

APPLICANT: MOTOROLA, INC.

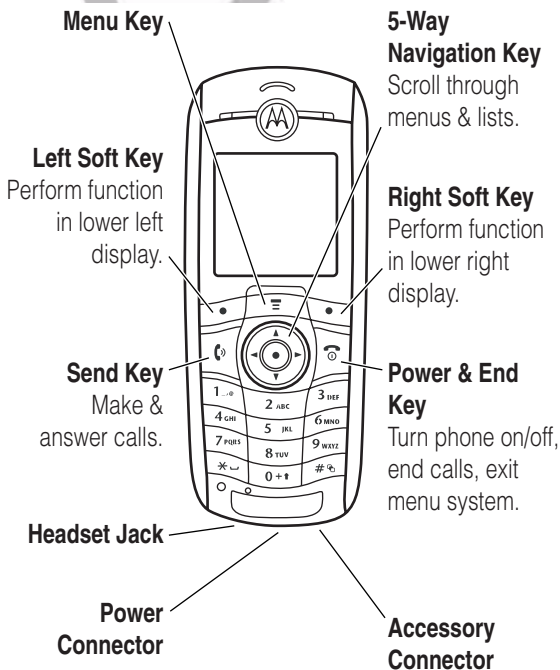
FCC ID: IHDT56EW1

INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola C381p GSM wireless phone.



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Contents

Getting Started	6
About This Guide	6
Installing the SIM Card	7
Battery Tips	7
Installing the Battery	8
Charging the Battery	9
Turning Your Phone On	10
Adjusting Volume	10
Making a Call	11
Answering a Call	11
Viewing Your Phone Number	11
Highlight Features	12
Sending a Multimedia Message	12
Receiving a Multimedia Message	14
Learning to Use Your Phone	16
Using the Display	16
Using the 5-Way Navigation Key	20
Using Menus	21
Entering Text	23
Using the Push to Talk (PTT) Key	33
Using the Handsfree Speaker	34
Changing a Code, PIN, or Password	34
Locking and Unlocking Your Phone	35
If You Forget a Code, PIN, or Password	36
Locking and Unlocking the Keypad	37
Using the Phonebook	37
Setting Up Your Phone	41
Storing Your Name and Phone Number	41

Setting the Time and Date	41
Setting a Ring Style.	42
Setting a Wallpaper Image	42
Setting a Screen Saver Image	44
Setting Display Color.	45
Adjusting the Backlight	45
Setting Display Timeout	45
Calling Features	46
Changing the Active Line	46
Redialing a Number	46
Using Automatic Redial.	47
Using Caller ID	47
Canceling an Incoming Call	48
Calling an Emergency Number	48
Dialing International Numbers.	49
Viewing Recent Calls	49
Returning an Unanswered Call	51
Using the Notepad	51
Attaching a Number	52
Calling With Speed Dial	52
Calling With 1-Touch Dial	53
Using Voicemail.	53
Using Call Waiting.	55
Putting a Call On Hold.	55
Transferring a Call	56
Push to Talk (PTT) Calls.	57
Storing PTT Contacts and Groups	57
Making PTT Calls	58
Answering PTT Calls.	60
PTT Call Tones and Icons.	60
Viewing and Editing PTT Contacts and Groups	61

Changing PTT Settings.	62
Phone Features	64
Menu Map.	64
Feature Quick Reference	67
Troubleshooting	85
Specific Absorption Rate Data	86
Specific Absorption Rate Data	88
Index	90

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.

Optional Features



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

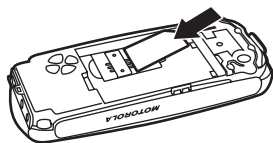
Optional Accessories



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

Installing the SIM Card

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



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

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.
- 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.



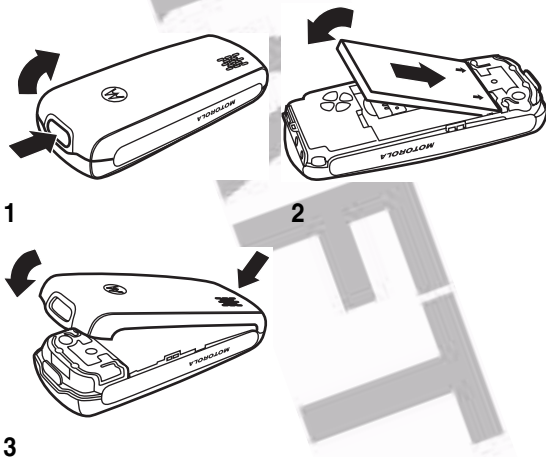
Warning: Never dispose of batteries in a fire because they may explode.

Before using your phone, please 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.



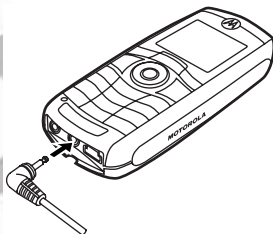
Charging the Battery

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



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.



