

APPLICANT: MOTOROLA, INC.

FCC ID: IHDT56EZ1

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 V635 GSM wireless phone.



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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual Number: TBD-O

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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 accessory.

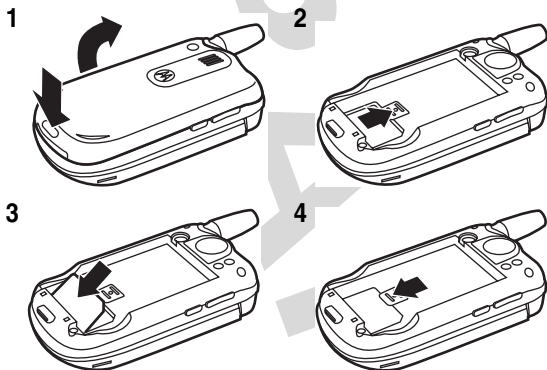
Installing the SIM and Memory Cards

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



Installing a SIM Card

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



Installing a Memory Card



You can install a memory card in your phone to store more multimedia files such as audio clips, pictures, and video clips.

Note: If you install the memory card when your phone is turned on, you might have to turn the phone off and on again before you try to use the card.

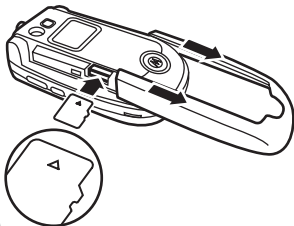


To install a memory card, slide the metal trim piece off the top of your phone.

Then, insert the card as shown. Press the card in until it clicks into place.

Tip: Use your fingernail along the top edge of the trim piece to start sliding it.

To select a memory card as your storage device, see page 14.



Battery Tips

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

- Always use Motorola Original™ batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, 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.

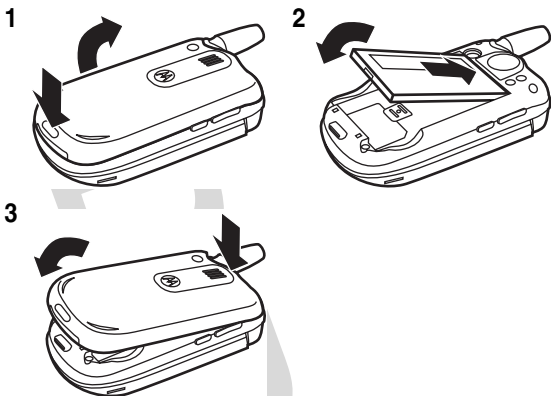
Warning: Never dispose of batteries in a fire because they may explode.

Before using your phone, read the battery safety information in the “Safety and General Information” section included in the gray-edged pages at the back of this guide.

Installing the Battery



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

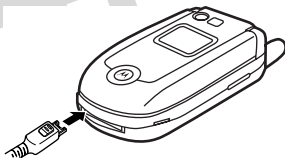


Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, 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 up or down on volume keys to:



- 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 you are finished |



Answering a Call

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



If **Open to Answer** is **On**, open the phone to answer the call.

Tip: To set **Open to Answer**, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**.)

If **Open to Answer** is **Off**:

| 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. Number**.

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 52. 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.

Using a Removable Memory Card

You can use a memory card with your phone to store and retrieve multimedia objects (such as photos and sounds). To install a memory card, see page 7.



To view and manage an installed memory card:

Find the Feature  > **Settings** > **Phone Status**
> **Storage Devices**

| Press | To |
|---|---|
| 1  | scroll to the memory card |
| 2 DETAILS key | view memory card information |
| or | |
|  | open the Storage Device menu to perform other procedures |

The **Storage Device** menu can include the following options:

| Option | Description |
|---------------|-------------------------|
| Format | Format the memory card. |
| Rename | Rename the memory card. |

To view files on the memory card in a multimedia list (such as **Pictures** or **Sounds**), press  > **Switch Storage Device** > **TRANS**. To view files stored on your phone again, press  > **Switch Storage Device** > **Phone**.



