INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V551 GSM wireless phone.

Headphone Connector

Menu Key

5-Way Navigation Key
Scroll to items.

Left Soft Key
Perform function in lower left display.

Right Soft Key
Perform function in lower right display.

Browser Key

Volume Keys

Voice Key

Smart Key

Camera Key

Send Key
Make & answer calls.

Power & End Key
Turn phone on/off, end calls, exit menu system.

Accessory Connector

Contents

Getting Started

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

About This Guide

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

To obtain another copy of this guide, see the Motorola Web site at:

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

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

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

Optional Features

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

6

Optional Accessories

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

Installing the SIM Card

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

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.
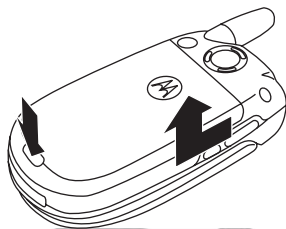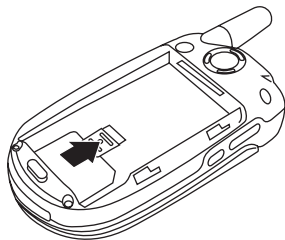
1   **2**
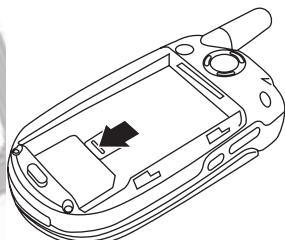
3   **4**

Battery Tips

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

- Always use Motorola Original batteries and battery chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

- New batteries or batteries stored for a long time may take more time to charge.

8

- When charging your battery, keep it near room temperature.

- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

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

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

Installing the Battery

™ Your phone is designed to use only Motorola Original batteries and accessories.

9
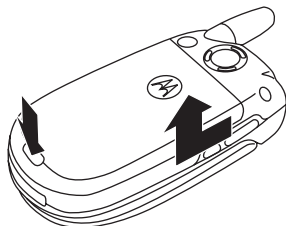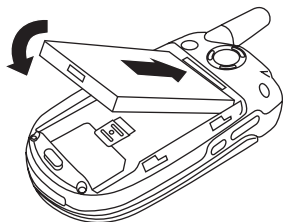
1　　　　**2**
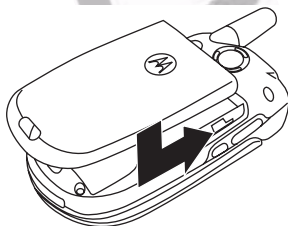
3

Charging the Battery

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

Action

1 Plug the travel
charger into the
bottom of your
phone.
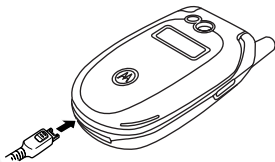
2 Plug the other end of the travel charger into the
appropriate electrical outlet.

3 When your phone indicates **Charge Complete**, remove
the travel charger.

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

Turning Your Phone On

Action

1 Press and hold ☐
for 2 seconds to
turn on the phone.   **Power Key**

2 If necessary, enter your SIM card PIN code and
press the **OK** key to unlock the SIM card.

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

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

Adjusting Volume

Press up or down on
volume keys to:

Volume Keys

- increase or decrease
  earpiece volume
  during a call

- turn off an incoming call alert

- increase or decrease the ringer volume setting when
  the home screen is visible

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

Making a Call

Press		To
1	keypad keys	dial the phone number
2	📞	make the call
3	📵	end the call and "hang up" the phone when are finished

Answering a Call

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

Press		To
1	🔕	answer the call
2	☎	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

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

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

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 47. If you do not know your phone number, contact your service provider.

Highlight Features

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

Taking and Sending a Photo

Press ⬛ to display the camera viewfinder:

Press ⬧Ọ̈⬧ up or down to zoom in or out.

IMAGE AREA

Remaining Memory

Press ⬧Ọ̈⬧ left or right to change brightness.

Photo Viewfinder
Memory Used:70%

BACK   ≡   CAPTURE
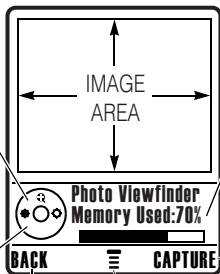
Take a photo.

Press 📖 to open Pictures menu.

Return to previous screen.

Point the camera lens at the photo subject, then:

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

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

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

Recording Video Clips

To record a video on your phone:

The active viewfinder image displays.

Press ·Ọ·
up or down to
zoom in or out.

Remaining
Memory

VIDEO
CLIP
AREA

Press ·Ọ·
left or right to
change
brightness.
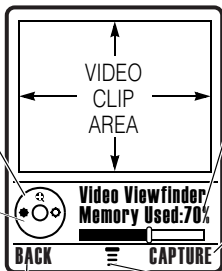
Start or stop
video
capture.

Video Viewfinder
Memory Used:70%

BACK   ☰   CAPTURE

Return to previous
screen.

Press 🔲 to open
Video Menu.

Note: You can only zoom before you start recording.

Point the camera lens at the video subject, then:

Press	**To**
1 **CAPTURE** key	start the video
2 **STOP** key	stop the video

Press		To
3	**STORE** key	view storage options
		If you choose to store the video, continue to step 4.
	or	
	DISCARD key	delete the video and return to active viewfinder
4	·Ȯ· up or down	scroll to **Send** or **Store Only**
5	**SELECT** key	select the option

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

Option	Description
Go To Videos	View videos stored on your phone.
Videos Setup	Open the setup menu to adjust picture and video settings. If you want to send MMS messages with videos, you might need to set a shorter video length. If necessary, ask your service provider about the network limitations for video messages.
View Free Space	See how much memory remains.