- 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 the 5-way Navigation key (·◊·) left or right to increase or decrease volume.



- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the home screen is visible

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

- turn off an incoming call 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 you 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  or ANSWER key	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 41. 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.

Sending a Multimedia Message



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

Find the Feature



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

Press

To

1 keypad keys

enter slide text

Tip: You can press  to open the **MMS Menu** and insert a file.

2 **OK** key

store the message

Press	To
3 	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.
4 SELECT key	select [One Time Entry] or [New Phonebook Entry] and enter a number/address. Press the OK key or DONE key when you are finished.
or ADD key	add a phonebook entry to the list of recipients. Press the DONE key when you are finished.
5 	scroll to Subject
6 CHANGE key	select Subject
7 keypad keys	enter the subject
8 OK key	store the subject
9 CHANGE key	select Attachments





Press	To
10	scroll to a file type
11 SELECT key	select the file type
12	highlight the file you want
13 SELECT key	attach the file
14 BACK key	return to the message editor
15	scroll to Receipt
16 CHANGE key	select Receipt
17 ADD key or REMOVE key	activate/deactivate the delivery report
18 DONE key	return to the message editor
19 SEND key	send the message
or 	send the message, view message details, save the message in the drafts folder, or cancel the message

Receiving a Multimedia Message



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

Press	To
READ key	open the message

MMS messages that you receive can contain the following media objects:

- Pictures, and animations are displayed as you read the message.
- A sound file begins playing when its slide is displayed.
- 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 **OPEN** key (object such as phonebook or datebook entry, or unknown file type).

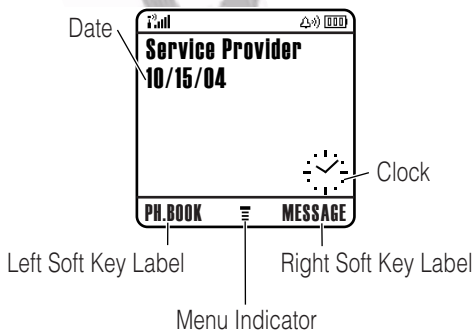


Learning to Use Your Phone

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.

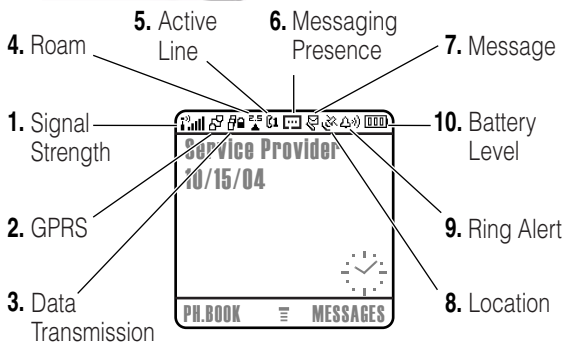


The  (menu) indicator indicates that you can press the menu key () to enter the main menu.

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

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

The following status indicators can display:



1. Signal Strength Indicator

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

 = secure packet data transfer

 = insecure packet data transfer

 = secure application connection

 = insecure application connection

 = secure Circuit Switch Data (CSD) call

 = insecure CSD call

4. Roam Indicator



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

 = 2.5G home

 = 2.5G roam

 = 2G home

 = 2G roam

5. Active Line Indicator



Shows  or  to indicate the current active phone line. Other indicators can include:

 = line 1 active, call forward on

 = line 2 active, call forward on

 = alarm activated

6. Messaging Presence Indicator



The PTT () icon means that you can make and receive PTT calls.

When Instant Messaging (IM) is active, indicators can include:

 = IM active

 = available for IM

 = busy

 = invisible to IM

 = available for phone calls

 = offline

When a Java application is active, the  (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

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



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:

 = location on

 = location off

9. Ring Style Indicator

Shows the ring style setting.

 = loud ring

 = soft ring

 = vibrate

 = vibrate and ring

 = 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 () to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the center select button to select a highlighted menu item.



5-Way
Navigation
Key

Using Menus

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



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

Icon	Feature	Icon	Feature
	Games & Apps		Multimedia
	Office Tools		Settings
	IM		Web Access



Icon	Feature	Icon	Feature
	Phonebook		Recent Calls
	Messages		

Selecting a Menu Feature

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

Find the Feature



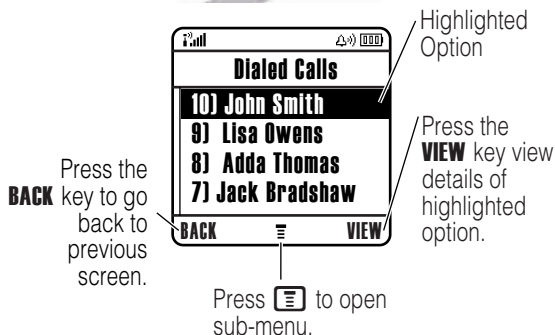
> **Recent Calls** > **Dialed Calls**



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 listed in the bottom left and right corners of the display.