Using the Memory Card as a USB Drive

You can access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Find the Feature



> **Settings** > **Connection**
> **USB Settings** > **Memory Card**



™

This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:

On your computer:

Action

- 1 Open your "My Computer" window, where your phone's memory card displays as a "Removable Disk" icon.
- 2 Click on the Removable Hard Drive icon to access the files on your phone's memory card.

Action

3 To store the desired files onto the memory card, drag and drop them as follows:

MP3 files: > mobile > audio

screen savers: > mobile > picture

wallpapers: > mobile > picture

video clips: > mobile > video

4 When you finish, remove the device by selecting the “Safely Remove Hardware” icon in the system tray at the bottom of your screen. Then select “USB Mass Storage Devices” and “Stop”.

5 Select “USB Mass Storage Device” then “OK”.

On your phone:

To return to **Data Fax** as your USB default connection:

Find the Feature




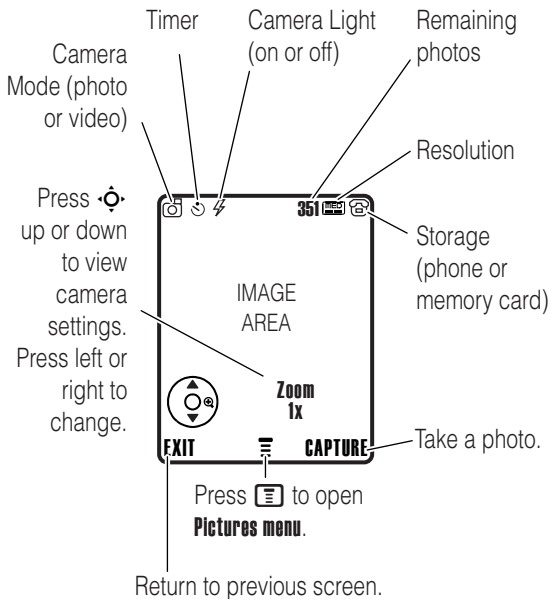
> **Settings** > **Connection**


> **USB Settings** > **Data/
Fax Connection**



Taking and Sending a Photo



Press  to display the camera viewfinder:




Tip: High-resolution images can only be stored on your memory card. To change picture resolution, press  > **Pictures Setup** > **Resolution** from the camera viewfinder. For more **Pictures Menu** options, see the table after the procedure.

Point the camera lens at the photo subject, then:



| Press | To |
|---|---|
| 1 CAPTURE key | take a photo |
| | Tip: Press  to open the Pictures Menu , where you can change options such as resolution. See the table following this procedure. |
| 2  | view options for storing or applying the photo |
| or | |
| SEND key | send the photo in a Multimedia Message (see page 22) |
| or | |
| DISCARD key | delete the photo and return to the active viewfinder |

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

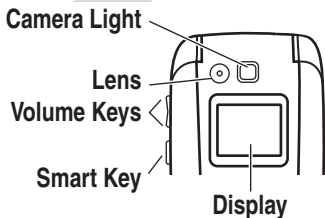
| Option | Description |
|------------------------------|--|
| Go To Pictures | View stored pictures and photos. |
| Go To Video Mode | Switch to the video camera. |
| Switch Storage Device | Choose to store and view pictures on your phone or memory card.  Note: You can only store High resolution images on your memory card. |



| Option | Description |
|---------------------------|--|
| Auto-Timed Capture | Set a timer for the camera to take a photo. Note: If you close the phone, it will still take a photo when the timer is done. |
| Light On/Off | Turn the camera light on or off. Note: The light stays on until you take a picture, receive a phone call, or select Light Off . |
| Pictures Setup | Open the setup menu to adjust picture settings. Note: High-resolution images can only be stored on your memory card. |
| View Free Space | See how much memory remains. |

