

Menu Feature Descriptions



This chapter describes all of your phone's features in alphabetical order. Some descriptions also include page numbers where you can find more detailed information. If you would like to learn more about a specific feature, a reference guide for your phone is also available. To obtain a copy of the reference guide or another copy of this user guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals>

or contact the Motorola Customer Call Center at 1-800-331-6456.

BROWSER

MENU > Browser

Access Web pages and run Web-based applications.

The micro-browser delivers WAP (Wireless Application Protocol) pages from your service provider directly to your phone. See "Micro-Browser" on page 129.



CALL FORWARD

MENU > Settings
> Call Forward

Set options for forwarding incoming voice, fax, and/or data calls to another phone number. See "Call Forwarding" on page 133.

CONNECTION

Connect your phone to a computer or hand-held device to send and receive data and fax calls on the connected device. Connect your phone using a serial cable or USB cable. See "Connecting Your Phone to an External Device" on page 141.



Menu Feature Descriptions

Incoming Call

MENU > Settings
> Connection
> Incoming Call

Specify the format for the next incoming call. You can select **Fax In Only**, **Data In Only**, or **Normal**.

DATEBOOK

MENU > Datebook

Use the datebook calendar to schedule and review your appointments. See “Datebook” on page 100.

FIXED DIAL

MENU > Fixed Dial

Dial or edit numbers in the fixed dial list.

When you activate the fixed dial feature, users can only call the numbers in the fixed dial list. Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555.

You must enter your PIN2 code to edit fixed dial entries. (If necessary, see “If You Forget a Code or Password” on page 149.) In the fixed dial list, you can create, edit, delete, and sort entries just like with the phonebook list. List entries are stored on your SIM card and do not have **Type** or **Voice Name** fields.

Note: Employers can use fixed dial to limit employees’ phones to a predefined list of numbers, country codes, or other prefixes.

IN-CALL SETUP

Use the in-call setup menu to set the features that are active during a call, such as the in-call timer, cost trackers, call waiting, and call answering options.



Answer Options

- MENU** > Settings
- > In-Call Setup
- > Answer Options

Turn call answering options on or off:

Multi-Key Answer by pressing any key

Open to Answer Answer by opening the flip

Call Cost Setup

- MENU** > Settings
- > In-Call Setup
- > Call Cost Setup

Adjust call cost settings.

You can assign a credit limit so that your phone displays your remaining credit during calls. Your phone notifies you when you approach your limit, and ends the call when you reach it.

Your phone network expresses cost in the amount of units used, but this feature lets you tell your phone how to translate the units to a currency.

Call Waiting

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



Activate and deactivate call waiting.

When call waiting is activated and another call arrives while you are on a call, call waiting can play a tone to notify you of the new call. For information on using call waiting, see "Using Call Waiting" on page 46.

Menu Feature Descriptions

In-Call Timer

MENU > Settings
> In-Call Setup
> In-Call Timer

Adjust call timer display and beep settings. You can set your timer to beep at a selected interval during your calls. (60 seconds is the default.) You can also turn on or off a display timer during calls as follows:

Time	Display the elapsed time for the current call
Cost	Display the cost of the current call (if you subscribe to call cost features or advice-of-charge)
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to call cost features or advice-of-charge)
Credit Available	Display how much credit you have left (if you subscribe to call cost features or advice-of-charge)
Off	No in-call timer display

My Caller ID

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

Activate and deactivate the display of your phone number as an ID when you call someone.



Talk and Fax

MENU > Settings
> In-Call Setup
> Talk and Fax

Activate and deactivate the talk/fax service.

Use this feature to talk to someone and then send a fax—all to the same phone number and within the same call. See “Sending a Talk then Data or Talk then Fax Call” on page 147.

MESSAGES

MENU > Messages

Adjust message settings, view and manage the various types of messages your phone can receive and/or send:



- Browser Alerts** Read alert messages received by your micro-browser
- Drafts** Store and edit text messages that you have written but not sent
- Outbox** View all outgoing text messages, delivered and undelivered
- Quick Notes** Select and send pre-written messages from the quick notes list
- Text Msgs** Send and receive text messages. See “Messages—Text” on page 110
- Voicemail** Listen to your recorded voice messages. See “Messages—Voicemail” on page 108

Menu Feature Descriptions

OTHER SETTINGS

Car Settings

MENU > Settings
> Other Settings
> Car Settings



Adjust hands-free car kit settings.

You can set your phone to route calls directly to the car kit when it detects a connection, and automatically answer calls after two rings. See "Hands-Free Use" on page 137.

Headset

MENU > Settings
> Other Settings
> Headset



Set your phone to automatically answer calls after two rings when connected to a headset. See "Hands-Free Use" on page 137.

Initial Setup

MENU > Settings
> Other Settings
> Initial Setup

Set many basic phone options:

Animation

Turn animation off (to conserve the battery) or on. Animation makes your phone's menus move smoothly as you scroll up and down.

Auto Redial

Automatically redial calls that fail due to busy network conditions. (See "Using Automatic Redial" on page 37.)

Battery Save

Adjust the phone's power usage characteristics to conserve power



Backlight	Set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power
Contrast Setting	Adjust the contrast setting for your display
Language	Set the language for phone menus
Master Clear	<p>Reset all options back to their original factory settings <i>except</i> for the unlock code, security code, and lifetime timer, <i>and</i> clear all user settings and entries <i>except</i> for information on the SIM card</p> <p>This option <i>erases all user-entered information</i> stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered.</p>
Master Reset	Reset all options back to their original factory settings <i>except</i> for the unlock code, security code, and lifetime timer
One-Touch Dial	Assign the one-touch dial feature to numbers 2 through 9 in your phone memory phonebook, fixed dial list, or SIM card phonebook. (See "One-Touch Dial Preference" on page 99.)
Preferred Card	Set the preferred SIM card

Menu Feature Descriptions

- Scroll** Force the cursor to stop or wrap around when it reaches the top or bottom of a list in the display
- Status Light** Turn the status light off (to conserve battery power) and on
- Time and Date** Set the phone's time and date
- Zoom** Switch between three lines (**Zoom Out**) and two lines (**Zoom In**) of display text

Network

 > **Settings**
> **Other Settings**
> **Network**

View and adjust your phone's network settings.

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, and turn on/off alerts that indicate when a call is dropped or network registration changes.

Personalize

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

Set several personal phone options:

- Banner** Change the text that appears in the idle display
- Greeting** Change the text displayed when you turn on your phone



- Keys** Change the functions of the soft keys and smart key in the idle display. (See “Customizing a Soft Key Function” on page 136.)
- Main Menu** Change the order of the main menu. (See “Reordering Menu Items” on page 136.)
- Quick Dial** Change quick dial number(s)

PHONE STATUS

Battery Meter

-  > Settings
- > Phone Status
- > Battery Meter

View a detailed battery charge meter.

Credit Available

-  > Settings
- > Phone Status
- > Credit Available

Advice-of-charge users can view the credit available.

Credit Info

-  > Settings
- > Phone Status
- > Credit Info



Prepay users can view current credit information.

If you use a prepay option, you can view the credit available, its expiration date, and the date of the last deposit.

My Tel. Number

-  > Settings
- > Phone Status
- > My Tel. Number

View, enter, and edit your name and phone number.

Menu Feature Descriptions

Other Information

MENU > Settings
> Phone Status
> Other Information

View the phone's feature specifications (if available from the service provider).

Phone: Line 1/2

MENU > Settings
> Phone Status
>
Phone: Line 1/2



Change the active phone line (on dual-line phones) to send or receive calls from either of the available numbers.

PHONEBOOK

MENU > Phonebook

Open the phonebook.

Store names and phone numbers as entries in your phonebook. Then, you can call phonebook entries by selecting them from the phonebook list. See "Phonebook" on page 86.

QUICK DIAL

MENU > Quick Dial

Dial pre-programmed customer service numbers.

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

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



RADIO

MENU > Radio

Listen to FM radio stations with the optional Motorola FM radio headset accessory. This menu





feature is displayed only when the FM radio headset is plugged into the accessory connector port on your phone. See “Radio” on page 106.

RECENT CALLS

View the numbers of your recent dialed calls and received calls. See “Recent Calls” on page 78.

Call Cost

 > Recent Calls
> Call Cost

View call cost information.

Your phone network can provide the following cost information:

- | | |
|-------------------------|---|
| Credit Available | Amount of your credit remaining |
| Expiration Date | Date that the available credit expires (only available with third-party software) |
| Last Deposit | Amount of the last deposit (only available with third-party software) |
| Last Call | Amount spent on the last call you dialed or received. You cannot reset this cost tracker. |
| Dialed Calls | Amount spent on calls you dialed since the last time you reset this cost tracker |
| Received Calls | Amount spent on calls you received since the last time you reset this cost tracker |

Menu Feature Descriptions

All Calls

Amount spent on all dialed and received calls since the last time you reset this cost tracker

You can reset this value separate from **Dialed Calls** and **Received Calls**, so **Dialed Calls** plus **Received Calls** may not equal **All Calls**.

Call Times

 > **Recent Calls**
> **Call Times**

View call timers.

You can view five timers that track time spent on your last call, dialed calls, received calls, all calls since reset, and all calls total. See “Viewing and Resetting Call Times and Costs” on page 84.

Dialed Calls

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

View a list of recently dialed calls.

Your phone keeps a list of phone numbers from calls you recently dialed (even if the calls did not connect). See “Viewing the Received Calls or Dialed Calls List” on page 78.

Notepad

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

Call or store the last number entered on the keypad.

You can use this notepad to view the last number you entered, even if you did not call the number. See “Using the Notepad” on page 81.



Received Calls

MENU > Recent Calls
> Received Calls

View a list of recently received calls.

Your phone keeps a list of the numbers from calls you recently received (even if you did not answer). See “Viewing the Received Calls or Dialed Calls List” on page 78.

RING/VIBRATE

Alert

MENU > Settings
> Ring/Vibrate
> Alert

Select a type of ring or vibration alert for incoming calls and messages. See “Ring/Vibrate” on page 131.