Selecting a Feature Option

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



Press **◂◃** to scroll up or down to highlight the option you want.

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

When an option displays a list of possible values, press **◂◃** left or right to scroll through and select a value.

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



Entering Text

Some features require you to enter information.

Press **◂◃** to scroll down to other options.

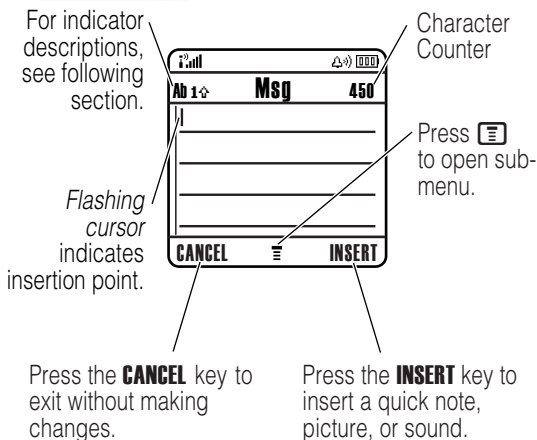
Press the **CANCEL** key to go back to previous screen.

The screenshot shows a mobile phone screen with a status bar at the top displaying signal strength, a speaker icon, and battery level. The main screen is titled 'Entry Details'. Below the title are three rows of text: 'Name: John Smith', 'Category: General', and 'No.: 2125551212'. At the bottom of the screen are two buttons: 'CANCEL' on the left and 'CHANGE' on the right. The 'CHANGE' button is highlighted with a thick black border. A small calendar icon is visible next to the 'No.' field.

Highlighted Option

Press the **CHANGE** key to view details of highlighted option.

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



Choosing a Text Entry Mode

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

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

Primary

The primary text entry mode (see below to set).

Numeric

Enter numbers only (see page 31).

Symbol	Enter symbols only (see page 31).
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 29).
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 (available only for Secondary Setup).

Using Capitalization

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

abc = no capital letters

Abc = capitalize next letter only

ABC = all capital letters



Text Entry Mode Indicators

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

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

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

12 = numeric method @ = symbol method

Using Tap Method

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

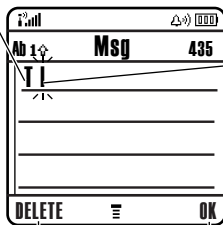
Tap method cycles through the letters and number of the key you press. Tap Extended method also cycles through additional symbols as shown in the chart on page 28.

Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters
	Tip: Press  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 25.

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

Character displays at insertion point.



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

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

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



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.



Press  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** method.

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 ö
7	p q r s 7
8	t u v 8 ú û ü
9	w x y z 9
0	change text case, for capital letters

	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,  first shows common characters for that editor.

Tap Method Text Entry Rules

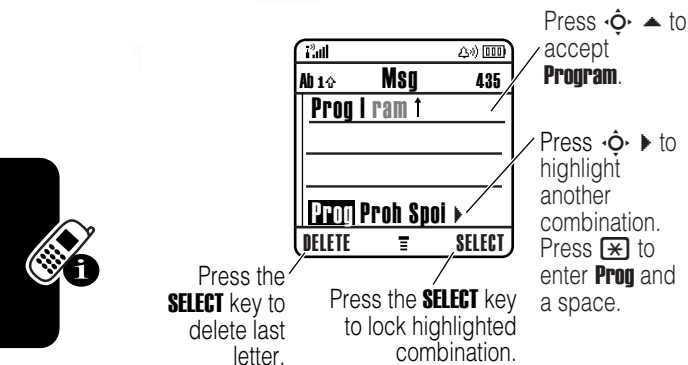
- Press a keypad key repeatedly to cycle through its characters.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. If necessary, press  down to force the character to lowercase before the cursor moves to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

Using iTAP™ Method

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



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



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

Entering Words

In a text entry screen, you can press **#** to switch entry modes. An indicator shows which method is active (see page 26). If **ITAP** method is not available as the **Primary** or **Secondary** entry mode, see page 25.

Press	To
1 keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2 left or right arrow key	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 Method

In a text entry screen, press to switch entry modes until the 12 (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 Method

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 ◀ ▶ 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 method.

1	. ? ! , @ ' - _ : ; () & " ~ 1 0 ¿ ¡ % £ \$ ¥ ¢ € + x * / \ [] = > < # §
2	@ _ \ ß
3	/ : ;
4	" & '
5	() [] { }
6	¿ ¡ ~
7	< > =
8	\$ £ ¥ ¢

[9]	# % *
[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 the entire message.

Using the Push to Talk (PTT) Key

Press the Push to Talk (PTT) key to access the PTT menus, contacts, groups, and settings. For details, see page 57.