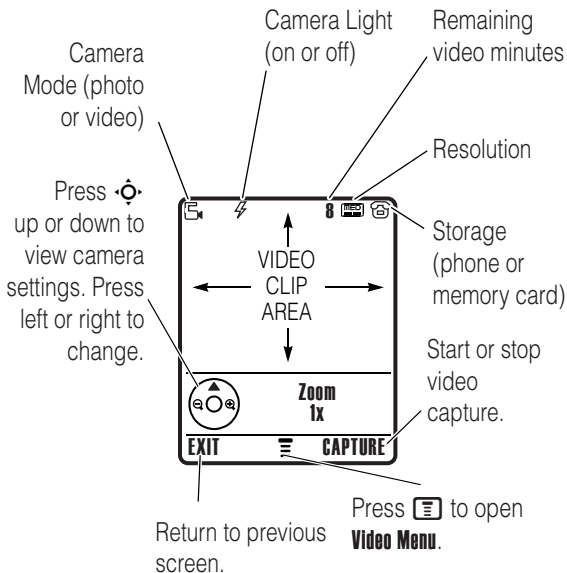
Taking a Self Portrait

If you close your phone while the viewfinder is active, the external display shows the image. Press the volume keys to zoom, or press the smart key to capture the image.




Recording Video Clips


Press  and  > **Go To Video Mode** to display the video viewfinder:



Note: You can only zoom before you start recording.

Tip: If you want to send your video in an MMS message, the video length must be set to MMS. To set length, press  > **Videos Setup** > **Video Length**. For more **Videos Menu** options, see the table after the procedure.

Point the camera lens at the video subject, then:

| Press | To |
|---|--|
| 1 CAPTURE key | start the video |
| 2 STOP key | stop the video |
| 3  | store the video |
| or | |
| SEND key | send the photo in a Multimedia Message (see page 22) |
| or | |
| DISCARD key | delete the photo and return to the active viewfinder |



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. |
| Go To Photo Mode | Switch to the photo camera. |
| Switch Storage Device | Choose to store videos on your phone or a memory card. |





| Option | Description |
|------------------------|---|
| Videos Setup | Open the setup menu to adjust video settings. Note: Set Video Length to MMS if you want to send your video in an MMS message. Set Video Length to Maximum to record longer clips you can store on your memory card. |
| 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.

Find the Feature





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

| Press | To |
|---|--|
| 1 keypad keys | enter text |
| 2  | open the MMS Menu |
| 3  | scroll to Insert |
| 4 SELECT key | display a list of items you can insert |
| 5  | scroll to a type of object to insert |


| Press | To |
|--|--|
| 6 SELECT key | select the object type |
| 7  | 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  | open the MMS Menu to insert a new slide |
| 10  | scroll to insert |
| 11 SELECT key | display a list of items you can insert |
| 12  | 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 |






| Press | To |
|--|---|
| 15  | scroll to a Send To option: <ul style="list-style-type: none"> • 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 |
| 18  | 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 |



Tip: You can answer an incoming call while you are creating a message. When you finish the call, you can find the message saved in  > **Messages** > **Drafts**.

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

READ key

To

open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file 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 74.

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 \odot to select a picture, and press the **SELECT** key to store it for the entry.

Selecting a Number

Press $\left[\text{☰} \right]$ > **Phonebook**, then press \odot to scroll to a number. To quickly highlight entries in a long **Phonebook** list:

- If your entries are sorted by **Name**, **Voice Name**, or **Email**, press keys for the letters in the name. For example, press $\left[5 \right]$ $\left[4 \right]$ $\left[7 \right]$ for the first three letters of “Lisa”. When the name you want appears at the bottom of your display, highlight it and press the **SEARCH** key to go to the entry. This works like iTAP™ text entry (see page 44).
- If your entries are sorted by **Speed No.**, press an entry’s speed number to highlight it. For example, press $\left[1 \right]$ $\left[5 \right]$ for entry number 15.

Dialing a Number

Press $\left[\text{☰} \right]$ > **Phonebook** > *entry to call*, then press $\left[\text{☎} \right]$.

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 26).





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 76.

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 76.