Alert Detail

MENU > Settings
> Ring/Vibrate
> Alert Detail

Change details about the ring or vibration alert. *Alert* represents the name of the current alert setting. See “Ring/Vibrate” on page 131.

SECURITY

Call Barring

MENU > Settings > Security
> Call Barring

Restrict incoming and outgoing calls.

You can restrict all calls, calls to international numbers, or calls while roaming.

Fixed Dial

MENU > Settings > Security
> Fixed Dial

Restrict outgoing calls to numbers on the fixed dial list.

Menu Feature Descriptions

Lock Application

MENU > Settings > Security
> Lock Application

Lock and unlock specific phone applications (such as phonebook and datebook) so that users must enter the unlock code to use them.

Lock Keypad

MENU > Settings > Security
> Lock Keypad

Lock and unlock your keypad. See “Locking and Unlocking Your Keypad” on page 152.

New Passwords

MENU > Settings > Security
> New Passwords

Change your unlock code (originally set to 1234) or your security code (originally set to 000000). See “Assigning a New Code or Password” on page 148.

Phone Lock

MENU > Settings > Security
> Phone Lock

Lock and unlock your phone. See “Locking and Unlocking Your Phone” on page 150.

SIM PIN

MENU > Settings > Security
> SIM PIN

Switch protection on and off, so users must enter the SIM PIN code when they turn on the phone or insert the SIM card. See “Protecting the SIM Card” on page 153.

SERVICE DIAL

MENU > Service Dial

Dial pre-programmed numbers.

Your service provider can program your SIM card with as many as 255 phone numbers for services such as taxi companies, restaurants, and hospitals.





SHORTCUTS

> Shortcuts

Create keypad or voice shortcuts to menu features.

See “Shortcuts” on page 117.

SIM APPS

> SIM Apps

Access information and applications stored on your SIM card.



Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for details.

VOICE NOTES

> Voice Notes


Use the voice key to record messages and phone calls. See “Voice Notes” on page 122.

Recent Calls

You can use the recent calls menu to view received calls or dialed calls, retrieve the last number stored in the notepad, and view or reset call times and costs.

Viewing the Received Calls or Dialed Calls List



Your phone keeps lists of the numbers from 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 ones are added. Each entry tells you the person's number (or name, if available) and whether the call connected or not. 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.







To open the recent calls menu:

Find the Feature

 > Recent Calls



Press	To
1 	scroll to Received Calls or Dialed Calls
2 SELECT ()	select Received Calls or Dialed Calls



Press	To
3 	scroll to an entry you want to call, store, or delete Note: ✓ means the call connected.
4 	call the entry's number
or 	view the entry's details if View appears above the  key, or store the entry's details in the phonebook if Store appears above the  key
or 	open the Last Calls Menu to perform other procedures as described in the following list

Recent Calls


The **Last Calls Menu** includes the following options:

Option	Description
Store	Create a phonebook entry with the selected number in the No. field. (This option is not available if STORE appears above the  key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option is not available if DELETE appears above the  key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Te1 No. field. See "Sending a New Text Message" on page 114.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Talk then Fax or Talk then Data	Tell the network you want to call and talk to someone, and then send data or a fax—all to the same number in the same call. See "Sending a Talk then Data or Talk then Fax Call" on page 147.



Using the Notepad

Your phone uses a notepad to store the most recent string of digits entered—either for a phone number that you called or for a number that you entered but did not call.

To call the number stored in the notepad, press  from the idle display.

To create a phonebook entry or perform other operations with the number:

Find the Feature

 > Recent Calls
> Notepad

Press



To

open the **Dialing Menu** (to attach a number or insert a special character). See “Additional Dialing Features” on page 44.


or

STORE ()

create a new phonebook entry, with the notepad number copied into the **No.** field. See “Storing a Phonebook Entry” on page 87.

Call Times and Costs

Your phone tracks and records call times and costs. Use the recent calls menu to view and reset a call timer or cost tracker.

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.

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

Timer	Description
Last Call	Time spent on the last call dialed or received. You cannot reset this timer.
Dialed Calls	Total time spent on dialed calls since the last time you reset this timer.
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this phone. You cannot reset this timer.



Your phone network can provide the following cost information:

Cost Tracker	Description
Credit Available	<p>Amount of your credit remaining.</p> <p> For GSM advice of charge, this is only available if you set a credit limit.</p> <p>Note: Your phone receives cost information from the GSM advice of charge feature or third-party prepay software.</p>
Expiration Date	Date that the available credit expires (only available with third-party software).
Last Deposit	Amount of the last deposit (only available with third-party software).
Last Call	Amount spent on the last call you dialed or received. You cannot reset this cost tracker.
Dialed Calls	Amount spent on calls you dialed since the last time you reset this cost tracker.
Received Calls	Amount spent on calls you received since the last time you reset this cost tracker.

Recent Calls





Cost Tracker	Description
All Calls	Amount spent on all dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialed Calls and Received Calls , so Dialed Calls plus Received Calls may not equal All Calls .

Viewing and Resetting Call Times and Costs

To view a call timer or cost tracker:

Find the Feature

 > Recent Calls

Press	To
1 	scroll to Call Times or Call Cost
2 SELECT ()	open the list of timers or cost trackers
3 	scroll to the timer or cost tracker you want
4 SELECT ()	view the recorded time or cost




To reset the call timer or cost tracker:

Press	To
1 RESET (▶)	reset the time or cost (if available)
2 <i>for a timer:</i> YES (▶)	confirm the reset
<i>for a cost tracker:</i> keypad keys and OK (▶)	enter your PIN2 code to confirm the reset

Phonebook

You can store a list of names and phone numbers in your phone's electronic phonebook. Your phone can store as many as 500 entries. You can view these entries and call them directly from your phone.

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

Fields in a Phonebook Entry Form

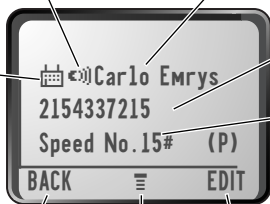
Voice Name indicator

indicates a recorded voice name

Entry's Name

Type indicator identifies number type:

-  Work
-  Home
-  Main
-  Mobile
-  Fax
-  Pager



Entry's phone number

Entry's speed dial number

Return to list

Press **MENU** to open the **Phonebook Menu**

Edit entry


(P) indicates entry stored in phone memory, (S) indicates SIM memory.



Note: Numbers stored on the SIM card do not have **Type** or **Voice Name** information.

Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional.




Shortcut: Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **No.** field. Use 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**.









Enter Information

Find the Feature

 > Phonebook
 > New

Press	To
1 CHANGE ()	select Name
2 keypad keys	enter a name for the phonebook entry (See "Entering Text" on page 56.)
3 OK ()	store the name
4 CHANGE ()	select No.
5 keypad keys	enter the phone number

Phonebook

Press	To
6 OK ()	store the phone number
7 CHANGE ()	select Type (<i>not available for entries stored on a SIM card</i>)
8 	scroll to the type of phone number
9 SELECT ()	select the number type
10 RECORD () or Go to step 11 if you do not want to record a voice name for the entry	record a voice name for the entry, if desired See "Recording a Voice Name For a Phonebook Entry" on page 89.
11 	scroll to Speed No. , the number to "speed dial" the entry The next available speed dial number is assigned to a new phonebook number by default.
12 CHANGE ()	select Speed No. if you want to change it
13 keypad keys	enter a different speed number, if desired
14 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.



Press

To

15 SELECT ()

select **MORE** if you want to create another entry with the same **Name**

Note: You must enter a name and number to use this option.

Complete Phonebook Entry

When you are finished entering information for a phonebook entry:

Press

To

DONE ()

store the entry and return to the phonebook list

Recording a Voice Name For a Phonebook Entry

You can record a voice name when you create a new phonebook entry, or when you edit a previously stored phonebook entry. This lets you use voice dial to call the number without dialing (see “Voice Dial” on page 92).






Your phone can store a total of 20 voice names. (This option is not available for entries stored on a SIM card.)

Tip: Make your voice recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and

Speak directly into the phone's microphone in a normal tone of voice.

Find the Feature

 > Phonebook

Do This	To
1 Press 	scroll to the entry that needs a voice name
2 Press VIEW ()	display the entry's detailed view
3 Press EDIT ()	edit the phonebook entry
4 Press 	scroll to Voice Name
5 Press RECORD ()	begin the recording process The phone displays Press Voice key then say name.



Do This

- 6** Press and release the voice key on the right side of your phone and say the entry's name (in two seconds)

To

record the voice name
The phone displays **Press Voice Key then REPEAT name.**



Voice
key

- 7** Press the voice key and repeat the name

confirm the voice name
The phone displays
Trained: Voice Name.

Dialing a Phonebook Entry



You can use the phonebook list, voice dial, speed dial, or one-touch dial to call the numbers stored in your phonebook. To use speed dial, see “Dialing With Speed Dial” on page 41. To use one-touch dial, see “Dialing With One-Touch Dial” on page 42.

Phonebook List

To call a number from the phonebook list:

Find the Feature

 > Phonebook

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

Voice Dial




To call a number using voice dial:

Do This	Result
Press and release the voice key on the right side of your phone and say the entry's name (in two seconds).	Your phone goes to the entry in the phonebook list, plays back the voice name stored with the phonebook entry, waits two seconds, then automatically dials the call.



Editing a Phonebook Entry

Find the Feature  > Phonebook






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

Edit a phonebook entry by following the procedures described in "Storing a Phonebook Entry" on page 87.

Deleting a Phonebook Entry

To delete 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 Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Copying Phonebook Entries to a SIM Card

You can copy one or more entries from your phonebook list to a SIM card. This lets you free up infrequently used speed dial numbers.





Note: The SIM card cannot store **Type** and **Voice Name** data for entries. If you try to copy an entry with a type or voice name to the SIM card, the phone asks you for confirmation before dropping this information and copying the entry.