Using the Handsfree Speaker

When you activate your phone's integrated 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, PIN2 code, and/or call barring password if necessary.

To change a code or password:





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 48).



Locking Your Phone Manually



Press	To
1 keypad keys	enter your unlock code
2 OK key	lock the 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, PIN2 code, or call barring password, contact your service provider.

Locking and Unlocking the Keypad

You can lock the keypad to prevent accidental key presses (for example, when carrying your phone in a purse or pocket).

Tip: This feature also locks the PTT key so you do not accidentally start a PTT call.

Press	To
	lock or unlock the keypad

Note: Incoming phone calls and messages unlock the keypad. Incoming PTT calls **do not** unlock the keypad.

Using the Phonebook

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



Shortcut: To open your phonebook from the home screen, press **·⬆·** up or down.

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) for the same **Name**.



Recording a Voice Name

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

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

Storing a Picture for Caller ID

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

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

When creating a phonebook entry, scroll to **Picture** and press the **CHANGE** key. Press **·⬆·** 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   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   for the first entry that starts with "K".

Voice Dialing a Number

Press  > **Office Tools**, press **Dialing Services** > **Voice Dial**, and say the entry's name (within 2 seconds).

Tip: To create a shortcut to **Voice Dial**, press  > **Office Tools** > **Dialing Services**, scroll to **Voice Dial**, and hold the . Your phone prompts you to save the shortcut. To use a shortcut, press  and the shortcut key number.

Sorting Phonebook Entries

Press  > **Phonebook**, press  > **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  > **Phonebook**, press  > **Categories**, then select whether you want to view **All** entries, entries in a predefined



category (**Business, Personal, General, VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 72.



Setting Up Your Phone

Storing Your Name and Phone Number



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

Find the Feature



> **Settings** > **Phone Status**
> **My Tel. Numbers**

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

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

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. Your phone can synchronize its time and date with the network:

Find the Feature



> **Settings** > **Initial Setup**
> **Time and Date** > **Autoupdate**
> **On**

To set the time and date manually, set **Autoupdate** to **Off** and then set the **Time** and **Date** options:





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 17).

To set a ring style:



Press	To
1	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**.

Shortcut: To change your ring volume from the home screen, press left or right.

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's home screen. The



wallpaper image appears as a faint watermark in text and menu displays.

Find the Feature



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

Press	To
1	scroll to Picture
2 CHANGE key	open the picture viewer
3 up or down	scroll to a picture/animation Scroll to (None) to turn off the wallpaper image.
4 SELECT key	select the image
5	scroll to Layout
6 CHANGE key	change the image layout
7	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

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.

Turn off the screen saver to extend battery life.

Find the Feature



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

Press	To
1	scroll to Picture
2 CHANGE key	open the picture viewer
3 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	scroll to Delay
6 CHANGE key	set the delay interval
7	scroll to the inactivity interval that starts the screen saver
8 SELECT key	confirm the delay setting
9 BACK key	save screen saver settings



Setting Display Color

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

Find the Feature



> **Settings** > **Personalize**
> **Color Style**

Adjusting the Backlight

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

Find the Feature



> **Settings** > **Initial Setup**
> **Backlight**

Setting Display Timeout

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

Find the Feature



> **Settings** > **Initial Setup**
> **Display Timeout**



Calling Features

For basic instructions on how to make and answer calls, see page 11.

Changing the Active Line



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

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

Find the Feature



> **Settings > Phone Status**
> **Active Line**

The active line indicator in the display shows the currently active phone line (see page 18).

Redialing a Number

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



Using Automatic Redial



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

To redial the phone number:

Press



or **RETRY** key

To

activate automatic redial

Your phone 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.

You can also set your phone to play a distinctive ringer ID and/or light ID for specific entries stored in your phonebook. For more information, see page 71.

Outgoing Calls



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





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

Press**To**> **Hide ID/Show ID**

hide or show your caller ID for the next call

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press**To****IGNORE** key

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.

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911, 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 	call the emergency number

Dialing International Numbers

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

Viewing Recent Calls

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

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

Find the Feature



> **Recent Calls**

Press	To
1 	scroll to Received Calls or Dialed Calls
2 SELECT key	select the list
3 	scroll to an entry
	✓ means the call connected.





Press	To
4	call the entry's number
or	Press and hold for 2 seconds to send the number as DTMF tones during a call.
VIEW key	view entry details
or	
	open the Last Calls Menu to view the options available for 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.
Attach Number	Attach a number from the phonebook or recent calls lists.

Option	Description
Send Tones	Send the number to the network as DTMF tones. 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 	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 the **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 	submit the number
3 	call the entry

Calling With 1-Touch Dial

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

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



> **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.

For more about these characters, see the *More Here* guide.