Sending a Multimedia Message

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

	Press	To
1	keypad keys	enter slide text
2	$\boxed{\Xi}$	open the **MMS Menu**
3	$\cdot\dot{Q}\cdot$	scroll to **Insert**
4	**SELECT** key	display a list of items you can insert
5	$\cdot\dot{Q}\cdot$	scroll to a type of object to insert
6	**SELECT** key	select the object type
7	$\cdot\dot{Q}\cdot$	highlight the object you want
8	**SELECT** key	insert the object
		To add another slide to the message, continue.
		To send the message, go to step 14.
9	$\boxed{\Xi}$	open the **MMS Menu** to insert a new slide

Highlight Features

18

Press	To
10 ·Ò·	scroll to **Insert**
11 SELECT key	display a list of items you can insert
12 ·Ò·	scroll to **New Page**
13 SELECT key	insert a new slide after the current slide
	Repeat steps 1 to 8 to enter contents for the new slide.
14 OK key	store the message
15 ·Ò·	scroll to a **Send To** option:
	• Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
	• Highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook.
	• Or highlight an existing phonebook entry.
16 SELECT key	select [**One Time Entry**] or [**New Phonebook Entry**] and enter a number/address
or	
ADD key	add a phonebook entry to the list of recipients
17 DONE key	store the numbers/addresses

Press	To
18 ·Ò·	scroll to **Subject**
19 **CHANGE** key	select **Subject**
20 keypad keys	enter the subject
21 **OK** key	store the subject
22 **SEND** key	send the message

Receiving a Multimedia Message

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

Press	To
READ key	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.

Highlight Features

20

- A sound file or video clip begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

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

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

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 70.

Storing a Phone Number

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

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

Recording a Voice Name

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

press and release the voice key and repeat the name. Press the **DONE** key to store the voice name.

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

Storing a Picture for Caller ID

You can store a picture for a phonebook entry. The picture appears when you receive calls from the entry.

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

When creating a phonebook entry, scroll to **Picture** and press the **CHANGE** key. Press ·Ô· to select a picture, and press the **SELECT** key to store it for the entry.

Dialing a Number

Press 〓 > **Phonebook** > *entry to call* 〔ⓒ〕.

Tip: To quickly highlight entries in your **Phonebook** list: If your entries are sorted by Speed No., press an entry's speed number to highlight it. For example, press 〔1〕 〔5〕 for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press 〔5〕 〔5〕 for the first entry that starts with "K".

Voice Dialing a Number

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

Note: To voice dial a phonebook entry you must first record a voice name for the entry (see page 21).

Sorting Phonebook Entries

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

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 72.

Viewing Entries By Category

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

To set the category for a phonebook entry, see page 71.

Setting Picture ID View

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

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

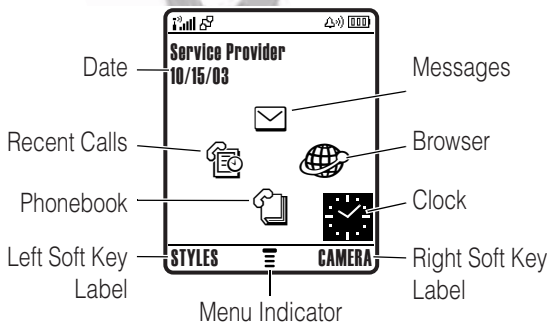The *home screen* displays when you are *not* on a call or using the menu. You must be in the home screen to dial a phone number.

Date — Service Provider 10/15/03

Messages

Recent Calls

Browser

Phonebook

Clock

Left Soft Key Label — STYLES

CAMERA — Right Soft Key Label

Menu Indicator

Press the 5-way navigation key ($\cdot\hat{\diamond}\cdot$) left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press 🔚 to return to the home screen.

Note: Your home screen may look different from the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of

Learning to Use Your Phone

the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 74.
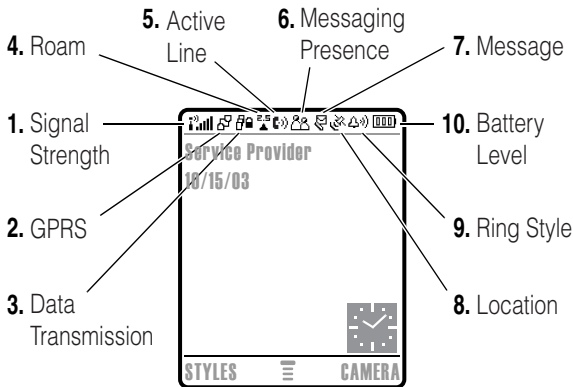
The 三 (menu) indicator indicates that you can press the menu key (三) to enter the main menu.

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

Your phone can display an analog or digital clock in the home screen (see page 73).

The following status indicators can display:

4. Roam
5. Active Line
6. Messaging Presence
7. Message

1. Signal Strength

2. GPRS

3. Data Transmission

10. Battery Level

9. Ring Style

8. Location

Service Provider
10/15/03

STYLES   三   CAMERA

1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the 𝑖 (no signal) indicator or 𝑖✕ (no transmit) indicator displays.

2. GPRS Indicator

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

🖫 = GPRS PDP context active

⊿ = GPRS packet data available

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

ₐ = secure packet data transfer

⊒ = insecure packet data transfer

◧ = secure application connection

◨ = insecure application connection

⇄ = secure Circuit Switch Data (CSD) call

⇄ = insecure CSD call

🅑 = Bluetooth® connection

4. Roam Indicator

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

₲ = 2.5G home

▲ = 2.5G roam

₲ = 2G home

▲ = 2G roam

5. Active Line Indicator

Shows ℝ⟫ to indicate an active call, or ℝ⟵ to indicate when call forwarding is on. Icons for dual-line-enabled SIM cards can include:

ℝ1 = line 1 active   ℝ2 = line 2 active

ℝ1⟵ = line 1 active, call   ℝ2⟵ = line 2 active, call
forward on   forward on

6. Messaging Presence Indicator

Shows when Instant Messaging (IM) is active. Indicators can include:

⊙⟫ = IM active   ⊙□ = busy

⊙⊘ = invisible to IM

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

7. Message Indicator

Displays when you receive a new message. Indicators can include:

⊠ = text message   ⊠⟫ = voicemail message

🗊 = IM message   💬 = active chat session

⊠⟫ = voicemail and text
message

Learning to Use Your Phone

8. Location Indicator

Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:

$\mathbb{g}^{\mathbb{R}}$ = location on $\mathbb{g}^{\mathbb{R}}$ = location off

9. Ring Style Indicator

Shows the ring style setting.