Setting Picture ID View

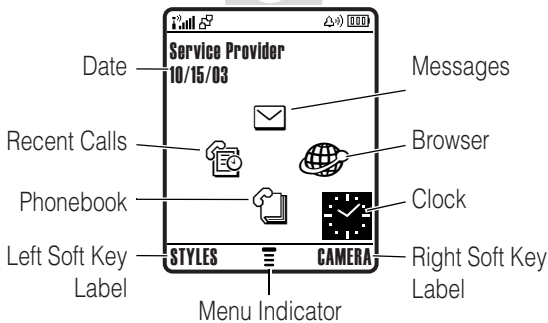
Press  > **Phonebook**, press  > **Setup** > **View by** > **Picture**.

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.





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

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



the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 78.

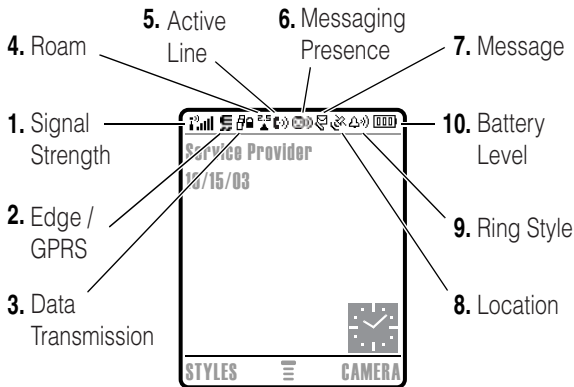
The  (menu) indicator indicates that you can press the menu key () to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left 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 78).

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. Edge / GPRS Indicator



Shows that your phone is using a high-speed General Packet Radio Service (GPRS) or Edge network connection. Indicators can include:

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

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

= line 1 active

= line 2 active

= line 1 active, call forward on

= line 2 active, call 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, can display in this location. To see Java applications, press > **Games & Apps**.

7. Message Indicator



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

= text message

= voicemail message

= voicemail and text message

= text message with attachment

= IM 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

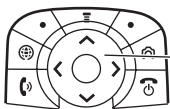
 = vibrate then ring

 = 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




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.












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 display in the main menu, depending on your service provider and service subscription options.




| Icon | Feature | Icon | Feature |
|---|------------------|---|---------------------|
|  | Phonebook |  | Recent Calls |
|  | Messages |  | Office Tools |

| Icon | Feature | Icon | Feature |
|---|-------------------------|---|-------------------|
|  | Games & Apps |  | Web Access |
|  | Multimedia |  | Settings |
|  | IM | | |

Selecting a Menu Feature

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

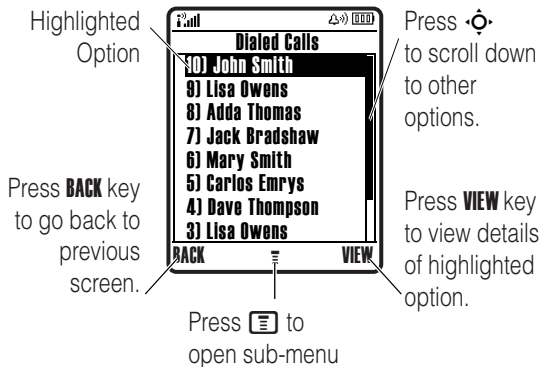
Find the Feature  > **Recent Calls** > **Dialed Calls**

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:



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

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

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

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


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

Entering Text

Some features require you to enter information.

Highlighted
Option

| Entry Details | |
|---------------|----------------|
| Name: | John Smith |
| Category: | General |
| No.: | 1-212-555-1212 |
| Type: | Work |
| Store To: | Phone |
| Voice Name: | |
| Speed No.: | 2 |
| Ringer ID: | None |
| CANCEL CHANGE | |

Press  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.

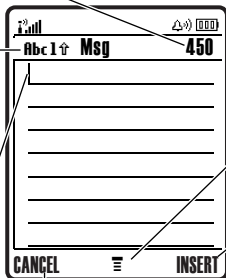



The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in the message.

Character Counter

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:

- 1** or  Your **Primary** text entry mode, which can be set to any iTAP® () or tap (**1**) mode (see following section).
- 2** or 
(if available) Your **Secondary** text entry mode, which can be set to any iTAP® () or tap (**2**) mode, or to **None** (see following section).
- 123** **Numeric** mode enters numbers only (see page 46).
- @** **Symbol** mode enters symbols only (see page 46).