Using Call Waiting



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

Press	To
1	answer the new call
2 SWITCH key	switch between calls
or	
LINK key	connect the 2 calls
or	
> 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



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

Putting a Call On Hold

Press	To
HOLD key (if available)	put the call on hold
or	
> Hold	



Transferring a Call



You can announce that you are transferring an active call to another party, or you can transfer the call without announcing the transfer.

Announce the Call Transfer

Find the Feature



> Hold

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

Do Not Announce the Call Transfer

Find the Feature



> Transfer

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



Push to Talk (PTT) Calls



Push to Talk (PTT) is a feature that lets you talk walkie-talkie style with other PTT subscribers. You can talk to one person or a group.

Tip: To prevent accidental PTT calls, you can lock your keypad by pressing   in the home screen.

To make a PTT call:

- Enter a PTT subscriber's phone number with the keypad. Then hold the PTT key and speak after the tone. For call details, see page 58.
- Select a stored PTT contact or group in your list of **PTT Contacts**, **PTT Groups**, **Dialed Calls** or **Received Calls**. Then hold the PTT key and speak after the tone. For call details, see page 58.

Storing PTT Contacts and Groups

You can store PTT **Contacts** to make one-to-one calls, or you can store PTT **Groups** to make group calls.

Store a Contact

Find the Feature

PTT key  > **Add**



Enter the contact's **Name** and phone number (**No.**), then press the **DONE** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact displayed.

Store a Group

After you store PTT contacts, you can put the contacts in groups so that you can call a group of contacts at the same time.

Find the Feature

PTT key  > **PTT Groups**

 > **Create New Group**

Enter the group's **Name** and select **Members**, then press the **DONE** key. Your network stores the group and your phone returns to the **PTT Groups** list with the new group displayed.

Making PTT Calls

When  displays at the top of your home screen, you can make and receive PTT calls. To make a PTT call:



Action

- 1 Enter a PTT subscriber's phone number in your home screen.

or

Open your list of **PTT Contacts**, **PTT Groups**, **Dialed Calls**, or **Received Calls** and highlight a stored contact or group.

- To open **PTT Contacts**, press the PTT key.
- To open **PTT Groups**, press the PTT key and  > **PTT Groups**.
- To open **Dialed Calls** or **Received Calls**, press  > **Recent Calls** > **Dialed Calls** or **Received Calls**.

-
- 2 Press and hold the PTT key to make the call and speak. Speak after you hear the Connection to Speak tone.

-
- 3 Release the PTT key to let others speak.

To speak during a PTT call, hold the PTT key and speak after the Connection to Speak tone. If you speak before the Connection to Speak tone, part of your message may be lost.

If nobody speaks for 20 seconds, the call ends.

-
- 4 Press  to end the call.
-

Tip: To send a PTT Alert tone instead of a call, open the list of **PTT Contacts**, **Dialed Calls** or **Received Calls**, highlight a PTT contact, and press the **ALERT** key. The contact receives a tone, and they can speak first. If they do not respond, the call ends. You cannot send alert tones to groups.



Answering PTT Calls

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

- **To speak** when the caller releases their PTT key, hold your PTT key and speak after the Connection to Speak tone. Only one person can speak at a time.
- **To end the call**, press .

Tip: If you receive a PTT Alert tone, press the **ANSWER** key, press the PTT key, and speak after the tone. You can also press the **IGNORE** key when you receive a PTT Alert tone cancel the call.

Note: Your phone displays **Missed Call** if you miss a PPT Alert, but not if you miss a standard PPT call.

PTT Call Tones and Icons

Your phone uses tones and icons to indicate the status of PTT calls.

PTT Call Tones

Tone	Sent or Received When
Online Alert	a PTT contact or group comes online
Connection to Speak	the call is open for you to speak
Alert	you receive a PTT Alert call
Announce Call	you receive or send a standard call



Tone	Sent or Received When
Floor Unavailable	the floor is requested but is already in use
Busy	you initiate a Push to Talk call with a contact who is already on a call

PTT Call Icons

Icon	Displays When
	you receive a PTT Alert
	a call to one person is connecting
	a call to one person is connected
	you are talking to one person
	you are listening to one person
	you are receiving a group call
	a call to a group is connecting
	a group call is connected
	you are talking to a group
	you are listening to a member of a group (only one member can speak at a time)

Viewing and Editing PTT Contacts and Groups

To view PTT contacts, press the PTT key. Scroll to a contact and press to **View**, **Edit**, or **Delete** it.

To view PTT groups, press the PTT key and > **PTT Groups**. Scroll to a group and press to **View** or



Delete it. You cannot edit a group, but you can delete it and create a new one with the members you want.

The following icons display in contact and group lists:

Icon	Status of Contact or Group
	The contact is online.
	The group is online.
	The contact is offline.
	The group is offline.
	The contact is blocked from sending you PTT calls. Highlight the contact and press  > Block or Unblock . You cannot block a group.
	The contact is offline, but an Online Alert will notify you when the contact comes back online (see page 63).