$\triangle$ᵂ = loud ring $\triangle$ᵂ = soft ring

⟨⟨⟨ = vibrate   ⟩⟨ = vibrate and ring

$\triangle$ⱬ = silent

10. Battery Level Indicator

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

Using the 5-Way Navigation Key
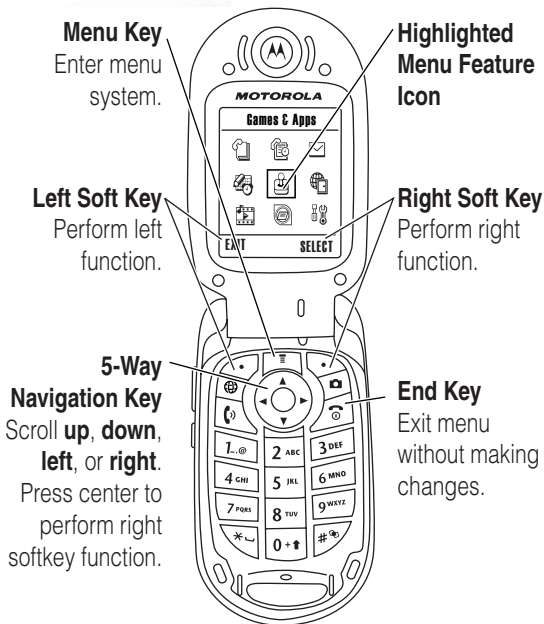
Use the 5-way navigation key (·Ọ·) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and

5-Way Navigation Key

play games. Press the center select button to select a highlighted menu item.

Using Menus

From the home screen, press $\boxed{\equiv}$ to enter the main menu.

Menu Key
Enter menu system.

Highlighted Menu Feature Icon

Left Soft Key
Perform left function.

Right Soft Key
Perform right function.

5-Way Navigation Key
Scroll **up**, **down**, **left**, or **right**. Press center to perform right softkey function.

End Key
Exit menu without making changes.

MOTOROLA

Games & Apps

EXIT   SELECT

Learning to Use Your Phone

Press $\cdot \dot{Q} \cdot$ to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may display in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
⌘	**Games & Apps**	🎞	**Multimedia**
⌘	**Office Tools**	⚙	**Settings**

Icon	Feature	Icon	Feature
📧	**IM**	🐦	**Web Access**
📇	**Phonebook**	📇	**Recent Calls**
✉	**Messages**	👥	**Chat**

Selecting a Menu Feature

To select a menu feature, starting from the home screen:

Find the Feature   🔲 > **Recent Calls** > **Dialed Calls**

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

Selecting a Feature Option

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

Highlighted Option

Press **BACK** key to go back to previous screen.

Press $\cdot \dot{Q} \cdot$ to scroll down to other options.

Press **VIEW** key to view details of highlighted option.

Press 🔳 to open sub-menu

```
📶          ⌂⁘ 🔋
      Dialed Calls
0) John Smith
9) Lisa Owens
8) Adda Thomas
7) Jack Bradshaw
6) Mary Smith
5) Carlos Emrys
4) Dave Thompson
3) Lisa Owens
BACK      🔳      VIEW
```
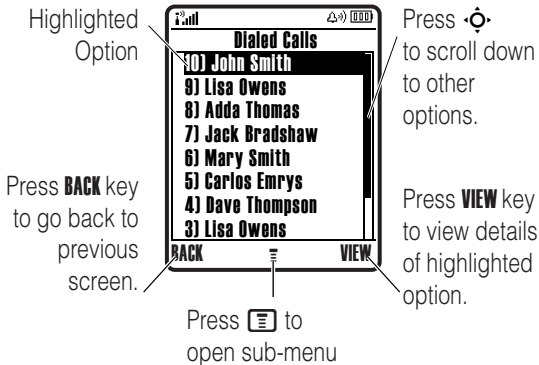
Press $\cdot \dot{Q} \cdot$ to scroll up or down to highlight the option you want.

In a numbered list, press a number key to highlight the option.

In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

When an option has a list of possible values, press $\cdot \dot{Q} \cdot$ left or right to scroll through and select a value.

When an option has a list of possible numeric values, press a number key to set the value.

Learning to Use Your Phone

Entering Text

Some features require you to enter information.

Highlighted Option

🔋📶	◁)) 🔋
Entry Details	
Name: John Smith	
Category: General	
No.: 1-212-555-1212	
Type: <u>Work</u>	🖼
Store To: Phone	
Voice Name:	
Speed No.: 2	
Ringer ID: None	
CANCEL	CHANGE

Press **·Ọ·** to scroll to and select options.

Press **CHANGE** key to enter or edit information.

Press **CANCEL** key to exit without changes. **DONE** displays after you make changes.

Learning to Use Your Phone

The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in the message.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.

Press 🔲 to open sub-menu.