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 44).
- 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

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 |
| 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:


123 = numeric mode **@** = symbol mode

Using Tap Mode

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

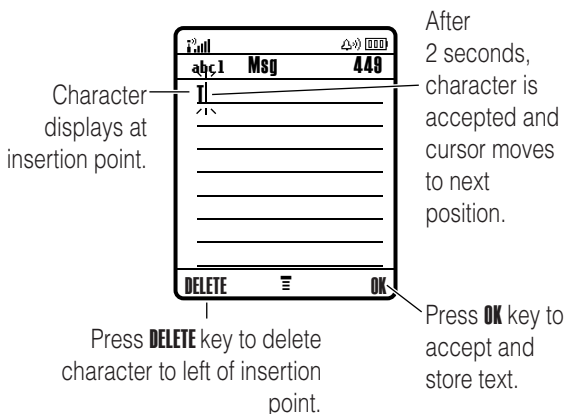
Tap mode cycles through the letters and number of the key you press. Tap Extended mode also cycles through additional symbols as shown in the chart on page 43.

| 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 |

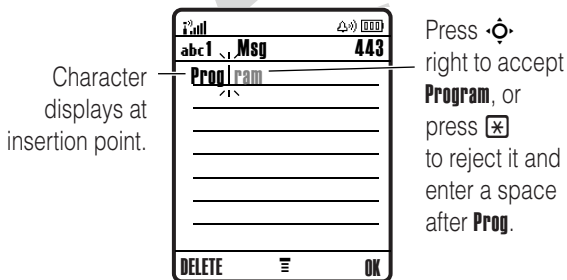
In a text entry screen, you can press  to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 39.



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



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



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

Character Chart

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

| | |
|---|---|
| 1 | .?! , @ ' - _ : ; () & " ~ 1 0 ÿ j % £ \$ ¥ ¤ € + x * / \ [] = > < # § |
| 2 | a b c 2 á á à â ã ç æ |
| 3 | d e f 3 é 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 ø |
| 7 | p q r s 7 |
| 8 | t u v 8 ú û ü 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, 1 first shows common characters for that editor.

Tap Mode 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. Press up or down to change a highlighted character to uppercase or lowercase.
- If you enter or edit information and do not want to save the changes, press 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.

For example, if you press , letter combinations that match your keypresses display:

Press up to accept **Program**.

Press right to highlight another combination. Press to enter **Prog** and a space.

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

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 **[#]** to switch entry modes. An indicator shows which mode is active (see page 40). If **ITAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 39.


| Press | To |
|---|--|
| 1 keypad keys (one press per letter) | show possible letter 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 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  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 ÿ j % £ \$ ¥ ¢ € + x * / \ [] = > < # § |
| 2 | @ _ \ a ß |
| 3 | / : ; d D e j F |
| 4 | " & ' g G h i |
| 5 | () [] {} k l L |
| 6 | ÿ j ~ m n w W |
| 7 | < > = p P r s S |
| 8 | \$ £ ¥ ¢ € q Q t u |
| 9 | # % * z x X c y Y |
| 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.

- For descriptions of status indicators, see page 29.
- For a description of the external camera display, see page 19.

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 60).

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 |

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



> **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**. To change the time or date on your phone.

Find the Feature



> **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 33).

To set a ring style:

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

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 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



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

Press

To

- | | | |
|---|-------------------|--|
| 1 | up or down | scroll to a picture/animation Scroll to (None) to turn off the wallpaper image. Tip: Press > Switch Storage Device to view pictures stored on the Phone or Trans memory card. |
| 2 | SELECT key | select the image |
| 3 | | scroll to Layout |
| 4 | CHANGE key | adjust the image layout |
| 5 | | 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. |

| Press | To |
|---------------------|----------------------------|
| 6 SELECT key | confirm the layout setting |
| 7 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.