Copy a Single Entry

To copy a single phonebook entry from your phone to your SIM card:

Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry you want to copy
2 	open the Phonebook Menu
3 	scroll to Copy Entry
4 SELECT ()	select Copy Entry
	The phone displays the Copy To dialog, with the next available speed dial number.






Press	To
5 keypad keys	edit the speed dial number, if necessary Change the speed dial number in the Copy To dialog by entering a new number on the keypad.
6 OK (➤)	approve the copy to the speed dial number The phone displays the Stored notification. You can now delete the old phonebook entry.

Copy Multiple Entries









To copy multiple phonebook entries from your phone to your SIM card:

Find the Feature

 > Phonebook

Press	To
1 	open the Phonebook Menu
2 	scroll to Copy Entries
3 SELECT (➤)	select Copy Entries The phone displays the Copy Entries dialog.
4 	scroll to From (start)
5 CHANGE (➤)	select From (start)

Phonebook

Press	To
6 keypad keys	enter the first (lowest) speed dial number in the range of entries that you want to copy
7 OK ()	store the number and return to the Copy Entries dialog
8 	scroll to From (end)
9 CHANGE ()	select From (end)
10 keypad keys	enter the last (highest) speed dial number in the range of entries that you want to copy
11 OK ()	store the number and return to the Copy Entries dialog
12 	scroll to To
13 CHANGE ()	select To
14 keypad keys	enter the first (lowest) new speed dial number for the entries' new location
15 OK ()	store the number and return to the Copy Entries dialog
16 DONE ()	copy the entries The phone displays the Copied Entries message. You can now delete the old entries.





Checking Phonebook Capacity

You can check your phonebook's capacity to see how many entries you have used and how many more are available. Since you can store phonebook entries on both your phone and your SIM card, you can check either your phone's capacity or your SIM card's capacity. Your phonebook holds 500 entries, and your SIM card holds an additional 255 entries.

To check the phonebook capacity for your phone or SIM card:

Find the Feature

MENU > Phonebook

Press	To
1 MENU	open the Phonebook Menu
2 	scroll to Ph Book Capacity or SIM Capacity
3 SELECT ()	select Ph Book Capacity or SIM Capacity

The phone displays the number of entries that are in use and the number that are empty.

Synchronizing with TrueSync Software




You can synchronize phonebook entries between your phone and computer or hand-held device with TrueSync[®] software, a Motorola accessory product. See the TrueSync user guide for more information.

Recent Calls

You can use the recent calls menu to view received calls or dialed calls, retrieve the last number stored in the notepad, and view or reset call times and costs.



Viewing the Received Calls or Dialed Calls List

Your phone keeps lists of the numbers from 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 ones are added. Each entry tells you the person's number (or name, if available) and whether the call connected or not. 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.

To open the recent calls menu:

Find the Feature  > Recent Calls



Press	To
1 	scroll to Received Calls or Dialed Calls
2 SELECT ()	select Received Calls or Dialed Calls



Press	To
3 	scroll to an entry you want to call, store, or delete Note: ✓ means the call connected.
4  or 	call the entry's number view the entry's details if View appears above the  key, or store the entry's details in the phonebook if Store appears above the  key
or 	open the Last Calls Menu to perform other procedures as described in the following list

Recent Calls


The **Last Calls Menu** includes the following options:

Option	Description
Store	Create a phonebook entry with the selected number in the No. field. (This option is not available if STORE appears above the  key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option is not available if DELETE appears above the  key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Te1 No. field. See "Sending a New Text Message" on page 114.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Talk then Fax or Talk then Data	Tell the network you want to call and talk to someone, and then send data or a fax—all to the same number in the same call. See "Sending a Talk then Data or Talk then Fax Call" on page 147.



Using the Notepad

Your phone uses a notepad to store the most recent string of digits entered—either for a phone number that you called or for a number that you entered but did not call.

To call the number stored in the notepad, press  from the idle display.

To create a phonebook entry or perform other operations with the number:

Find the Feature

 > Recent Calls
> Notepad

Press



To

open the **Dialing Menu** (to attach a number or insert a special character). See “Additional Dialing Features” on page 44.


or

STORE ()

create a new phonebook entry, with the notepad number copied into the **No.** field. See “Storing a Phonebook Entry” on page 87.

Call Times and Costs

Your phone tracks and records call times and costs. Use the recent calls menu to view and reset a call timer or cost tracker.

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.

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

Timer	Description
Last Call	Time spent on the last call dialed or received. You cannot reset this timer.
Dialed Calls	Total time spent on dialed calls since the last time you reset this timer.
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this phone. You cannot reset this timer.



Your phone network can provide the following cost information:

Cost Tracker	Description
Credit Available	<p>Amount of your credit remaining.</p> <p> For GSM advice of charge, this is only available if you set a credit limit.</p> <p>Note: Your phone receives cost information from the GSM advice of charge feature or third-party prepay software.</p>
Expiration Date	Date that the available credit expires (only available with third-party software).
Last Deposit	Amount of the last deposit (only available with third-party software).
Last Call	Amount spent on the last call you dialed or received. You cannot reset this cost tracker.
Dialed Calls	Amount spent on calls you dialed since the last time you reset this cost tracker.
Received Calls	Amount spent on calls you received since the last time you reset this cost tracker.

Recent Calls





Cost Tracker	Description
All Calls	Amount spent on all dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialed Calls and Received Calls , so Dialed Calls plus Received Calls may not equal All Calls .

Viewing and Resetting Call Times and Costs

To view a call timer or cost tracker:

Find the Feature

 > Recent Calls

Press	To
1 	scroll to Call Times or Call Cost
2 SELECT ()	open the list of timers or cost trackers
3 	scroll to the timer or cost tracker you want
4 SELECT ()	view the recorded time or cost




To reset the call timer or cost tracker:

Press	To
1 RESET (▶)	reset the time or cost (if available)
2 <i>for a timer:</i> YES (▶)	confirm the reset
<i>for a cost tracker:</i> keypad keys and OK (▶)	enter your PIN2 code to confirm the reset

Phonebook

You can store a list of names and phone numbers in your phone's electronic phonebook. Your phone can store as many as 500 entries. You can view these entries and call them directly from your phone.

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

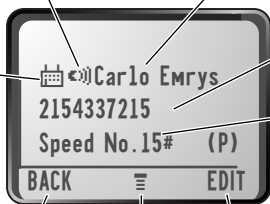
Fields in a Phonebook Entry Form

Voice Name indicator
indicates a recorded voice name

Entry's Name

Type indicator
identifies
number type:

-  Work
-  Home
-  Main
-  Mobile
-  Fax
-  Pager



Entry's
phone number

Entry's speed
dial number

Return
to list

Press
to open the
**Phonebook
Menu**

Edit
entry


(P) indicates
entry stored in
phone memory,
(S) indicates
SIM memory.



Note: Numbers stored on the SIM card do not have **Type** or **Voice Name** information.

Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional.




Shortcut: Enter a phone number in the idle display, then press **STORE** () to create a phonebook entry with the number in the **No.** field. Use 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**.









Enter Information

Find the Feature

 > Phonebook
 > New

Press	To
1 CHANGE ()	select Name
2 keypad keys	enter a name for the phonebook entry (See "Entering Text" on page 56.)
3 OK ()	store the name
4 CHANGE ()	select No.
5 keypad keys	enter the phone number

Phonebook

Press	To
6 OK ()	store the phone number
7 CHANGE ()	select Type (<i>not available for entries stored on a SIM card</i>)
8 	scroll to the type of phone number
9 SELECT ()	select the number type
10 RECORD () or Go to step 11 if you do not want to record a voice name for the entry	record a voice name for the entry, if desired See "Recording a Voice Name For a Phonebook Entry" on page 89.
11 	scroll to Speed No. , the number to "speed dial" the entry The next available speed dial number is assigned to a new phonebook number by default.
12 CHANGE ()	select Speed No. if you want to change it
13 keypad keys	enter a different speed number, if desired
14 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.



Press

To

15 SELECT ()

select **MORE** if you want to create another entry with the same **Name**

Note: You must enter a name and number to use this option.

Complete Phonebook Entry

When you are finished entering information for a phonebook entry:

Press

To

DONE ()

store the entry and return to the phonebook list

Recording a Voice Name For a Phonebook Entry

You can record a voice name when you create a new phonebook entry, or when you edit a previously stored phonebook entry. This lets you use voice dial to call the number without dialing (see “Voice Dial” on page 92).

Your phone can store a total of 20 voice names. (This option is not available for entries stored on a SIM card.)

Tip: Make your voice recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and

speak directly into the phone's microphone in a normal tone of voice.

Find the Feature



> Phonebook

Do This	To
1 Press	scroll to the entry that needs a voice name
2 Press VIEW ()	display the entry's detailed view
3 Press EDIT ()	edit the phonebook entry
4 Press	scroll to Voice Name
5 Press RECORD ()	begin the recording process The phone displays Press Voice key then say name.



Do This

- 6** Press and release the voice key on the right side of your phone and say the entry's name (in two seconds)

To

record the voice name
The phone displays **Press Voice Key then REPEAT name.**



Voice key

- 7** Press the voice key and repeat the name

confirm the voice name
The phone displays **Trained: Voice Name.**

Dialing a Phonebook Entry



You can use the phonebook list, voice dial, speed dial, or one-touch dial to call the numbers stored in your phonebook. To use speed dial, see “Dialing With Speed Dial” on page 41. To use one-touch dial, see “Dialing With One-Touch Dial” on page 42.

Phonebook List

To call a number from the phonebook list:

Find the Feature

 > Phonebook

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

Voice Dial




To call a number using voice dial:

Do This	Result
Press and release the voice key on the right side of your phone and say the entry's name (in two seconds).	Your phone goes to the entry in the phonebook list, plays back the voice name stored with the phonebook entry, waits two seconds, then automatically dials the call.



Editing a Phonebook Entry

Find the Feature  > Phonebook






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

Edit a phonebook entry by following the procedures described in "Storing a Phonebook Entry" on page 87.