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

Press **CANCEL** key to exit without making changes.
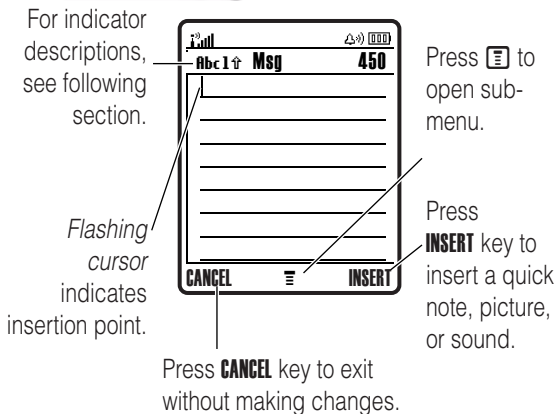
Choosing a Text Entry Mode

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

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

Primary	The primary text entry mode (see below to set).
Numeric	Enter numbers only (see page 40).

| Symbol | Enter symbols only (see page 40). |
| Secondary | The secondary text entry mode (see below to set). |

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

Setting Up a Text Entry Mode

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

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

Using Capitalization

Press ⓪ in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters   Abc = capitalize next letter only

ABC = all capital letters

Learning to Use Your Phone

Text Entry Mode Indicators

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

Primary	Second.	
1	2	Tap, no capital letters
1⇧	2⇧	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
📖	📖	iTAP, no capital letters
📖⇧	📖⇧	iTAP, capitalize next letter only
📖↑	📖↑	iTAP, all capital letters

The following indicators identify Numeric or Symbol entry mode:

123 = numeric mode @ = symbol mode

Using Tap Mode

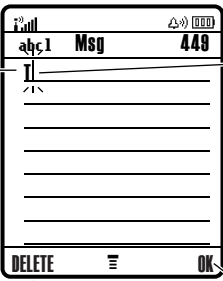This is the standard mode for entering text on your phone.

Tap mode cycles through the letters and number of the key you press. Tap Extended mode also cycles through additional symbols as shown in the chart on page 37.

Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters. **Tip:** Press ·ô· right to accept a word completion, or ✻ to insert a space.
3 **OK** key	store the text

In a text entry screen, you can press ☐# to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 34.

When you enter text with **Tap** or **Tap Extended** mode, the soft key functions change.
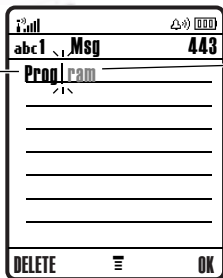
Character displays at insertion point.

After 2 seconds, character is accepted and cursor moves to next position.

Press **DELETE** key to delete character to left of insertion point.

Press **OK** key to accept and store text.

Learning to Use Your Phone

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

Character displays at insertion point.

```
┌─────────────────────────┐
│ i³ul              △» ▥   │
│ abc1  ⌐ Msg        443   │
│ Prog|ram                 │
│       ⌐                  │
│ ─────────────────────    │
│ ─────────────────────    │
│ ─────────────────────    │
│ ─────────────────────    │
│ ─────────────────────    │
│ DELETE       ☰       OK   │
└─────────────────────────┘
```

Press **·Ô·** right to accept **Program**, or press **⊛** to reject it and enter a space after **Prog**.

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

Character Chart

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

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	a b c 2 á à â ã ç æ
3	d e f 3 é è ê ë
4	g h i 4 í î ï
5	j k l 5
6	m n o 6 ñ ó ò ô õ œ
7	p q r s 7
8	t u v 8 ú ù û ü
9	w x y z 9

$\boxed{0}$	change text case, for capital letters
$\boxed{*}$	enter a space (hold to enter a return)
$\boxed{\#}$	change text entry mode (hold for default)

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

Tap Mode Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.

- Press ·Ò· left or right to move the flashing cursor to the left or right in a text message.

- The first character of every sentence is capitalized. If necessary, press ·Ò· down to force the character to lowercase before the cursor moves to the next position.

- If you enter or edit information and do not want to save the changes, press $\boxed{\textcircled{}}$ to exit without saving.

Using iTAP™ Mode

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

Learning to Use Your Phone

38

For example, if you press $\boxed{7}\boxed{7}\boxed{6}\boxed{4}$, letter combinations that match your keypresses display:

Press $\cdot\dot{\mathbf{Q}}\cdot$
up to accept
Program.

Abc🔍, Msg   443

Prog ram ▲

Press **DELETE** key to delete last letter.

Press $\cdot\dot{\mathbf{Q}}\cdot$ right to highlight another combination. Press $\boxed{*}$ to enter **Prog** and a space.

ProgProhSpoiProi ▷

DELETE   SELECT

Press **SELECT** key to lock highlighted combination.

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

Entering Words

In a text entry screen, you can press $\boxed{\#}$ to switch entry modes. An indicator shows which mode is active (see page 35). If **iTAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 34.

Press	To
1 keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2 $\cdot\dot{\mathbf{Q}}\cdot$ left or right	highlight the combination you want

Press	To
3 **SELECT** key	lock a highlighted combination
	You can press keypad keys to add more letters to the end of the combination.
or	
✳	enter the highlighted combination when it spells a word
	A space is automatically inserted after the word.

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

Using Numeric Mode

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

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

Using Symbol Mode

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

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

Symbol Chart

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

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	@ _ \ α ß
3	/ : ; δ Δ ε φ Φ
4	" & ' γ Γ η ι
5	( ) [ ] { } κ λ Λ
6	¿ ¡ ~ μ ν ω Ω
7	< > = π Π ρ σ Σ
8	$ £ ¥ ¤ € θ Θ τ υ

9	# % * ζ ξ Ξ χ ψ Ψ
0	+ - x * / = > < # §
*	enter a space (hold to enter a return)
#	change text entry mode (hold for default)

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

Deleting Letters and Words

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

Action

Press the **DELETE** key to delete one letter at a time.

Hold the **DELETE** key to delete all the text.

Using the Smart Key

The smart key (see the diagram on page 1) gives you another way to perform many basic phone functions. It anticipates the next action you are likely to perform. For example, when you highlight a menu item, you can press the smart key to select it. The smart key usually performs the same function as the right soft key.

Using the External Display

When the flip is closed, the external display shows time and phone status information. It also displays messages to

notify you of incoming calls and other events. See page 24 for descriptions of the status indicators that may appear in the external display.

Note: You cannot make or receive calls when the phone is closed unless you attach a headset.

Using the Handsfree Speaker

When you activate your phone's built-in handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press the **SPEAKER** key to turn the handsfree speaker on or off during a call.

When you turn the handsfree speaker on, your phone displays **Speaker On** in the home screen. The handsfree speaker remains on until you press the **SPEAKER** key again or turn the phone off.