Tip: 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 an image 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 triggers the screen saver |



| Press | To |
|----------------------------|--------------------------------|
| 8 SELECT key | confirm the delay setting |
| 9 BACK key | save the screen saver settings |

Setting Display Skin

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

Find the Feature  > **Settings** > **Personalize**
> **Skin**

Setting Display Brightness

Find the Feature  > **Settings** > **Initial Setup**
> **Brightness**

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**

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**



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



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

Tip: The active line indicator in the display shows the currently active phone line (see page 32).

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 **Number Busy**.

To redial the phone number:

Press



or **RETRY** key

To

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.

Outgoing Calls




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

Find the Feature




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



Shortcut: While dialing (with digits visible in the display), press  > **Hide ID/Show ID**.

Canceling an Incoming Call

While the phone is ringing or vibrating:

| Press | To |
|---|--------------------------|
|  | 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 |
|------------|---|
| volume key | turn off the alert (you can still answer) |


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  | 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 Press and hold  for 2 seconds to send the number as DTMF tones during a call (see page 81). |
| 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. |
| 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 (see page 81). Note: This option displays only during a call. |
| Talk then Fax | Talk and then send a fax in the same call (see page 84). |

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, insert a special character, or other perform other tasks |
| 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, from the home screen:

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

Calling With 1-Touch Dial

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

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 77).

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.



Using Call Waiting



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

| Press | To |
|---------------------------|----------------------|
| 1 | answer the new call |
| 2 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 | put the call on hold |

Press the **RESUME** key to resume the call, or press to see other options.






Transferring a Call



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


Announce the Call Transfer

Find the Feature  > **Hold**

| Press | To |
|---|---|
| 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 |



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 Applications *
- Calculator
- Datebook
- Shortcuts
- Voice Records
- Alarm Clock
- Dialing Services
 - Fixed Dial
 - Service Dial *
 - Quick Dial *



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

- Log In
- Offline Convs.
- IM Account
- 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
- USB Settings



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
- Storage Devices
- Software Update *
- 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
- 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

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  |
| Call Forwarding | Set up or cancel call forwarding:  > Settings > Call Forward  |
| Restrict Calls | Restrict outgoing or incoming calls:  > Settings > Security > Restrict Calls  |
| TTY Calls | 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 Msg  |
| 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  |
| Send Letter | Send a multimedia letter:  > Messages > Create Message > New Letter  |
| 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 |
|---------------------------------|---|
| 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.  |







Email

| Feature | Description |
|---------------------------|--|
| Send Email Message | Send an email message:  > Messages > Create Message > New Email  |
| Read Email Message | Read a new email message that you have received: Press the READ key.  |









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 |






| Feature | Description |
|---------------------------------|--|
| 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 > <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 > <i>category name</i> 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:  > Phonebook  > Setup > View by > <i>view</i> Note: The Picture option is not available for entries stored on the SIM card. |
| Sort Phonebook List | Set the order in which phonebook entries are listed:  > Phonebook  > Setup > Sort by > <i>sort order</i> |
| Set Primary Number | Set the primary number for a phonebook entry with multiple numbers:  > Phonebook , scroll to entry, press  > Set Primary > <i>phone number</i> |











| Feature | Description |
|---|---|
| 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 > <i>style</i> Detail > <i>event name</i> |
| Ringer IDs | Activate distinctive ring alerts assigned to phonebook entries:  > Settings > Ring Styles > <i>style</i> Detail > Ringer IDs |
| Ring Volume | Set ringer volume:  > Settings > Ring Styles > <i>style</i> Detail > Ring Volume |
| Keypad Volume | Set keypad keypress volume:  > Settings > Ring Styles > <i>style</i> Detail > Key Volume |







| Feature | Description |
|--|--|
| 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 |
| 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:  > <i>shortcut number</i> or  > Office Tools > Shortcuts > <i>shortcut name</i> |

