b>	set octave 3
	<b>A</b>	note A
	<b>B</b>	note B
	<b>C</b>	note C
	<b>2</b>	set octave 2
	<b>D</b>	note D
	<b>E</b>	note E
	<b>F</b>	note F
	<b>3</b>	set octave 3
	<b>G</b>	note G
	<b>R</b>	rest
	<b>#</b>	sharp
	<b>B</b>	flat
	<b>Q</b>	quarter note or quarter rest
	<b>H</b>	half note or half rest
	<b>W</b>	whole note or whole rest



Key	Display	Description
		move cursor left
		move cursor right

Enter a note as follows:











Task	Action
Change the octave	Set the new octave ( <b>1</b> , <b>2</b> or <b>3</b> ) before selecting the note. The new octave applies to the note and all following notes until you change it again.
Select the note (required)	Press a keypad key to enter a note.
Change a note to a sharp or flat	Enter a sharp or flat ( <b>#</b> or <b>b</b> ) after selecting the note.  Some sharps and flats are played as standard notes. For example, <b>B#</b> is the same as <b>C</b> . Press  up or down to scroll to valid notes when entering a new note.











Task	Action
Change a note's length	Set the new length ( <b>h</b> , <b>w</b> , or <b>q</b> ) after selecting the note. The new length applies to the note and all following notes until you change it again.
Add a rest	Enter 1 or more rests ( <b>R</b> characters) as needed in the tone sequence. You can set the length of the rest by entering <b>h</b> , <b>w</b> , or <b>q</b> after the rest, just as you can for a note.

## Example

Press these keys to play this sequence of notes and rests in octave 3: **C** (quarter note), **E flat** (quarter note), **half rest**, and **G** (whole note):

Press	To	Display
  	set octave 3	<b>3</b>
  	enter a quarter note <b>C</b>	<b>C</b>
   	enter a quarter note <b>E flat</b>	<b>E<sub>b</sub></b>









Press	To	Display
   	enter a <b>half rest</b>	<b>Rh</b>
   	enter a whole <b>note G</b>	<b>Gw</b>

## Playing a Note

### Find the Feature

 > **Ring Style** > **My Tones**

Press	To
1  up or down	scroll to the tone you want to play
2 	open <b>My Tones Menu</b>
3  up or down	scroll to <b>Play</b>
4 <b>SELECT</b> (  )	select <b>Play</b>  The phone displays the playback meter and plays the tone.
5 <b>Play</b> (  ) or <b>CANCEL</b> (  )	play the tone again  return to the my tones list

## Editing a Tone

You cannot edit the standard alert tones included with your phone. To edit a custom tone that you created:

### Find the Feature

 > **Ring Style** > **My Tones**





Press	To
6	scroll to the tone you want to edit
7 <b>EDIT</b> (	open the tone details
8	scroll to the details you want to edit ( <b>Name</b> or <b>Notes</b> )
9 <b>CHANGE</b> (	select the details you want to edit
10 keypad keys	enter new text or notes
11 <b>OK</b> (	store the details

## Deleting a Tone

You cannot delete the standard alert tones included with your phone. To delete a custom tone that you created:

### Find the Feature

> **Ring Style** > **My Tones**

Press	To
1	scroll to the tone you want to delete
2	open <b>My Tones Menu</b>
3	scroll to <b>Delete</b>
4 <b>SELECT</b> (	select <b>Delete</b>
5 <b>YES</b> (	confirm the deletion

# Troubleshooting

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## Check Here First

If your phone does not seem to work properly, look here first. If you still need help, see “Service and Repairs” on page 83.



### Phone Automatic Power On/Off

**Question:** My phone powers off automatically while in standby mode. What should I do when this happens?

**Answer:** This phone has an automatic power on/off feature that automatically turns on/off the phone's power at specific times. To access this feature:

#### Find the Feature

- ⋮ > Settings > Other Settings
- > Initial Setup
- > Power On/Off

### Changing the Time on the Phone's Clock

**Question:** My phone's clock is incorrect during normal use. How can I change it?

**Answer:** The phone's system clock is reset whenever you remove the battery. This will cause the clock to display the incorrect time the next time you turn on the phone's power.

Whenever you replace the battery and turn on the phone's power, be sure to enter the correct time and date:

### **Find the Feature**

-  > **Settings** > **Other Settings**
  - > **Initial Setup**
  - > **Time and Date**

## ***Storing Phone Numbers in Phone Memory***

**Question:** Why can't I store phone numbers in phone memory?

**Answer:** Storing phone numbers in phone memory is not a feature of this phone. You can store phone numbers only on your SIM card.

## ***Using the End/Send Key on the Headset***

**Question:** When I use the headset with my phone, nothing happens when I press the **Send/End** key on the headset. Why?

**Answer:** The phone does not support the **Send/End** key function on the headset.

## ***No Backlight on the Display***

**Question:** During phone operation, why don't I see a backlight on the display?

**Answer:** The **Backlight** may be set to **Off**. To view and/or change the backlight setting:


### **Find the Feature**

-  > **Settings** > **Other Settings**
  - > **Initial Setup**
  - > **Backlight**



## No Incoming Call Ring Tone

**Question:** Why don't I hear a ring tone for incoming calls or messages?

**Answer:** The volume may be set to level 0 (silent). Check volume setting by pressing  to scroll left or right.

## Screen Saver Does Not Appear

**Question:** Why doesn't the screen saver appear after it has been set?

**Answer:** If **Battery Save** is set to **On**, the screen saver does not appear and the backlight turns off by default after 5 seconds, regardless of the settings. To check the **Battery Save** setting:

### Find the Feature

 > **Settings** > **Other Settings**  
> **Initial Setup** > **Battery Save**

## No Service

**Question:** When I turn on my phone for the first time, or when I turn it on while traveling to another country, my phone displays **No Service**. Why?

**Answer:** Each operator has its own operation frequency band. Make sure your phone's band selection setting matches the operator's frequency band:

### Find the Feature

 > **Settings** > **Other Settings**  
> **Network** > **Band Selection**

## ***Service and Repairs***

If you have questions or need assistance, we're here to help. Go to [www.motorola.com/consumer/support](http://www.motorola.com/consumer/support), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).



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

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### ***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 1.2 W/kg, and when worn on the body, as described in this user guide, is 0.56 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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