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

Changing a Code, PIN, or Password

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

If your service provider has not reset these codes, we recommend that you change them to prevent others from

accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, or PIN2 code if necessary.

To change a code or password:

Find the Feature   ❑   > **Settings** > **Security**
          > **New Passwords**

Locking and Unlocking Your Phone

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

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

You can make emergency calls on your phone even when it is locked (see page 55).

Locking Your Phone Manually

Find the Feature   ❑   > **Settings** > **Security**
          > **Phone Lock** > **Lock Now**

	Press	To
1	keypad keys	enter your unlock code
2	**OK** key	lock the phone

Learning to Use Your Phone

Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 **OK** key	unlock your phone

Setting Your Phone to Lock Automatically

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

Find the Feature   🔲 > **Settings** > **Security**
                                      > **Phone Lock**
                                      > **Automatic Lock** > **On**

Press	To
1 keypad keys	enter your unlock code
2 **OK** key	activate automatic lock

If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last

4 digits of your phone number before you receive your phone.

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

Press		To
1	🗉	display the unlock code bypass screen
2	keypad keys	enter your security code
3	**OK** key	submit your security code

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

Setting Up Your Phone

Storing Your Name and Phone Number

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

Find the Feature $\boxed{\equiv}$ > **Settings** > **Phone Status**
                            > **My Tel. Numbers**

Shortcut: Press $\boxed{\equiv}\boxed{\#}$ from the home screen to edit your name and phone number.

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

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. To change the time or date on your phone.

Find the Feature $\boxed{\equiv}$ > **Settings** > **Initial Setup**
                            > **Time and Date**
                            > *time* or *date*

If you see an **Autoupdate** option under **Time and Date**, you can select **Autoupdate** > **On** to have the network update your phone's time and date automatically.

Setting a Ring Style

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

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 28).

To set a ring style:

Find the Feature   🔳   > Settings > Ring Styles
                                             > Style

Press	To
1 ·Ọ·	scroll to the ring style
2 **SELECT** key	select the ring style

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

Setting Answer Options

You can activate additional modes for answering calls:

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

Option	Description
Multi-key	answer by pressing any key
Open to Answer	answer by opening the phone

Setting Up Your Phone

48

Setting a Wallpaper Image

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

Find the Feature $\boxed{=}$ > **Settings** > **Personalize**
                                    > **Wallpaper**

	Press	To
1	·Ọ·	scroll to **Picture**
2	**CHANGE** key	open the picture viewer
3	·Ọ· up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the wallpaper image.
4	**SELECT** key	select the image
5	·Ọ·	scroll to **Layout**
6	**CHANGE** key	adjust the image layout
7	·Ọ·	scroll to **Center**, **Tile**, or **Fit-to-screen**
		Center places the image in the center of the display.
		Tile fills the display with multiple copies of the image.
		Fit-to-screen resizes the image, if necessary, to fit the display.
8	**SELECT** key	confirm the layout setting
9	**BACK** key	save wallpaper settings

Setting a Screen Saver Image

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

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

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

Find the Feature   🄴   > Settings > Personalize
                                    > Screen Saver

	Press	To
1	·Ò·	scroll to **Picture**
2	**CHANGE** key	open the picture viewer
3	·Ò· up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** key	select the image
5	·Ò·	scroll to **Delay**
6	**CHANGE** key	set the delay interval
7	·Ò·	scroll to the inactivity interval that triggers the screen saver
8	**SELECT** key	confirm the delay setting
9	**BACK** key	save the screen saver settings

Setting Display Skin

Change the look and feel of your phone's display by selecting a different skin setting.

Find the Feature $\boxed{\text{▤}}$ > **Settings** > **Personalize**
> **Skin**

Setting Display Brightness

Find the Feature $\boxed{\text{▤}}$ > **Settings** > **Initial Setup**
> **Brightness**

Adjusting the Backlight

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

Find the Feature $\boxed{\text{▤}}$ > **Settings** > **Initial Setup**
> **Backlight**

Setting Display Timeout

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

Find the Feature $\boxed{\text{▤}}$ > **Settings** > **Initial Setup**
> **Display Timeout**

Conserving Battery Power

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your

phone automatically turns off the keypad backlight when it
detects that enough ambient light is available.

Find the Feature   [≡]   > **Settings** > **Initial Setup**
                                        > **Battery Save**

Setting Up Your Phone

52

Calling Features

For basic instructions on how to make and answer calls, see page 12.

Changing the Active Line

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

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

Find the Feature   M   > **Settings** > **Phone Status** > **Active Line**

Tip: The active line indicator in the display shows the currently active phone line (see page 27).

Redialing a Number

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

Using Automatic Redial

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

To redial the phone number:

Press	To
📞 or **RETRY** key	activate automatic redial

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

Using Caller ID

Incoming Calls

Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

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

Note: Caller ID requires additional service through your local phone company. Check with your local phone company for availability.

Outgoing Calls

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

Find the Feature $\boxed{\Xi}$ > **Settings** > **In-Call Setup**
                                  > **My Caller ID**

Shortcut: While dialing (with digits visible in the display), press $\boxed{\Xi}$ > **Hide ID/Show ID**.

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
$\boxed{\text{☎}}$	cancel the incoming call

Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

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

Press	To
either volume key	turn off the alert

Calling an Emergency Number

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

Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press		To
1	keypad keys	dial the emergency number
2	$\boxed{\textcircled{0}}$	call the emergency number

Dialing International Numbers

Press and hold $\boxed{0}$ to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

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

Shortcut: Press $\boxed{\textcircled{0}}$ from the home screen to view the dialed calls list.

Find the Feature $\boxed{\equiv}$ > **Recent Calls**

Press		To
1	$\cdot\dot{\odot}\cdot$	scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** key	select the list

Press		To
3	·Ô·	scroll to an entry
		✓ means the call connected.
4	[◊]	call the entry's number
		Press and hold [◊] for 2 seconds to send the number as DTMF tones during a call.
or		
VIEW key		view entry details
or		
	🗉	open the **Last Calls Menu** to perform various operations on the entry

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

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

Calling Features

57

Option	Description
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. **Note:** This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 80).