Deleting a Phonebook Entry

To delete 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 Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Copying Phonebook Entries to a SIM Card

You can copy one or more entries from your phonebook list to a SIM card. This lets you free up infrequently used speed dial numbers.





Note: The SIM card cannot store **Type** and **Voice Name** data for entries. If you try to copy an entry with a type or voice name to the SIM card, the phone asks you for confirmation before dropping this information and copying the entry.

Copy a Single Entry

To copy a single phonebook entry from your phone to your SIM card:

Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry you want to copy
2 	open the Phonebook Menu
3 	scroll to Copy Entry
4 SELECT ()	select Copy Entry
	The phone displays the Copy To dialog, with the next available speed dial number.






Press	To
5 keypad keys	edit the speed dial number, if necessary Change the speed dial number in the Copy To dialog by entering a new number on the keypad.
6 OK (➤)	approve the copy to the speed dial number The phone displays the Stored notification. You can now delete the old phonebook entry.

Copy Multiple Entries









To copy multiple phonebook entries from your phone to your SIM card:

Find the Feature

 > Phonebook

Press	To
1 	open the Phonebook Menu
2 	scroll to Copy Entries
3 SELECT (➤)	select Copy Entries The phone displays the Copy Entries dialog.
4 	scroll to From (start)
5 CHANGE (➤)	select From (start)

Phonebook

Press	To
6 keypad keys	enter the first (lowest) speed dial number in the range of entries that you want to copy
7 OK ()	store the number and return to the Copy Entries dialog
8 	scroll to From (end)
9 CHANGE ()	select From (end)
10 keypad keys	enter the last (highest) speed dial number in the range of entries that you want to copy
11 OK ()	store the number and return to the Copy Entries dialog
12 	scroll to To
13 CHANGE ()	select To
14 keypad keys	enter the first (lowest) new speed dial number for the entries' new location
15 OK ()	store the number and return to the Copy Entries dialog
16 DONE ()	copy the entries The phone displays the Copied Entries message. You can now delete the old entries.





Checking Phonebook Capacity

You can check your phonebook's capacity to see how many entries you have used and how many more are available. Since you can store phonebook entries on both your phone and your SIM card, you can check either your phone's capacity or your SIM card's capacity. Your phonebook holds 500 entries, and your SIM card holds an additional 255 entries.

To check the phonebook capacity for your phone or SIM card:

Find the Feature

MENU > Phonebook

Press	To
1 MENU	open the Phonebook Menu
2 	scroll to Ph Book Capacity or SIM Capacity
3 SELECT ()	select Ph Book Capacity or SIM Capacity

The phone displays the number of entries that are in use and the number that are empty.

Synchronizing with TrueSync Software



You can synchronize phonebook entries between your phone and computer or hand-held device with TrueSync[®] software, a Motorola accessory product. See the TrueSync user guide for more information.

Setting Up the Phonebook

You can specify the sort order for your phonebook entries and the location of your one-touch dial entries.








Phonebook List Sort Preference

You can set up your phone to sort your phonebook list by speed dial number (the standard), name, or voice dial.

Tip: The voice dial sort is identical to the name sort, except that the entries with voice name tags appear first.

Find the Feature

 > Phonebook

Press	To
1 	open the Phonebook Menu
2 	scroll to Setup
3 SELECT ()	select Setup
4 	scroll to Sort by
5 CHANGE ()	select Sort by
6 	scroll to the entry you want
7 SELECT ()	select the entry you want










One-Touch Dial Preference

Your phone lets you specify whether your one-touch dial entries are located in the phone memory, the fixed dial list, or your SIM card:

Find the Feature

 > Phonebook

Press	To
1 	open the Phonebook Menu
2 	scroll to Setup
3 SELECT ()	select Setup The phone displays the Phonebook Setup form.
4 	scroll to One-Touch Dial
5 CHANGE ()	select One-Touch Dial
6 	scroll to the list you want
7 SELECT ()	select the list you want

Datebook

The datebook is a calendar that lets you schedule and organize events such as appointments and meetings. You can review your schedule of events for the week or by the day, and have the datebook play a reminder alarm for specific events. To schedule or see events:

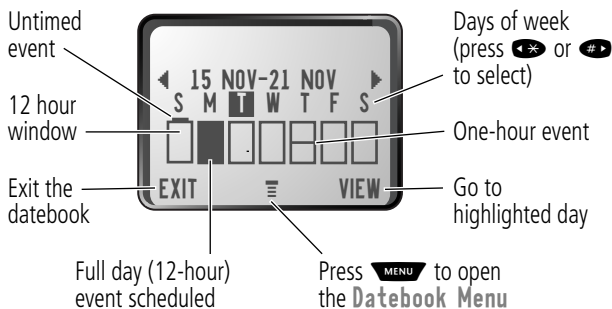
Find the Feature

MENU > Datebook

The datebook is organized by *views*—from the week view, to the day view, to a view of a specific event.

Week View

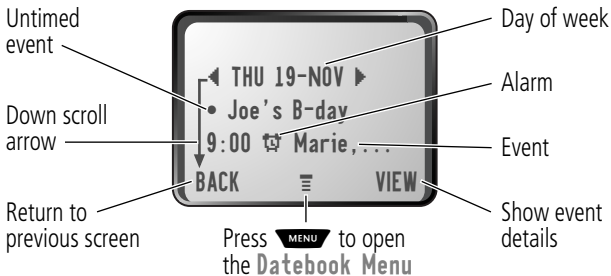
When you open the datebook, your phone displays a calendar for the week. Lines or filled boxes under each day indicate that events have been scheduled.





Day View

Select a day in the week view and press **VIEW** (▶) to see the day's events. You can store, edit, view, copy, and delete any event from the day view.



Event View

Select an event in the day view and press **VIEW** (▶) to open the detailed event view. You can edit, copy, and delete events from the event view.







Storing a New Event

A title is required for a datebook event. All other information is optional.

Find the Feature

 > **Datebook** > *day*
 > **New**

See “Selecting a Feature Option” on page 52 for instructions on scrolling to and selecting options.

Press	To
1 CHANGE ()	select Title
2 keypad keys	enter a title for the event (see “Entering Text” on page 56.)
3 OK ()	store the event title
4 	scroll to other fields and enter information as necessary Other fields let you enter start time, duration, date, repeating events, and reminder alarm.
5 DONE ()	store the new event and return to the day view












Changing Event Information

To change information about an existing event:

Find the Feature

 > Datebook













Press	To
1  or 	scroll to the scheduled event day
2 VIEW ()	display the day view
3 	scroll to the event you want to change
4 VIEW ()	display the event view
5 EDIT ()	edit the event
6 	scroll to the detail you want to change
7 CHANGE ()	edit the information
8 keypad keys	enter the new information
9 DONE ()	store the information and return to the day view

Copying an Event

To copy information from a current event to a new event:

Find the Feature

 > Datebook










Press	To
1  or 	scroll to the scheduled event day
2 VIEW ()	display the day view
3 	scroll to the event to copy
4 	open the Datebook Menu
5 	scroll to Copy
6 SELECT ()	copy the event
7 YES ()	confirm the copy Your phone assumes that you want to change the date, and displays the Date field.
8 keypad keys	enter the date information
9  ()	move to the month, day, and year
10 DONE ()	save the copy of the event
11 DONE ()	return to the day view



Deleting an Event

Find the Feature

MENU > Datebook



Press	To
1  or 	scroll to the scheduled event day
2 VIEW ()	display the day view
3 	scroll to the event to delete
4 MENU ()	open the Datebook Menu
5 	scroll to Delete
6 SELECT ()	select Delete For non-repeating events, go to step 7. For repeating events, the phone displays a delete event menu:
a 	scroll to This Event Only or Repeat Events
b SELECT ()	select the event(s) to delete
7 YES ()	confirm the deletion The phone briefly displays a Deleted: message and returns you to the day view.


Radio



You can use your phone to tune, store presets, and listen to FM radio stations when the optional Motorola Original™ FM radio headset accessory is plugged into the phone's accessory connector port.



Turning the Radio On and Off

Press	To
Radio ()	turn the radio on and off
or	
 > Radio	

Note: The **Radio** () softkey option and **Radio** menu feature are displayed only when the FM radio headset is plugged into the accessory connector port.

Tuning a Station

To tune a radio station with the radio on:

Do This	To
Press 	scroll up or down to the next frequency
or	
Press and hold 	scroll up or down to the next available stereo station



Storing a Preset

When you tune the station that you want to save:

Do This	To
Press and hold a number key (1 to 9)	assign its preset number to the tuned station

Selecting a Preset

To select a preset radio station:

Press	To
a number key (1 to 9)	tune the station stored at that preset location

Sending and Receiving Calls With the Radio On

Your phone interrupts the radio signal and rings or vibrates as usual to notify you of an incoming call, message, or other event. You can use the FM radio headset to converse with the other party during a call.

Turn the radio off before dialing outgoing calls. You do not have to turn off the radio to dial emergency numbers, or numbers selected from your phonebook or other lists.

Messages—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 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

MENU > Messages
MENU > VoiceMail Setup


Press	To
1 keypad keys	enter the phone number for your voicemail
2 OK (➤)	store the number

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays **New VoiceMail** . (Some networks only indicate when you have messages, whether they are new or not.) If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, listen to the message, or turn off your phone. (See “Reminders” on page 133.)



From the new message notification:

Do This	To
Press CALL ()	call your voicemail phone number and listen to the message

Listening to a Voicemail Message

To listen to your voicemail messages 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.

Messages—Text



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 messages, and the number of other messages and drafts stored in your phone.