To refresh the contact or group list from your network, press  > **Refresh List**.

To view only your frequently used contacts or groups, press  > **Frequently Used**

Changing PTT Settings

You can change your PTT menu and call preferences.

Find the Feature

PTT key  > **PTT Setup**
> **PTT Personalize**

You can change the following settings in the **PTT Personalize** menu:

Option	Description
Open To	Sort your contacts and groups by name (Top of List), or by the last call you received (Last Call).
Sort by	Sort your contacts and groups by Name , online Status , or call Frequency .
My Answer Mode	Set your mode for incoming PTT calls to Manual (standard mode where you press a key to answer), Auto-Accept (accepts all calls), or Do Not Disturb (accepts none).
PTT Speaker	Turn the speakerphone On or Off for PTT calls.
Set Online Alert Tone	Highlight an offline entry in your PPT Contacts or PPT Groups list, then open the PPT Personalize menu and select this option to set a one-time alert for when the contact or group comes online.



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
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts
- MMS Templates



Office Tools

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



Games & Apps



Web Access

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



Multimedia

- Themes
- Pictures
- Sounds
- MotoMixer



IM

- Log In
- Offline Convs.
- 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
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial



Ring Styles

- Style
- style Detail



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
- Contrast
- 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 Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords



Java Settings

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

* optional features



Push to Talk Menu

Press the Push to Talk key, then press  to display the menu.

5-way
Navigation
Key



- **Add**
- **View +**
- **Edit +**
- **Delete +**
- **Refresh List**
- **Block +**
- **PTT Groups**
 - Create New Group
 - View +
 - Set Alert to Online +
 - Refresh List
 - PTT Contacts
 - Frequently Used +
 - PTT Setup
- **Frequently Used +**
- **PTT Setup**
 - GPRS Settings
 - Server Settings
 - PTT Personalize
 - Open To
 - Sort By
 - My Answer Mode
 - PTT Speaker
 - Set Online Alert Tone +

+ These options only apply to a contact or group you highlight before you press  to open the menu.



Feature Quick Reference

This section helps you locate features on your phone that are not described in this guide. For more detailed information, see the *More Here* guide (described on page 6).

Calling Features

Feature	Description
Conference Call	During a call:  > Hold , dial next number, press  , press the LINK key
Call Forwarding	Set up or cancel call forwarding:  > Settings > Call Forward
Call Barring	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring
TTY Setup	Set up your phone for use with an optional TTY device:  > Settings > Initial Setup > TTY Setup



Messages

Feature	Description
Send Text Message	Send a text message:  > Messages > Create Message > New Short Message 
Send Multimedia Message	Send a multimedia message:  > Messages > Create Message > New Multimedia Msg 
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, then:  > Store 



Instant Messaging

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



Chat

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

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



Feature	Description
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: > Office Tools > Dialing Services > Voice Dial When prompted, say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry:  > Phonebook > <i>entry</i>  > Edit > Ringer ID > <i>ringer name</i> Note: The Ringer ID option is not available for entries stored on the SIM card.
Set Picture ID for Entry	Assign a picture to display when you receive calls from an entry:  > Phonebook > <i>entry</i>  > Edit > Picture > <i>picture</i> Note: The Picture option is not available for entries stored on the SIM card.



Feature	Description
Set Category for Entry	Set the category for a phonebook entry:  > Phonebook > entry  > Edit > Category > category name Note: The Category option is not available for entries stored on the SIM card.
Set Category View	Set a phonebook category view:  > Phonebook  > Categories > category view
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
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 Shortcut: Press  right or left in the home screen.
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



Feature	Description
Main Menu	Reorder your phone's main menu:  > Settings > Personalize > Main Menu > Reorder
Change Soft Key Labels	Change soft key labels 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



Feature	Description
Master Reset	Reset all options except unlock code, security code, and lifetime timer:  > 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:  > 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:  > Settings > Security > Fixed Dial Use the fixed dial list:  > Office Tools > Dialing Services > Fixed Dial 
Service Dial	Dial service phone numbers:  > Office Tools > Dialing Services > Service Dial 



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 or cost 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 a connected external 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:  > Settings > Car Settings > Power-Off Delay
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off:  > 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, press  > Talk Then Fax , then press  to make the call.



Network Features

Feature	Description
Network Settings	View network information and adjust network settings:  > Settings > Network



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
Set Alarm	Set an alarm:  > Office Tools > Alarm Clock



Feature	Description
Turn Off Alarm	Turn off alarm: Press the DISABLE key or . Set 8-minute delay: Press the SNOOZE key.
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:  > 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:  > Settings > Security > Lock Application



News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session:  > Web Access > Browser 
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. 
Web Sessions	Select or create a Web session:  > Web Access > Web Sessions 
Apply Phone Theme	Apply a grouped set of image and sound files to your phone:  > Multimedia > Themes > theme 
Download Game or Application (micro-browser)	Download a Java game or application with the micro-browser:  > Web Access > Browser, highlight the application, press the SELECT key, press the DOWNLOAD key 



Feature	Description
Download Game or Application (computer)	Download a Java game or application from a computer:  Connect your phone to the computer, press  > Settings > Java Settings > Java App Loader .
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
Edit Sounds With MotoMixer	Edit MIDI-based sound files that you can use with your phone:  > Multimedia > MotoMixer > [New Mix] or mix file name
Create Ring Tones	Create ring tones that you can use with your phone:  > Multimedia > Sounds > [New iMelody]



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

This 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 ____ W/kg, and when worn on the body, as

described in this user guide, is ____ 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.