Returning an Unanswered Call

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

- **X Missed Calls**, where **X** is the number of missed calls

	Press	To
1	**VIEW** key	see the received calls list
2	·Ò·	select a call to return
3	⎡⎤	make the call

Using the Notepad

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

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

Press	To
📞	call the number
or	
🗐	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE key	create a phonebook entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
🗐 > **Attach Number**	attach a number from the phonebook or recent calls lists

Calling With Speed Dial

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

To see an entry's speed dial number, press 🗐 > **Phonebook**, scroll to the entry, press **VIEW** key.

To speed dial a phonebook entry:

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

Press		To
2	$\boxed{\#}$	submit the number
3	$\boxed{\text{©}}$	call the entry

Calling With 1-Touch Dial

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

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 72).

Using Voicemail

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

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

Listening to Voicemail Messages

Find the Feature $\boxed{\equiv}$ > **Messages** > **Voicemail**

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

Receiving a Voicemail Message

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

Press	To
CALL key	listen to the message

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

Storing Your Voicemail Number

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

Find the Feature ☰ > **Messages**
  ☰ > **Voicemail Setup**

	Press	To
1	keypad keys	enter your voicemail number
2	**OK** key	store the number

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

Using Call Waiting

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

Press	To
1 $\boxed{\emptyset}$	answer the new call
2 **SWITCH** key	switch between calls
or	
LINK key	connect the 2 calls
or	
$\boxed{\mathbb{E}}$ > **End Call On Hold**	end the call on hold

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

Find the Feature $\boxed{\mathbb{E}}$ > **Settings** > **In-Call Setup** > **Call Waiting**

Putting a Call On Hold

Press	To
$\boxed{\mathbb{E}}$ > **Hold**	put the call on hold

Transferring a Call

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

62

Announce the Call Transfer

Find the Feature $\boxed{\Xi}$ > Hold

Press		**To**
1	keypad keys	dial the number where you are transferring the call
2	$\boxed{\textcircled{\textit{o}}}$	call the number and speak to the person who answers
3	$\boxed{\Xi}$	open the menu
4	$\cdot\dot{\hat{Q}}\cdot$	scroll to Transfer
5	SELECT key	select Transfer
6	OK key	confirm the transfer

Do Not Announce the Call Transfer

Find the Feature $\boxed{\Xi}$ > Transfer

Press		**To**
1	keypad keys	dial the number where you are transferring the call
2	$\boxed{\textcircled{\textit{o}}}$	transfer the call

Phone Features

Menu Map

Main Menu

  📖   **Phonebook**

  📞   **Recent Calls**
- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Call Cost *
- Data Times
- Data Volumes

  ✉   **Messages**
- Create Message
- Email Msgs
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services *
- Quick Notes
- Outbox
- Drafts
- MMS Templates

  🗂   **Office Tools**
- SIM Tool Kit Apps *
- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock
- Dialing Services
  - Fixed Dial
  - Service Dial *
  - Quick Dial *
- Chat

  🎮   **Games & Apps**

  🌐   **Web Access**
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

  🎬   **Multimedia**
- Themes
- Camera
- Pictures
- Sounds
- MotoMixer
- Videos

  💬   **IM**
- Sign On
- Offline Conversations
- Offline Settings
- Help

  🔧   **Settings**
- (see next page)

* optional features

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

Settings Menu

Personalize
- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Ring Styles
- Style
- *style* Detail

Connection
- Bluetooth Link
- Sync

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

In-Call Setup
- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Other Information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time

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

Security
- Phone Lock
- Lock Application
- Fixed Dial
- Restrict Calls
- SIM PIN
- New Passwords
- Certificate Mgmt

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

* optional features

Phone Features

Feature Quick Reference

This section helps you locate features on your phone that are not described in this guide.

Calling Features

Feature	Description	
Conference Call	During a call: ☰ > **Hold**, dial next number, press 🔘, press the **LINK** key	*Network / Subscription Dependent Feature*
Call Forwarding	Set up or cancel call forwarding: ☰ > **Settings** > **Call Forward**	*Network / Subscription Dependent Feature*
Restrict Calls	Restrict outgoing or incoming calls: ☰ > **Settings** > **Security** > **Restrict Calls**	*Network / Subscription Dependent Feature*
TTY Calls	Set up your phone for use with an optional TTY device: ☰ > **Settings** > **Initial Setup** > **TTY Setup**	*Optional Accessory*

Messages

Feature	Description
Send Text Message	Send a text message: ☰ > **Messages** > **Create Message** > **New Short Msg**
Send Multimedia Message	Send a multimedia message: ☰ > **Messages** > **Create Message** > **New Multimedia Msg**
Send Letter	Send a multimedia letter: ☰ > **Messages** > **Create Message** > **New Letter**
Use MMS Template	Open an MMS template with preloaded media: ☰ > **Messages** > **Create Message** > **MMS Templates**
Read Message	Read a new text or multimedia message that you have received: Press the **READ** key.
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then: ☰ > **Store**

Instant Messaging

Feature	Description	
Sign On	Log in to instant messaging: 目 > **IM** > **Sign On**	Network/Subscription Dependent Feature
Find Others Online	After you log in: Select **Contact List** to see a list of other users.	Network/Subscription Dependent Feature
Start Conversation	Start a conversation: From your **Contact List**, highlight a name in **Online Contacts**, press the **SEND IM** key.	Network/Subscription Dependent Feature
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press the **VIEW** key.	Network/Subscription Dependent Feature
End Conversation	From the conversation display: 目 > **End Conversation**	Network/Subscription Dependent Feature
Log Out	Log out of instant messaging: Select **Log Out** from the **IM Online** menu.	Network/Subscription Dependent Feature

Chat

Feature	Description
Start Chat	Start a new chat session: $\boxed{\equiv}$ > Office Tools > Chat $\boxed{\equiv}$ > New Chat
Receive Chat Request	When you receive a chat request: Press the ACCEPT key or the IGNORE key.
End Chat	During a chat session: $\boxed{\equiv}$ > End Chat

Email

Feature	Description
Send Email Message	Send an email message: $\boxed{\equiv}$ > Messages > Create Message > New Email
Read Email Message	Read a new email message that you have received: Press the READ key.