Setting Up the Text Message Inbox






Find the Feature

MENU > Messages

MENU > Text Msg Setup


Press	To
1 	scroll to Srvce Center No.
2 CHANGE ()	change the Srvce Center No. which is provided by your service provider
3 keypad keys	enter the phone number for the service center that handles your outgoing messages
4 OK ()	store your service center number
5 CHANGE ()	change the Expire After period



Press	To
6 keypad keys	enter the expiration period—the number of days your network tries to send unreceived messages
7 OK (↵)	store the expiration period
8 CHANGE (↵)	change the Reply Type
9 	scroll to the type of replies you want to send
10 SELECT (↵)	store the reply type
11 CHANGE (↵)	change the Cleanup setting
12 	scroll to the period of time that messages stay in your inbox
13 SELECT (↵)	select the cleanup period If you select Custom , continue. Otherwise, the procedure is complete.
14 	change the entry for the number or label
15  * and # 	switch between the number and the label
16 DONE (↵)	store the custom cleanup period after you finish entering all information


Receiving a New Text Message

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 gives an alert. If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, read the message, or turn off your phone. (See “Reminders” on page 133.)

When your inbox is full, any new message replaces the oldest unlocked message.

From the new message notification:

Press	To
READ ()	open the message (or your text message inbox if there are multiple messages)

Reading, Locking, or Deleting a Text Message

You can open your text message inbox to read, lock, or delete messages at any time.









Messages in the text message inbox are sorted from newest to oldest. The oldest messages are deleted as new ones are added.



If you want to save a message, you should lock it to prevent it from being overwritten as new messages are received.

Find the Feature


 > Messages > Text Msgs

Press	To
1 	scroll to the message you want ( = unread and urgent,  = read,  = read and locked)
2 READ ()	open the message
3 SAVE ()	close the message without changes
or	
DELETE ()	delete the message
or	
	open the Text Msg Menu to perform other procedures as described in the following list

The **Text Msg Menu** includes the following options:

Option	Description
Call Back	Call the number in the message header or the message text.
Go To	Go to a Web address (URL) in the message.

Messages—Text




Option	Description
Reply	Open a new text message, with the message's Reply To number in the To field.
Lock/Unlock	Lock or unlock the message.
Delete or Delete All	Delete the message or all inbox messages. Press Yes () to confirm the deletion.
Store Number	Open a new phonebook entry with the message's embedded number in the No. field.
New	Open a new text message form.
Setup	Open the inbox setup menu.

Sending a New Text Message










To create and send a new text message:

Find the Feature

 > Messages > Text Msgs
 > New

Press	To
1 CHANGE ()	select To
2 keypad keys	enter the phone number where you want to send the message
3 OK ()	store the number
4 CHANGE ()	select Msg



Press	To
5 keypad keys	enter the text message (see “Entering Text” on page 56.)
6 OK ()	store the text message
7 CHANGE ()	select Priority
8 	scroll to the priority you want
9 SELECT ()	select the priority you want
10 CHANGE ()	select Call
11 keypad keys	enter the number you want your recipient to call back (the message’s From field)
12 OK ()	store the number
13 DONE ()	finish the message Your phone displays Send Message Now?
14 YES ()	send the message
or	
NO ()	cancel the message or save it as a draft

Viewing the Status of Sent Text Messages

Text messages that you send are stored in the outbox. To view the contents of your outbox:

Find the Feature



> Messages > Outbox

Messages are sorted from newest to oldest.

The following icons indicate message status:

» Sending in progress

✓ Delivered

✕ Sending failed








Shortcuts



Your phone includes several pre-programmed shortcuts. You can create additional shortcuts, if you like, to mark frequently used menu items.

Standard Shortcuts

The following shortcuts are pre-programmed on your phone. You cannot edit or delete these shortcuts.

Do This	To
Press  , then press and hold  (within two seconds)	zoom in/out your phone's display view (See "Changing the Zoom Setting" on page 32.)
Press  	lock/unlock your keypad
Press  	display your phone number
Press 	go to the dialed calls list (See "Recent Calls" on page 78.)

User-Settable Shortcuts




You can create shortcuts to many menu features and applications. A shortcut takes you directly to the menu item, or performs the menu action (if applicable).

Creating a Shortcut





You can assign a keypad shortcut, or both a keypad shortcut *and* a voice shortcut to a menu item.

A voice shortcut lets you go directly to a menu item by saying its shortcut name. Your phone can store a total of five voice shortcuts.



Tip: Make your voice recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone's microphone in a normal tone of voice.

Do This	To
1 Press 	enter the menu system
2 Scroll to the item to which you want to assign a shortcut	highlight the menu item
3 Press and hold 	open the shortcut editor The phone displays: Assign Shortcut for: “ <i>Item</i> ”? where <i>Item</i> is the name of the item you selected.
4 Press YES ()	view shortcut options



Do This	To
<p>5 Press CHANGE ()</p> <p>or</p> <p>Press DONE ()</p> <p>or</p> <p>Press </p>	<p>change the keypad shortcut number, if necessary</p> <p>select the default keypad shortcut number and close the shortcut editor if you do not want to assign a voice shortcut</p> <p>scroll to Voice if you want to assign a voice shortcut</p>
<hr/> <p>6 Press RECORD ()</p>	<p>begin the recording process</p> <p>The phone displays Press Voice key then say voice shortcut.</p> <hr/>

Shortcuts

Do This	To
<p>7 Press and release the voice key on the right side of your phone and say the shortcut's name (in two seconds)</p>	<p>record the shortcut name The phone displays Press Voice key then REPEAT voice shortcut.</p>
 <p data-bbox="439 629 503 691">Voice key</p>	
<p>8 Press and release the voice key and repeat the name</p>	<p>confirm the shortcut name The phone displays Trained: Voice Shortcut</p>
<p>9 Press DONE ()</p>	<p>close the shortcut editor</p>


Using Shortcuts

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



Use a Keypad Shortcut

If you know the shortcut number:

Press	To
1 	open the menu
2 the shortcut's number	go to the menu item, or perform the menu action

Select a Shortcut From the List

To select a shortcut from the shortcut list:

Find the Feature




> **Shortcuts**

> *the shortcut you want*

Use a Voice Shortcut

To use a voice shortcut:

Do This	To
1 Press 	open the menu
2 Press and release the voice key on the right side of your phone and say the shortcut's name (in two seconds)	go to the menu item, or perform the menu action

Voice Notes

The voice note feature lets you record personal messages. You can play back a voice note at any time. There are no pre-recorded voice notes on your phone.

Recording a Voice Note

Your phone can store a total of two minutes of voice note recordings. (That is, the combined recording time of all voice notes cannot exceed two minutes.)

Use this procedure to record a voice note when the idle display is visible.

Tip: Make your voice recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone's microphone in a normal tone of voice.



Do This

Result

- 1 Press and hold the voice key on the right side of your phone for the duration of the recording.

A tone sounds in the earpiece and the phone displays the **Recording Voice Note** message.



Voice key

- 2 Speak your voice message into the phone.

The phone records the message and displays a recording timer.

- 3 Release the voice key to stop recording.

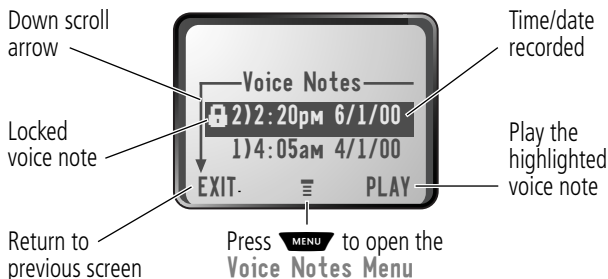
The phone displays the voice notes list number and the total recording time.

Viewing the Voice Notes List

The voice notes list shows all your voice notes along with other important information and features.

Find the Feature

MENU > Voice Notes



New Voice Note appears at the end of the list or by itself if no voice notes are stored. Select **New Voice Note** to view instructions on how to record a new voice note.

Playing a Voice Note

To play a recorded voice note:

Find the Feature

MENU > Voice Notes

Press



To

scroll to the voice note



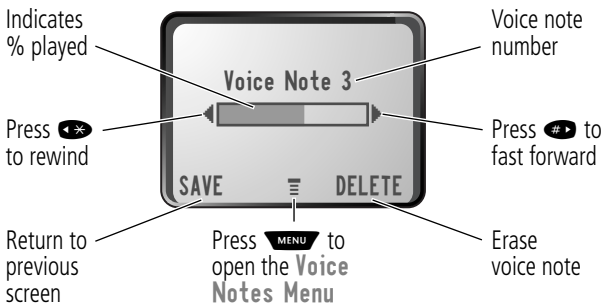
Press	To
2 PLAY (▶)	play the voice note

When a Motorola Original™ headset accessory or FM radio headset accessory is connected to your phone, voice note playback is automatically routed to the headset.

Tip: You can play a voice note while taking a call. It won't be transmitted to the other party.

Playback Screen

While the voice note is playing, the playback screen is displayed.



Voice Note Controls

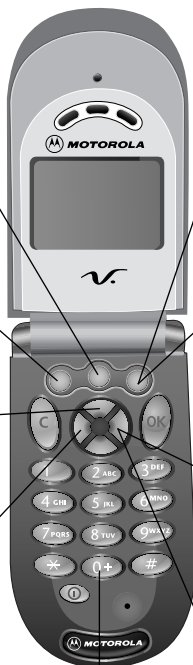
While playing back a voice note, press these keys to do the following:

Stop playback and go to **Voice Notes Menu**.

Stop playback and return to voice notes list.

Press **up/down** to stop playback and scroll to next voice note.

Press **left** to rewind three seconds, resume playing. Press **left and hold** to rewind to the beginning.



If the voice note is unlocked, stop playback and display **Delete Voice Note?**

If the voice note is locked, stop playback and unlock voice note.

Press **right** to fast forward three seconds, resume playing. Press **right and hold** to fast forward to end.

Press any number key to alternately stop and start playback.

When playback is complete, press **right** to restart.







Locking and Unlocking a Voice Note




You can prevent a voice note from being accidentally deleted by locking it. To delete a locked voice note, you must first unlock it.