Specific Absorption Rate Data

This model phone meets the international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the international limit for exposure to radio frequency (RF) energy. This limit is part of comprehensive guidelines and establishes 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 guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.¹ Tests for SAR are conducted using standard operating positions 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 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 base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is ____ W/kg.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.

1. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
2. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

DRAFT

Index

A

- accessories 6, 67
- accessory connector port 1
- active line indicator 18
- active line, changing 46
- alarm clock 81
- alert
 - creating 84
 - defined 42
 - setting 10, 42, 73
 - turning off 11
- animation
 - downloading 83
 - screen saver 44
 - viewing 84
 - wallpaper 42
- answering a call 11
- application, locking and
 - unlocking 82
- automatic redial 47

B

- backlight 45
- barring calls 67
- battery
 - charging 9

- extending battery life 7, 45
- installing 8
- level indicator 20
- browser. <Italic>See micro-browser

C

- calculator 82
- call
 - alert, turning off 11
 - answering 11
 - barring 67
 - barring password, changing 34
 - call waiting 55
 - costs 78
 - dialed calls list 49
 - dialing 11
 - emergency number 48
 - ending 11
 - forwarding 67
 - handsfree speaker 34
 - hold 55
 - international access code 49
 - making 11
 - received calls list 49

- receiving 11
- ring style 10, 42, 73
- speakerphone 79
- timers 78
- transferring 56
- unanswered call 51
- Call Failed, Number Busy
 - message 47
- call waiting 55
- caller ID 47
- calling line identification.
 - <Italic>See caller ID
- category
 - phonebook entry 72
 - view 72
- center select button 20
- character chart 28
- chat 70
- clock
 - selecting analog or digital 73
 - setting 41
- codes
 - changing 34
 - default 34, 36
 - forgetting 36
- color, setting 45
- conference call 67
- customizing the menu 73

D

- data call 80
- date, setting 41
- datebook 81
- dialed calls list 49
- dialing a number 11, 76, 77
- display
 - backlight 45
 - color 45
 - description 16
 - home screen 16
 - language 74
 - personalizing 74
 - timeout 45
- distinctive ringer alert 73
- DTMF tones
 - activating 77
 - sending 77

E

- earpiece volume 10
- emergency number 48
- end key 1
- ending a call 11
- Enter Unlock Code
 - message 35

F

- fax call 80
- 5-way navigation key 1, 20
- fixed dial 76

forwarding calls 67

G

games 83, 84

GPRS indicator 17

groove tunes 84

H

handsfree speaker 34

headset jack 1

hold a call 55

home keys, personalizing
74

home screen

defined 16

selecting clock view 73

I

IM 69

incoming call

answering 11

forwarding 67

Incoming Call message 47

indicators

active line 18

battery level 20

GPRS 17

Java midlet 19

location 20

message 19

message waiting 14

messaging presence 19

Push to Talk (PTT) 19

ring style 20

roam 18

signal strength 17

text case 26

text entry method 19, 26

transmission 18

voicemail message 19,
54

instant messaging.

<Italic>See IM

international access code
49

iTAP software 29

J

Java applications 83, 84

Java midlet indicator 19

joystick 1

K

key

center select button 20

end 1

5-way navigation 1, 20

left soft key 1, 16, 74

locking 37

menu 1

power 1

Push to Talk (PTT) 33

- right soft key 1, 16, 74
- send 1
- voice 1
- volume control 1, 10
- keypad
 - locking 37
 - volume, setting 73

L

- language, setting 74
- left soft key
 - functions 1, 16
 - personalizing 74
- line, changing 46
- location indicator 20
- lock
 - application 82
 - keypad 37
 - phone 35
 - SIM card 82
- Low Battery message 20

M

- making a call 11
- master clear 75
- master reset 75
- menu
 - entering text 23
 - icons, changing in home screen 74

- icons, converting to text 73
- language, setting 74
- personalizing 74
- rearranging features 74
- using 21
- view, changing 73
- menu key 1
- message
 - chat 70
 - MMS template 68
 - MMS, defined 12
 - multimedia message 68
 - reading 68
 - text 68
- message indicator 19
- message waiting indicator 14
- messaging presence indicator 19
- micro-browser
 - browser setup 83
 - Java applications 83, 84
 - using 83
 - Web sessions 83
- MMS template 68
- MMS. <Italic>See message
- MotoMixer 84
- multimedia message
 - receiving 14
 - sending 12, 68

multimedia messaging
 service. <Italic>See
 message
my telephone number 11,
 41

N

network settings 81
notepad 51
number
 storing your number 41
 viewing your number 11
numbers, entering 31