Phone Features

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry: ▤ > Phonebook ▤ > New > Phone Number or Email Address
Create Group Mailing List	Create a group mailing list as a phonebook entry: ▤ > Phonebook ▤ > New > Mailing List
Dial Number	Call a number stored in the phonebook: ▤ > Phonebook, highlight the phonebook entry, press ⎙ to call
Voice Dial Number	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry: ▤ > Phonebook > *entry* ▤ > Edit > Ringer ID > *ringer name* **Note:** The Ringer ID option is not available for entries stored on the SIM card.

Feature	Description
Set Picture ID for Entry	Assign a picture to display when you receive calls from an entry: M > **Phonebook** > *entry* M > **Edit** > **Picture** > *picture* **Note:** The **Picture** option is not available for entries stored on the SIM card.
Set Category for Entry	Set the category for a phonebook entry: M > **Phonebook** > entry M > **Edit** > **Category** > *category name* **Note:** The **Category** option is not available for entries stored on the SIM card.
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos: M > **Phonebook** M > **Setup** > **View by** > *view* **Note:** The **Picture** option is not available for entries stored on the SIM card.

Feature	Description
Sort Phonebook List	Set the order in which phonebook entries are listed: 〈🗉〉 > **Phonebook** 〈🗉〉 > **Setup** > **Sort by** > *sort order*
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers: 〈🗉〉 > **Phonebook**, scroll to entry, press 〈🗉〉 > **Set Primary** > *phone number*
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device: 〈🗉〉 > **Phonebook**, highlight the entry, press 〈🗉〉 > **Send** > **Bluetooth**
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook: 〈🗉〉 > **Settings** > **Initial Setup** > **1-Touch Dial**

Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event: [≡] > **Settings** > **Ring Styles** > *style* **Detail** > *event name*
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries: [≡] > **Settings** > **Ring Styles** > *style* **Detail** > **Ringer IDs**
Ring Volume	Set ringer volume: [≡] > **Settings** > **Ring Styles** > *style* **Detail** > **Ring Volume**
Keypad Volume	Set keypad keypress volume: [≡] > **Settings** > **Ring Styles** > *style* **Detail** > **Key Volume**
Clock View	Display an analog clock or digital time readout in the home screen: [≡] > **Settings** > **Personalize** > **Home Screen** > **Clock**
Menu View	Display the main menu as graphic icons or as a text-based list: [≡] > **Settings** > **Personalize** > **Main Menu** > **View**
Main Menu	Reorder your phone's main menu: [≡] > **Settings** > **Personalize** > **Main Menu** > **Reorder**

Feature	Description
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen: □ > Settings > Personalize > Home Screen > Home Keys > Icons
Change Home Screen Keys & Icons	Change soft key labels, smart key function, and menu feature icons in the home screen: □ > Settings > Personalize > Home Screen > Home Keys
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold □. Select a shortcut: □ > Office Tools > Shortcuts > shortcut name

Menu Features

Feature	Description
Language	Set menu language: □ > Settings > Initial Setup > Language

Phone Features

74

Feature	Description
Master Reset	Reset all options except unlock code, security code, and lifetime timer: $\boxed{\equiv}$ > **Settings** > **Initial Setup** > **Master Reset**
Master Clear	Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information: $\boxed{\equiv}$ > **Settings** > **Initial Setup** > **Master Clear**

Dialing Features

Feature	Description
Fixed Dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.
	Turn fixed dialing on or off:
	$\boxed{\overline{\equiv}}$ > **Settings** > **Security** > **Fixed Dial**
	Use the fixed dial list:
	$\boxed{\overline{\equiv}}$ > **Office Tools** > **Dialing Services** > **Fixed Dial**
Service Dial	Dial service phone numbers:
	$\boxed{\overline{\equiv}}$ > **Office Tools** > **Dialing Services** > **Service Dial**

Phone Features

Feature	Description
Quick Dial	Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.
	Dial preprogrammed phone numbers:
	〈≣〉 > **Office Tools** > **Dialing Services** > **Quick Dial**
DTMF Tones	Activate DTMF tones:
	〈≣〉 > **Settings** > **Initial Setup** > **DTMF**
	Send DTMF tones during a call:
	Press number keys.
	Send stored numbers as DTMF tones during a call:
	Highlight a number in the phonebook or recent calls lists, then press 〈≣〉 > **Send Tones**.

Call Monitoring

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

The amount of network connection time you track on your resettable timer may not equal the amount of

**time for which you are billed by your service provider.
For billing information, contact your service provider.**

Feature	Description
Call Times	View call timers: ⊞ > Recent Calls > Call Times
In-Call Timer	Display time information during a call: ⊞ > Settings > In-Call Setup > In-Call Timer
Call Cost	View call cost information: ⊞ > Recent Calls > Call Cost

Handsfree Features

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

Feature	Description
Speaker-phone	Activate the speakerphone during a call: Press the **SPEAKER** key (if available) or 〉 > **Spkrphone On**.
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: 〉 > **Settings** > **Car Settings** or **Headset** > **Auto Answer**
Voice Dial (headset)	Enable voice dial with headset send/end key: 〉 > **Settings** > **Headset** > **Voice Dial**
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: 〉 > **Settings** > **Car Settings** > **Auto Handsfree**

Feature	Description
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: $\equiv$ > Settings > Car Settings > Power-off Delay
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: $\equiv$ > Settings > Car Settings > Charger Time

Data and Fax Calls

Feature	Description
Send Data or Fax	Connect your phone to the device, then place the call through the device application.
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application.
Talk Then Fax	Connect your phone to the device, enter the number, then press $\equiv$ > Talk Then Fax 🔘 to make the call.