Find the Feature

 > Voice Notes

Press	To
1 	scroll to the voice note you want to lock or unlock
2 	open the Voice Notes Menu
3 	scroll to Lock or Unlock
4 SELECT ()	lock or unlock the voice note

You can also lock or unlock a voice note while playing it back. When the playback screen is displayed:

Press	To
1 	open the Voice Notes Menu
2 	scroll to Lock or Unlock
3 SELECT ()	lock or unlock the voice note






Playback stops when you lock or unlock a voice note. Press any number key to resume playback.

Deleting a Voice Note


You can delete a single unlocked voice note or all unlocked voice notes. To delete a locked voice note, you must first unlock it. See “Locking and Unlocking a Voice Note” on page 127.

Find the Feature

 > Voice Notes

Press	To
1 	scroll to the voice note you want to delete
2 	open the Voice Notes Menu
3 	scroll to Delete or Delete All
4 SELECT ()	select the highlighted option The phone displays Delete Voice Note X? , or Delete All Voice Notes?
5 YES ()	delete the selected voice note, or delete all voice notes

Notes:

- You can always press **NO** () to cancel deletion.
- A deleted voice note cannot be recovered.



Micro-Browser



The micro-browser lets you access Web pages and on your phone. Contact your service provider to set up access, if necessary.



Starting a Micro-Browser Session


To open the micro-browser:

Find the Feature

 > **Browser**

The micro-browser displays the home page set up by your service provider.








Press	To
1 	scroll to a bookmark or service
2 SELECT ()	select the service

Shortcut: If you open a text message with a Web address (URL) in it, you can go directly to the URL by selecting  > **Go To**.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

You can perform the following operations on a Web page:

Do This	To
Press 	scroll through a text message
Press  and then SELECT ()	scroll through and select items in a list
Press keypad keys and then OK ()	enter requested information
Press  to scroll to a phone number on a Web page, then press 	call the number from the micro-browser
Press 	go back to the previous Web page


Adjusting Your Settings




You can adjust a wide variety of phone settings to suit your needs.


Ring/Vibrate

Your phone rings or vibrates to notify you of an incoming call, message, or other event. This ring or vibration is called an *alert*. You can use a standard alert for all events, or set different alert types for different events. The alert setting indicator in your display shows the current standard alert setting:

 Loud ring

 Soft ring

 Vibrate



 Ring and vibrate

 Silent

Select a Ring/Vibration for All Events

Find the Feature

 > Settings > Ring/Vibrate
> Alert

Press	To
1 	scroll to the alert you want to use
2 SELECT ()	select the alert The phone displays the Changed: Alert message.





Select a Ring/Vibration for a Specific Event

You can select the alert that your phone uses for a specific event (such as an incoming call) from 32 different preset tones and vibrations. When you select a ring or vibration alert for a *specific* event, it overrides the default alert set for *all* events.

Tip: This feature also lets you set the ringer volume and keypad volume.

Find the Feature

 > Settings > Ring/Vibrate
> Alert Detail

Press	To
1 	scroll to the event for which you want to set a new alert
2 CHANGE ()	select the event The phone displays the list of available alerts.
3 	scroll to the alert you want for the event
4 SELECT ()	select the alert The phone displays the Changed: <i>Event Alert</i> message.





Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message that you have received, or a datebook event that you have scheduled.

To set or turn off reminders:

Find the Feature

MENU > **Settings** > **Ring/Vibrate**
> **Alert Detail** > **Reminders**

Press	To
1 	scroll to the reminder alert you want: Beep , Vibrate , or Off Beep or Vibrate sets the corresponding reminder alert type. Off turns off all reminders.
2 SELECT ()	select the reminder alert

Call Forwarding



Call forwarding sends your phone's incoming voice, fax, and/or data calls directly to another phone number. Use call forwarding options to specify which calls your phone should forward. When you are ready to accept calls on your phone again, you can turn off call forwarding.

Adjusting Your Settings







Set Up or Cancel Call Forwarding

The call forwarding options for voice, fax, or data calls are:

All Calls	forwards all calls
If Unavailable	forwards calls if your phone is unavailable
Detailed	uses different forwarding numbers if you are out of range, unable to answer, or busy (<i>voice calls only</i>)
Off	does not forward calls

Find the Feature

 > **Settings** > **Call Forward**

Press	To
1 	scroll to the type of calls you want to forward (Cancel All cancels all call forwarding and ends the procedure.)
2 SELECT ()	open the call forward details for that call type
3 	scroll to Forward
4 CHANGE ()	change the Forward option
5 	scroll to the call forward option you want
6 SELECT ()	store the option



Press	To
7	scroll to To (same for If Busy , If No Answer , or If Unreachable)
8 CHANGE ()	change the phone number
9 keypad keys or BROWSE ()	enter the forwarding phone number browse through your phonebook or other lists for the forwarding phone number
10 OK ()	store the forwarding phone number

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

Check Call Forwarding Status

Your network may store call forwarding status for you. If you change your phone's call forward settings (see "Set Up or Cancel Call Forwarding" on page 134), then you should confirm that the network call forward status matches your preferences.

Find the Feature

> **Settings** > **Call Forward**
> **Forward Status**

Press	To
1	scroll to Voice , Fax , or Data calls
2 View ()	confirm that the network settings are correct





Adjusting Your Settings

Reordering Menu Items



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

Find the Feature

MENU > Settings
> Other Settings
> Personalize > Main Menu



Press	To
1 	scroll to the menu item you want to move
2 GRAB ()	grab the menu item you want to move
3 	move the item up or down the menu
4 INSERT ()	insert the item in the new location

Customizing a Soft Key Function

You can relabel the soft keys ( and ) and the smart key to access different main menu items from the idle display.

Find the Feature

MENU > Settings
> Other Settings
> Personalize > Keys

Press	To
1 	scroll to Left , Right , or Smart
2 CHANGE ()	open the key editor



Press	To
3	scroll to the new key function
4 CHANGE ()	confirm the new function
	The key will have the new function whenever the phone is idle.

Hands-Free Use



You can purchase an optional Motorola Original™ hands-free car kit or headset for your phone. These accessories provide alternative ways for you to use your phone 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.

Automatic Answer





When you activate automatic answer and connect your phone to a car kit or headset, your phone automatically answers calls after two rings.

Find the Feature

> Settings
> Other Settings

Press	To
1	scroll to Car Settings or Headset
2 SELECT ()	select the feature

Adjusting Your Settings



Press	To
3 	scroll to Auto Answer
4 CHANGE ()	select Auto Answer
5 	scroll to On or Off
6 SELECT ()	confirm the setting

Automatic Hands-Free

You can set up your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature

-  > **Settings**
- > **Other Settings**
- > **Car Settings**
- > **Auto Handsfree**

Press	To
1 	scroll to On or Off
2 SELECT ()	confirm the setting





Power-Off Delay

When your phone is connected to a car kit, you can set it to stay on for a specified time period after you switch off the ignition. This keeps your phone from draining your vehicle battery by staying on indefinitely, but leaves your phone on long enough that you do not have to re-enter your unlock code when you make short stops.

Find the Feature

 > Settings
> Other Settings
> Car Settings
> Power-Off Delay


Press	To
1 	scroll to the time delay option you want
2 SELECT 	confirm your selection



Caution: If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to accidentally drain your vehicle battery if you select this option.

Charger Time

When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Find the Feature

-  > Settings
- > Other Settings
- > Car Settings
- > Charger Time

Press	To
1 	scroll to the charge time option you want
2 SELECT ()	confirm your selection



Data and Fax Calls



A Motorola Original™ data kit lets you transfer data between your phone and a computer or other external device. You can:

- synchronize data between your phone and an external device with TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.
- use your phone as a wireless modem to connect to the Internet
- use your phone to send and receive data and fax calls on your computer or hand-held device.

More information about Motorola Original data kits is available at:

<http://www.motorola.com/dataaccessories>.

Connecting Your Phone to an External Device

Connect your phone to an external device (such as a computer or hand-held device) using a serial cable or a USB cable.

Set Up a Cable Connection

Attach a serial cable or Motorola Original USB cable to the phone and external device as follows.

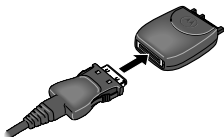
Note: Check your computer or hand-held device to determine the type of cable you need.

Attaching a Serial Cable

Use the interchangeable head on the Motorola Multi-Connect Serial Cable to connect a computer, Palm III device, or Palm V device to your phone.

Do This

- 1 Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.



- 2 With the Motorola logo and the phone both facing you, plug the detachable head into your phone's accessory connector port.



- 3 Plug the other end of the cable into the serial interface connection on the external device and tighten the screws.



Attaching a USB Cable

Do This

- 1 Plug the end of the cable with the Motorola logo into your phone's accessory connector port. Make sure that the logo and the phone are both facing you.



- 2 Plug the other end—the USB connection—into the USB port on the external device.

Install the Software

Install the software from the CD-ROM that comes with your Motorola Original data kit. See the data kit's user guide for more information.

Sending a Data or Fax Call

You can connect your phone to a computer or hand-held device to send data or a fax from the connected device.

Use this feature to transfer data from your computer onto another device, and to synchronize phonebook and datebook information between your phone, computer, and/or hand-held device.

Data and Fax Calls

Connect your phone (see “Connecting Your Phone to an External Device” on page 141) and do the following:

Do This	To
1 Check the phone	make sure that the phone is connected and powered on
2 Open the application on your computer	place the call through the application (such as dial-up-networking or fax) Note: You cannot dial data or fax numbers through your phone’s keypad. You must dial them through your computer.
3 End the transfer on your computer	close the call and connection when the transfer is complete

Receiving a Data or Fax Call

You can connect your phone to a computer or hand-held device to receive data or a fax.

Use this feature to transfer data to your computer from another device.




Set Up Your Phone

Before you receive a data or fax call, you must configure your phone for the incoming call type and connect the phone to the device that will receive the call.