O

1-touch dial
 setting preference 72
 using 53
optional accessory, defined
 6
optional feature, defined 6

P

passwords. <Italic>See
 codes
phone
 active line indicator 18
 active line, changing 46
 alert, turning off 11
 clear stored information
 75

 codes 34
 date, setting 41
 language, setting 74
 locking 35
 network settings 81
 open to answer 11
 reset all options 75
 ring style 10, 42, 73
 security code 34
 time, setting 41
 turning on/off 10
 unlock code 34
 unlocking 10, 35
 phone number
 active line indicator 18
 active line, changing 46
 attaching 2 numbers 52
 international access code
 49
 redialing 46
 storing in phonebook 70
 storing your number 41
 viewing your number 11
 phone theme 83
 phonebook
 attaching 2 numbers 52
 category for entry 72
 category view 72
 dialing a number 71
 group mailing list 70
 1-touch dial 53
 picture ID 38, 47, 71

- primary number, setting 72
- ringer ID 71, 73
- sorting entries 39, 72
- speed dial number 52
- storing an entry 70
- voice dialing 71
- photo
 - downloading 83
 - picture ID 47
- picture
 - downloading 83
 - screen saver 44
 - viewing 84
 - wallpaper 42
- picture ID
 - caller ID 47
 - setting 38, 71
- PIN code
 - changing 34
 - entering 82
- PIN2 code, changing 34
- power key 1
- predictive text entry 29
- primary text entry method 24
- PTT 57
 - calls, answering 60
 - calls, making 58
 - contacts, deleting 61
 - contacts, editing 61
 - contacts, storing 57
 - contacts, viewing 61
 - groups, deleting 61
 - groups, storing 58
 - groups, viewing 61
 - icons, call 61
 - icons, contact 62
 - indicator 19
 - key 33
 - locking PTT key 37
 - settings 62
 - tones 60
- Push to Talk. <Italic>See PTT
- Q**
 - quick dial 77
- R**
 - received calls list 49
 - recent calls 49
 - redial
 - automatic redial 47
 - busy number 46
 - right soft key
 - functions 1, 16
 - personalizing 74
 - ring style indicators 20
 - ring style, setting 10, 42, 73
 - ring tone
 - creating 84
 - downloading 83

- editing with MotoMixer 84
- managing 84
- ringer ID
 - setting 71
 - turning on/off 73
- ringer volume, setting 10, 73
- roam indicator 18

S

- screen saver 44
- secondary text entry
 - method 24
- security code
 - changing 34
 - default 34
- send key 1
- service dial 76
- shortcuts 74
- signal strength indicator 17
- silent alert, setting 10, 42, 73
- SIM Blocked message 10, 82
- SIM card
 - defined 7
 - installing 7
 - locking 82
 - PIN code entry 10
 - PIN code, changing 34
 - PIN2 code, changing 34

- precautions 7
- SIM Blocked message
 - 10, 82
- SIM PIN code
 - changing 34
 - entering 82
- SIM PIN2 code, changing 34
- soft keys
 - functions 16
 - illustration 1
 - personalizing 74
- sound
 - creating 84
 - downloading 83
 - managing 84
- Speaker On message 34
- speakerphone
 - activating 79
 - automatic answer 79
- speed dial 52
- standby time, increasing 45
- symbol chart 32
- symbols, entering 31

T

- tap method text entry 26
- telephone number
 - storing your number 41
 - viewing your number 11
- text

- capitalization, changing 25
- character chart 28
- entering 23
- entry method, selecting 24
- entry method, setup 25
- iTAP software predictive text entry 29
- numeric method 31
- symbol chart 32
- symbol method 31
- tap method 26
- text case indicator 26
- text entry method
 - selecting 24
 - setup 25
- text entry method indicator 19, 26
- theme 83
- time, setting 41
- timers 78
- transfer a call 56
- transmission indicator 18
- travel charger 9
- TTY device 67

U

- unlock
 - application 82
 - phone 35

- unlock code
 - bypassing 36
 - changing 34
 - default 34, 36
 - entering 10

V

- vibrate alert
 - setting 10, 42, 73
 - turning off 11
- voice dial 71, 79
- voice key
 - dialing a number 71
 - illustration 1
- voicemail 53
- voicemail message indicator 19, 54
- volume
 - earpiece 10
 - keypad 73
 - ringer 10, 73
- volume keys 1, 10

W

- wallpaper 42
- Web pages 83
- Web sessions 83
- Welcome 1
- U.S. patent Re. 34,976

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