Bluetooth® Wireless Connections

Feature	Description
Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone: M > Settings > Connection > Bluetooth Link > Setup > Find Me **Tip:** After the first connection, you do not need to select **Find Me** to reconnect.
Connect to a Handsfree Device	Connect to a handsfree device: M > Settings > Connection > Bluetooth Link > Handsfree > *device name* or Look for Devices
Connect to a Handsfree Device During a Call	Switch to a headset or car kit during a call: M > Use Bluetooth
Disconnect From Device	Disconnect from a device: Highlight the device name and press the DROP key.

Feature	Description	
Edit Device Properties	Edit the properties of a recognized device: Highlight the device name and press [≡]> Edit.	Optional Accessory
Set Bluetooth Options	Set your phone's Bluetooth options: [≡] > Settings > Connection > Bluetooth Link > Setup	Optional Accessory

Network Features

Feature	Description	
Network Settings	View network information and adjust network settings: [≡] > Settings > Network	Network/Subscription Dependent Feature

Personal Organizer Features

Feature	Description
Create Datebook Event	Create a new datebook event: ⊡ > **Office Tools** > **Datebook**, highlight the day, press the center select button, press ⊡ > **New**
View or Edit Datebook Event	View or edit event details: ⊡ > **Office Tools** > **Datebook**, highlight the day, press the center select button, press the **VIEW** key
Event Reminder	View event reminder: **VIEW** key Close event reminder: **BACK** key
Copy Datebook Event to Another Device	Copy a datebook event to another phone, computer, or device: ⊡ > **Office Tools** > **Datebook**, highlight the day, press the center select button, highlight the event, press ⊡ > **Send** > **Bluetooth**
Set Alarm	Set an alarm: ⊡ > **Office Tools** > **Alarm Clock**
Turn Off Alarm	Turn off alarm: Press the **DISABLE** key or ☺. Set 8-minute delay: Press the **SNOOZE** key.

Feature	Description
Create Voice Record	Create a voice record:
	Press and hold voice key, speak into the phone, release voice key.
	Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.
Play Voice Record	Play back a voice record:
	〔☰〕 > *Office Tools* > *Voice Records* > voice record
Calculator	Calculate numbers:
	〔☰〕 > *Office Tools* > *Calculator*
Currency Converter	Convert currency:
	〔☰〕 > *Office Tools* > *Calculator*
	〔☰〕 > *Exchange Rate*
	Enter exchange rate, press the **OK** key, enter amount, and select **$** in the bottom of the display.

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: M > Settings > Security > SIM PIN **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.
Lock Application	Lock phone applications: M > Settings > Security > Lock Application
Certificate Management	Certificates let your phone verify the identity and security of Web sites when you download files or share information. Enable or disable security certificates stored on your phone: M > Settings > Security > Certificate Mgmt

News and Entertainment

Feature	Description	
Launch Micro-Browser	Start a micro-browser session: Press 🌐.	*Network/Subscription Dependent Feature*
Download Objects from Web Page	Download a picture, sound, or phone theme from a Web page: Highlight the file, press the **SELECT** key, press the **STORE** key. Normal airtime and/or carrier usage charges apply.	*Network/Subscription Dependent Feature*
Web Sessions	Select or create a Web session: ▤ > **Web Access** > **Web Sessions**	*Network/Subscription Dependent Feature*
Apply Phone Theme	Apply a grouped set of image and sound files to your phone: ▤ > **Multimedia** > **Themes** > theme	*Network/Subscription Dependent Feature*

Phone Features

Feature	Description
Download Game or Application	Download a Java™ game or application with the micro-browser: Press ⊕, highlight the application, press the **SELECT** key, press the **DWNLOD** key. Normal airtime and/or carrier usage charges apply.
Launch Game or Application	Launch a Java™ game or application: 〔☰〕> **Games & Apps**, highlight the application, press the **SELECT** key
Manage Pictures	Manage pictures and animations: 〔☰〕> **Multimedia** > **Pictures**
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded: 〔☰〕> **Multimedia** > **Sounds**
Manage Video Clips	Manage video clips: 〔☰〕> **Multimedia** > **Videos**
Edit Sounds With MotoMixer	Edit MIDI-based sound files that you can use with your phone: 〔☰〕> **Multimedia** > **MotoMixer** > [New Mix] or mix file name

Feature	Description
Create Ring Tones	Create ring tones that you can use with your phone: `▣ > Multimedia > Sounds > [New iMelody]`
Camera	Adjust light level and other settings for the built-in camera: `◎ ▣ > Pictures Setup`

Troubleshooting

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

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/ kg.[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.40   W/kg , and when worn on the body, as

described in this user guide, is 0.57 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

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

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

`http://www.phonefacts.net`

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

`http://www.cwta.ca`

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

Index

A

accessories 7, 66
accessory connector port 1
active line indicator 27
active line, changing 53
alarm clock 83
alert
  creating 88
  defined 48
  setting 12, 48, 73
  turning off 12, 55
animation
  downloading 86
  screen saver 50
  viewing 87
  wallpaper 49
answering a call 12, 48
application, locking and
       unlocking 85
automatic redial 54

B

backlight 51
battery
  charging 10
  extending battery life 8,
      51

installing 9
  level indicator 28
battery save 51
Bluetooth 72, 81, 83
brightness, setting 51
browser. *See* micro-browser

C

calculator 84
call
  alert, turning off 12, 55
  answer options 48
  answering 12
  call waiting 62
  costs 78
  dialed calls list 56
  dialing 12
  emergency number 55
  ending 12
  forwarding 66
  handsfree speaker 43
  hold 62
  international access code
      56
  making 12
  received calls list 56
  receiving 12
  restricting 66

U.S. patent Re. 34,976