Find the Feature

MENU > Settings > Connection
> Incoming Call

Do This	To
1 Press CHANGE ()	select the Next Call menu option
2 Press 	scroll to Data In Only or Fax In Only Selecting either of these options mutes the earpiece and routes the next incoming call to the connected device.
3 Press SELECT ()	set the format for the next incoming call
4 Connect your phone to the device	enable the data or fax transfer (See "Connecting Your Phone to an External Device" on page 141.)

Note: You cannot answer incoming voice calls when your phone is in data or fax mode. Any voice calls you receive are treated as unanswered calls. You must reset your phone to voice mode to return these calls. See "Reset Normal Voice Operation" on page 146 and "Returning an Unanswered Call" on page 38.

Transfer the Data or Fax

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. You must use the application running on the connected device to answer the call.

End the Data/Fax Connection

When the data or fax transfer is complete:




Do This	To
End the call from the connected device	close the connection

Reset Normal Voice Operation

After you receive a data or fax call, you *must* reset your phone to resume normal voice operations. You cannot receive voice calls when your phone is in data or fax mode.

Find the Feature

 > **Settings** > **Connection**
> **Incoming Call**

Do This	To
1 Press CHANGE ()	select the Next Call menu option
2 Press 	scroll to Normal
3 Press SELECT ()	reset your phone to make and receive regular voice calls







Your phone also reverts to normal voice operations when you turn it off and then turn it back on.

Sending a Talk then Data or Talk then Fax Call

You can place a call where you talk and then send data or a fax to the same phone number within the same call.

Connect to the device that will send the data or fax (see “Connecting Your Phone to an External Device” on page 141) and do the following:

Press	To
1 keypad keys	enter the phone number for the call
2 	open the Dialing Menu
3 	scroll to Talk Then Data or Talk Then Fax
4 SELECT ()	select Talk Then Data or Talk Then Fax (for the next call only)
5 	dial the call Speak and, when ready, initiate the data or fax transfer on the connected device. When transfer is complete, end the call from the connected machine.

Security

Assigning a New Code or Password

Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000 at the factory. 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 four digits, and the security code must contain six digits. Be sure to make a note of the new numbers.

Notes:

- Your service provider may retain your phone's security code for customer service purposes. In this case, you will not be able to use phone features that require you to enter the security code (such as master clear, master reset, and the unlock code bypass feature).
- If the only password you can change is the unlock code, the **New Passwords** menu is unavailable and the **Unlock Code** option appears on the **Phone Lock** menu. In this case, open the unlock code editor by selecting: **MENU** > **Settings** > **Security** > **Phone Lock** > **Unlock Code**.








To change a code or password:

Find the Feature



> Settings > Security
> New Passwords



Press	To
1 	scroll to the code or password you want to change
2 CHANGE ()	select the code or password
3 keypad keys	enter your old code If you do not know your code, see "If You Forget a Code or Password" on page 149.
4 OK ()	submit your old code
5 keypad keys	enter the new code
6 OK ()	assign the new code
7 keypad keys	re-enter the new code
8 OK ()	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.

Security

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following when you see the **Enter UnLock Code** message:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 	submit your security code

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 asks you to 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 “Dialing an Emergency Number When the Phone is Locked” on page 39.

Lock Your Phone Manually

Find the Feature

 > Settings > Security
> Phone Lock > Lock Now

Press	To
1 keypad keys	enter your four-digit unlock code
2 	lock the phone



Set Your Phone to Lock Automatically

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

Find the Feature

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

Press	To
1 keypad keys	enter your four-digit unlock code
2 OK (➤)	set the phone to lock automatically



Unlock Your Phone

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your four-digit unlock code The unlock code is originally set to 1234. If necessary, see “If You Forget a Code or Password” on page 149.
2 OK (➤)	unlock your phone

Locking and Unlocking Your Keypad

You can lock your phone keypad to prevent accidental use. This feature is useful in situations where an accidental keypress might inadvertently dial an emergency number or one-touch dial number (for example, when carrying your phone in a purse or pocket).

Press	To
 	lock or unlock your keypad

Note: Incoming calls and messages unlock the keypad.




Barring Calls





Call barring lets you restrict outgoing or incoming calls.

Find the Feature

 > Settings > Security
> Call Barring

Press	To
1 keypad keys	enter your call barring password
2 	submit your password
3 	scroll to Outgoing or Incoming calls
4 CHANGE ()	select barring for Outgoing or Incoming calls






Press	To
5 	scroll to a restriction for the barred calls
6 SELECT ()	select the restriction for the barred calls

Protecting the SIM Card

When the SIM PIN feature is activated, you must enter your PIN each time you turn on the phone or insert a SIM card.








Find the Feature

 > Settings > Security
> SIM PIN

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

Troubleshooting

Check these questions first if you have problems with your phone:

Question	Answer
Is your phone set up correctly?	Press   . If you do not see your phone number, contact your service provider.
Is your battery charged? Do you see  in the display?	The battery level indicator should have at least one segment showing (). If it does not, recharge your battery. (See "Charging the Battery" on page 25 and "Battery Use" on page 35.)
Does the handset have a signal? Do you see  in the display?	The signal strength indicator should have at least one segment showing (). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.
Is the other party unable to hear you?	Your phone may be muted. Press UNMUTE () if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.





Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	


The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See "If You Forget a Code or Password" on page 149.
I pressed the power key, but nothing happened.	Be sure to press and hold Ⓟ until the display appears and you hear an audible alert (this could take a couple of seconds). If nothing happens, check that a charged battery is installed. (See "Installing the Battery" on page 24.)


Troubleshooting

Problem	Solution
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last four digits of your phone number. (See "Locking and Unlocking Your Phone" on page 150.) If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you own the phone but do not know the unlock code, see "If You Forget a Code or Password" on page 149.
My phone does not ring.	If you see  or  in the display, then the ringer is turned off. See "Ring/Vibrate" on page 131.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display says Ready before making a call.



Problem	Solution
I cannot send/receive calls.	<p>Make sure that you have a phone signal (see the “Signal Strength Indicator” item on page 30). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.</p> <p>Your phone also may have the Call Barring feature turned on. If you know the unlock code, you can change this setting in the security menu ( > Settings > Security).</p> <p>Also, check to be sure your SIM card is installed and working.</p>
My phone has poor reception and drops calls.	<p>Make sure that your antenna is not bent or damaged.</p> <p>Also, make sure you have a phone signal (see the “Signal Strength Indicator” item on page 30). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.</p>


Troubleshooting

Problem	Solution
I cannot hear others on my phone.	<p>While on a call, press the upper volume key on the left side of your phone. Your phone display should show the volume increasing.</p> <p>Also, make sure that your phone's earpiece is not blocked by its carrying case.</p>
I cannot open my inbox.	<p>Before you can use text or information services messages, you must set up the appropriate inbox. See "Setting Up the Text Message Inbox" on page 110.</p>
How do I see the calls I sent or received?	<p>To see the most recent calls you dialed or received, open the "Recent Calls" lists:</p> <p> > Recent Calls > Received Calls or Dialed Calls</p>
My phone's display is too dark.	<p>You can use the Contrast Setting feature (see page 69) to change the level of contrast in your phone display.</p> <p>You can also use the Backlight feature (see page 69) to change the length of time that your phone's backlight display stays on.</p>



Problem	Solution
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. For tips on extending your battery life, see "Battery Use" on page 35.
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) away from your mouth, and speak directly into your phone's microphone in a normal tone of voice.
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	<p>The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer.</p> <p>Finally, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, and your computer will automatically activate the port.</p>

Troubleshooting

Problem	Solution
My phone beeped when I attached the data cable, but my fax and data applications don't work.	<p>Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.</p> <p>Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.</p>
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	<p>19200 Kbps is the data transfer rate of the connection between your computer and the phone. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps.</p>
I can't end my data call by closing the application on my computer. What can I do?	<p>Try pressing  on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.</p>
I launched the micro-browser but the display says: Service Not Available.	<p>You may be in an area without service, or you may be connected to a network that does not support Internet access.</p>



Problem	Solution
I launched the micro-browser but the display says: Data Server Unavailable.	Try again in a few minutes. The servers may be temporarily busy.
















Programming Instructions

Follow this procedure if you need to program your phone's phone number.

Note: Programming is normally done by a trained technician at the site of purchase. Users should not make changes other than ones in the following procedure.

Before programming, ask your service provider for your:

- 10-digit MIN (Mobile Identification Number)
- 8- to 15-digit IMSI (International Mobile Service Identifier)
- 8- to 15-digit MDN (Mobile Directory Number)

Do This	To
1 Press         (These keys spell P-H-O-N-E +   ).	open the user activation menu
2 Press SELECT ()	select NAM1
3 Press the keypad keys for the 10-digit MIN	open the MIN display and enter the new MIN
4 Press OK ()	store the new MIN
5 Similarly, enter appropriate numbers for the IMSI and MDN	
6 Press DONE ()	close the NAM1 list
7 Press BACK ()	close the user activation menu

Specific Absorption Rate Data

This model 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 the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. 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 and 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 is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions specified by the FCC 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 antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is _____,² and when worn on the body, as described in this user guide, is _____.² (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of:

<http://www.fcc.gov/oet/fccid>

after searching on FCC ID _____.

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 reported to the FCC includes the FCC-accepted Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

***The U.S. Food and Drug
Administration's Center for Devices
and Radiological Health Consumer
Update on Mobile Phones***



FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results

obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

- 1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the

National Cancer Institute is expected to bear on the accuracy and repeatability of these results.¹

- 2 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.²

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- 1 Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they

performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.³

- 2 In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used.

Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.⁴

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S.

population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people

are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package
- a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radio frequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following Web sites:

Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"):

<http://www.fcc.gov/oet/rfsafety>

World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As):

<http://www.who.int/emf>

United Kingdom, National Radiological Protection Board:

<http://www.nrpb.org.uk>

Cellular Telecommunications Industry Association (CTIA):

<http://www.wow-com.com>

U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/>

1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.
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3. Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. *Int. J. Radiat. Biol.*, April 8, 1999.
4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

Warranty

Limited Warranty for Motorola Personal Communications Products Purchased in the United States and Canada

I. What This Warranty Covers

- Products. Defects in materials and workmanship in wireless cellular telephones, pagers, and/or two-way radios, and certain accessories that are sold with them, such as the battery, battery charger and holster manufactured and/or sold by Motorola (Products).
- Batteries. Defects in materials and workmanship in batteries that are manufactured by Motorola and/or sold with Products are covered by this warranty only if the fully-charged capacity falls below 80% of rated capacity or they leak.
- Software. Physical defects in the media that tangibly embodies each copy of any software supplied with the Products.