Menu Features




| Feature | Description |
|---------------------|--|
| Language | Set menu language:  > Settings > Initial Setup > Language |
| 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 | <p>When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.</p> <p>Turn fixed dialing on or off:</p> <p> > Settings > Security > Fixed Dial</p> <p>Use the fixed dial list:</p> <p> > Office Tools > Dialing Services > Fixed Dial</p> |
| Service Dial | <p>Dial service phone numbers:</p> <p> > Office Tools > Dialing Services > Service Dial</p>  |




| Feature | Description |
|-------------------|--|
| Quick Dial | <p>Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.</p> <p>Dial preprogrammed phone numbers:</p> <p> > Office Tools > Dialing Services > Quick Dial</p> |
| DTMF Tones | <p>You can send Dual Tone Multi-Frequency (DTMF) tones to communicate with systems that require you to submit a PIN code or credit card number. To activate DTMF tones:</p> <p> > Settings > Initial Setup > DTMF</p> <p>To send DTMF tones during a call, press number keys.</p> <p>To send stored numbers as DTMF tones during a call, highlight a number in the phonebook or recent calls lists, then press  > Send Tones.</p> |






Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to



the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, 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:   > 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, then press  > Talk Then Fax  to make the call.  |

Bluetooth® Wireless Connections





| Feature | Description |
|--|--|
| Make Phone Visible to Other Device | <p>Allow an unknown Bluetooth device to discover your phone:</p>  <p> > Settings > Connection > Bluetooth Link > Setup > Find Me</p> <p>Tip: After the first connection, you do not need to select Find Me to reconnect.</p> |
| Connect to a Handsfree Device | <p>Connect to a handsfree device:</p>  <p> > Settings > Connection > Bluetooth Link > Handsfree > <i>device name</i> or Look for Devices</p> <p>Note: If necessary, enter the Bluetooth Passkey code for the device (consult the device user's guide, or try 0000).</p> |
| Connect to a Handsfree Device During a Call | <p>Switch to a headset or car kit during a call:</p>  <p> > Use Bluetooth</p> |
| Disconnect From Device | <p>Disconnect from a device:</p>  <p>Highlight the device name and press the DROP key.</p> |






| Feature | Description |
|-------------------------------|--|
| Edit Device Properties | <p>Edit the properties of a recognized device:</p> <p>Highlight the device name and press  > Edit.</p> <p>Tip: Use the Access setting to tell your phone to accept all connections from the device (Automatic), no connections (Ignore), or to prompt you (Ask).</p>  |
| Set Bluetooth Options | <p>Set your phone's Bluetooth options:</p> <p> > Settings > Connection > Bluetooth Link > Setup</p> <p>Tip: If you leave Power set to On all the time, your battery will not last as long.</p>  |







Network Features

| Feature | Description |
|------------------------------|---|
| Network Settings | View network information and adjust network settings:  > Settings > Network  |
| Update Phone Software | Install a phone software update that you received or downloaded from your service provider:  > Settings > Phone Status > Software Update  |






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 |




| Feature | Description |
|--|---|
| 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. |
| 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. |





| Feature | Description |
|---------------------------|--|
| 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 press  > Convert Currency . |


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 . |














| Feature | Description |
|-------------------------------|--|
| Lock Application | Lock phone applications:  > 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:  > Settings > Security > Certificate Mgmt |









News and Entertainment

| Feature | Description |
|---------------------------------------|--|
| Launch Micro-Browser | Start a micro-browser session: Press  . |
| 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. |



| Feature | Description |
|-------------------------------------|--|
| 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 | Download a Java™ game or application with the micro-browser: Press  , highlight the application, press the SELECT key, press the DOWNLOAD 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 Tip: Press  > Switch Storage Device to view files on your memory card or phone.  |



| Feature | Description |
|-----------------------------------|--|
| Manage Sounds | Manage ring tones, sounds that you have composed or downloaded:  > Multimedia > Sounds Tip: Press  > Switch Storage Device to view files on your memory card or phone. |
| Manage Video Clips | Manage video clips:  > Multimedia > Videos Tip: Press  > Switch Storage Device to view files on your memory card or phone. |
| Edit Sounds With MotoMixer | Edit MIDI-based sound files that you can use with your phone:  > Multimedia > MotoMixer > [New MotoMixer] or mix file name |
| 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

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 1.48 W/kg, and when worn on the body, as

described in this user guide, is 0.42 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.48 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

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