II. What the Period of Coverage Is

From the date the Products are purchased by the first end-user:

- Products. The warranty is for one year. Exception: The warranty for Spirit GT series and Talkabout series two-way radio accessories is for 90 days.
- Software. The warranty is for 90 days.
- Repairs/Replacements. The warranty is for the balance of the original warranty or for 90 days from the date you receive it, whichever is longer.

III. Who is Covered

This warranty extends to the first end-user purchaser, only.

IV. What We Will Do to Correct Warranty Problems

At no charge to you, we have the option to repair or replace the Products or software that do not conform to the warranty, or to refund the Products' purchase price. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products or parts. No software updates are provided.

V. How to Get Warranty Service

Please call:

USA

Cellular 1-800-331-6456

Paging 1-800-548-9954

Two-Way 1-800-353-2729

TTY (Text Telephone) 1-888-390-6456

Warranty

Canada

All Products 1-800-461-4575

TTY (Text Telephone) 1-888-390-6456

You will receive instructions on how to ship the Products to Motorola. You must ship the Products to us with freight, duties and insurance prepaid. Along with the Products 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 this Product requires subscription service); (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number. If requested, you must also return all detachable parts such as antennas, batteries and chargers. **RETAIN YOUR ORIGINAL PROOF OF PURCHASE.**

We will ship repaired or replacement Products at our expense for the freight and insurance, but at your expense for any duties. If additional information is needed, please contact us at the telephone number listed above.

VI. What This Warranty Does Not Cover

- Products that are operated in combination with ancillary or peripheral equipment or software not furnished by Motorola for use with the Products (“ancillary equipment”), or any damage to the Products or ancillary equipment as a result of such use. Among other things, “ancillary equipment” includes batteries, chargers, adaptors, and power supplies not manufactured or supplied by Motorola. Any of these voids the warranty.

Warranty

- Someone other than Motorola (or its authorized service centers) tests, adjusts, installs, maintains, alters, modifies or services the Products in any way. Any of these voids the warranty.
- Rechargeable batteries that: (a) are charged by other than the Motorola-approved battery charger specified for charging such batteries; (b) have any broken seals or show evidence of tampering; (c) are used in equipment other than the Product for which they are specified; or (d) are charged and stored at temperatures greater than 60 degrees centigrade. Any of these voids the warranty.
- Products that have: (a) serial numbers or date tags that have been removed, altered or obliterated; (b) board serial numbers that do not match each other, or board serial numbers that do not match the housing; or (c) nonconforming or non-Motorola housings or parts. Any of these voids the warranty.
- Defects or damage that result from: (a) use of the Products in a manner that is not normal or customary; (b) improper operation or misuse; (c) accident or neglect such as dropping the Products onto hard surfaces; (d) contact with water, rain, extreme humidity or heavy perspiration; (e) contact with sand, dirt or the like; or (f) contact with extreme heat, or spills of food or liquid.
- Physical damage to the surface of the Products, including scratches, cracks or other damage to a display screen, lens or other externally exposed parts.

Warranty

- Failure of Products that is due primarily to any communication service or signal you may subscribe to or use with the Products.
- Coil cords that are stretched or that have any broken modular tabs.
- Products that are leased.

Flat-rate repair rates may apply to Products not covered by this warranty. To obtain information about Products needing repairs that are not covered by this warranty, please call the telephone number previously listed. We will provide information on repair availability, rates, methods of payment, where to send the Products, etc.

VII. Some Other Limitations

This is Motorola's complete warranty for the Products, and states your exclusive remedies. This warranty is given in lieu of all other express warranties. Implied warranties, including without limitation, the implied warranties of merchantability and fitness for a particular purpose, are given only if specifically required by applicable law. Otherwise, they are specifically excluded.

No warranty is made as to coverage, availability, or grade of service provided by the Products, whether through a service provider or otherwise.

No warranty is made that the software will meet your requirements or will work in combination with any hardware or applications software products provided

Warranty

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.

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, 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, or other financial loss arising out of or in connection with the ability or inability to use the Products, to the full extent these damages may be disclaimed by law.

VIII. Patent and Software Provisions

At Motorola's expense, we will defend you, and pay costs and damages that may be finally awarded against you, to the extent that a lawsuit is based on a claim that the Products directly infringe a United States patent. Our obligation is conditioned on: (a) you notifying us promptly in writing when you receive notice of the claim; (b) you giving us sole control of the defense of the suit and all negotiations for its settlement or compromise; and (c) should the Products become, or in Motorola's opinion be likely to become, the subject of a claim of infringement of a United States patent, you permit us, at our option and expense, either to: procure for you the right to continue using the Products; replace or modify them so that they become non-infringing; or grant you a credit for such Products, as depreciated, and accept their return. The depreciation will be an equal amount per year over the lifetime of the Products, as established by Motorola.

Warranty

Motorola will have no liability to you with respect to any claim of patent infringement that is based upon the combination of the Products or parts furnished under this limited warranty with ancillary equipment, as defined in VI., above.

This is Motorola's entire liability with respect to infringement of patents by the Products.

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

IX. State Law and Other Jurisdiction Rights

Some states and other jurisdictions do not allow the exclusion or limitation 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, which vary from jurisdiction to jurisdiction.

To obtain information on Motorola Personal Communications Products, including warranty service, accessories and optional Extended Warranties on selected Products, please call:

Warranty

USA

Cellular	1-800-331-6456
Paging	1-800-548-9954
Two-Way	1-800-353-2729
TTY (Text Telephone)	1-888-390-6456

Canada

All Products	1-800-461-4575
TTY (Text Telephone)	1-888-390-6456

To correspond with Motorola about the Products, please write us at <http://www.motorola.com> or at:

In the USA:

Motorola, Inc.
600 North U.S. Highway 45
Libertyville, IL 60048

In Canada:

Motorola Canada Limited
5875 Whittle Road
Mississauga, ON L4Z 2H4

Patent Information

Manufactured under one or more of the following U.S. patents:

4291475	4616314	4797947	4890199	4977589	5036532
4302845	4617520	4798975	4896124	4977616	5038253
4312074	4628529	4802236	4896361	4979207	5040127
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5809020	5848356	5889737	5933330	5995050	D289156
5809419	5848718	5889768	5936516	5996178	D292578

D292920	D315330	D339581	D348665	D358148	D374227
D295627	D315346	D339582	D348666	D359052	D374424
D295973	D315543	D340709	D348668	D359734	D374872
D295975	D315559	D340710	D348674	D359735	D375732
D296187	D315565	D340711	D348880	D359959	D375733
D297734	D315907	D340906	D349273	D360398	D375734
D297735	D316417	D341589	D349701	D360632	D375932
D297736	D316859	D342248	D350113	D361070	D375935
D299136	D320780	D342663	D350348	D361763	D375952
D299137	D322783	D342729	D350349	D362840	D376127
D299232	D324024	D342730	D350350	D362852	D377792
D300742	D324388	D342741	D351375	D365094	D377934
D300827	D325028	D343173	D351840	D365817	D378366
D301473	D325029	D343615	D352497	D366872	D378911
D301476	D325032	D343616	D352503	D367640	D379558
D301883	D325583	D343834	D352946	D368479	D379624
D302015	D325915	D343835	D353131	D368696	D379981
D303656	D327061	D343836	D353361	D369162	D379982
D304189	D327062	D344087	D353587	D369359	D380468
D305427	D328302	D344271	D353588	D369797	D380751
D305717	D332261	D344444	D353591	D370016	D381021
D306015	D332785	D344511	D354055	D370463	D381664
D306163	D334746	D344512	D354062	D370672	D382537
D306293	D337332	D344945	D355181	D372237	D382538
D306299	D338012	D345977	D355895	D372481	D382872
D306441	D338887	D346785	D356084	D372703	D383115
D306583	D339127	D346786	D356309	D372896	D383748
D306594	D339335	D346798	D357224	D372919	D383749
D307271	D339336	D348071	D357249	D373585	D383759
D309301	D339337	D348250	D357457	D373764	D384080
D309451	D339564	D348427	D357680	D374013	D384662
D314173	D339578	D348470	D357681	D374014	D384951

D384952	D388081	D393470	D400204	D407685	D412000
D385271	D388082	D394256	D400209	D407708	D412487
D385283	D388424	D394423	D400496	D408401	D412709
D385555	D388429	D394425	D400526	D408402	D413893
D385873	D388430	D394433	D400527	D408418	D413898
D385874	D388775	D394438	D400874	D408783	D414159
D385875	D388783	D394439	D401554	D408815	D415122
D385877	D388793	D395301	D401929	D409186	D415499
D385888	D389157	D395302	D403265	D410459	D416226
D386175	D389476	D395431	D404397	D410460	D417224
D386494	D389478	D395642	D405080	D410929	D417449
D386757	D389488	D395875	D405782	D411165	D419155
D387054	D389641	D396472	D405801	D411196	D419290
D387055	D390221	D397337	D406098	D411202	D419565
D387199	D390222	D397689	D406191	D411204	PAT022500
D387346	D390509	D397694	D406586	D411507	
D388078	D391567	D398926	D406695	D411535	
D388079	D391955	D400161	D406812	D411843	
D388080	D391966	D400165	D407063	D411844	

Other patents pending.

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MOTOROLA

Wireless Phone Safety Tips

“Safety is your most important call!”

Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

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



- 3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.
- 8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.*



- 9 Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.*
- 10 Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.



For more information,
please call
1-888-901-SAFE
or visit the
CTIA Web site at
www.wow-com.comTM

