MOTOROLA

V220
GSM

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Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V220 GSM wireless phone.

This guide is a companion to the *Start Here* user's guide that is packaged with the Motorola V220 GSM wireless phone. Refer to the *Start Here* guide for general information about using the phone. This guide contains information about topics and features that are not covered in detail in the *Start Here* guide.

Note: This guide is not a replacement for the *Start Here* guide that you received with your wireless phone. You should retain your *Start Here* guide. The *Start Here* guide contains important safety, instructional, and general information on the use of your wireless phone that is not included in this guide. You are encouraged to review your *Start Here* guide whenever you have any questions concerning the use of your 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: 6809482A71-0

Menu Map

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* 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

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Contents

Messages

You can send and receive messages containing a variety of media objects, including text, photos, pictures, animations, sounds, voice records, and video clips.

Setting Up the Message Inbox

You must set up your message inbox *before* you can send and receive messages.

Note: Usually, your service provider has already set up the message inbox for you.

Find the Feature ⬆ > **Messages**
⬆ > **Message Setup**

To set up the message inbox, configure the following settings. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
MMS Message Setup	Set up the following *Multimedia Messaging Service* (MMS) features:
• **Hide Fields**: Specify which fields are hidden when composing a multimedia message or letter.	
• **Autosignature**: Create a signature you can append to outgoing multimedia messages and letters.	
• **Download**: choose to download new messages automatically, or to **Defer** (see page 8).	
• **Filter**: Reject incoming multimedia messages and letters from specific senders.	
• **Expire After**: Number of days your network should attempt to send undelivered multimedia messages and letters.	
• **Reply Type**: Standard type of reply to send to a received MMS message—(SMS) short text message, multimedia message, or multimedia letter.	
• **Size Limit**: Maximum size of incoming multimedia message to be downloaded to your phone.	
• **Server Info**: Select the server you want to use (information may be viewable only).	
Inbox View	Display sender or subject information with a multimedia message or letter.
Srvce Center No	Number of the service center that handles your outgoing text messages.
Auto Cleanup	Specify the number of days you want to keep messages in the inbox, or number of messages you want to keep.

Option	Description
Email Gateway	Port number for the email gateway that handles your outgoing email messages (required to send a text message to an email address).
SMS Alert	Activate or deactivate reminders and alerts for *Short Message Service* (SMS) text messages that you receive during a call.
Use GPRS	Use a high-speed GPRS connection to send and receive text messages.

Sending a Text Message

You can send an SMS *text message* to other wireless phone users, and to email addresses.

Find the Feature ⬆ > **Messages**
> **Create Message**
> **New Short Msg**

	Press	To
1	keypad keys	enter the text message
	or	
	INSERT (⬠)	insert a quick note, picture, animation, sound, or contact information
2	**OK** (⬠)	store the message
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** (⬠)	select [**One Time Entry**] or [**New Phonebook Entry**]
	or	
	ADD (⬠)	add a phonebook entry to the recipients list
		Press **DONE** (⬠) to store the numbers/addresses you add.
5	**CHANGE** (⬠)	select **Subject**
6	keypad keys	enter the subject
7	**OK** (⬠)	store the subject

Press	To
8 SEND (◇)	send the message
or	
▱	send the message, view message details, save the message in the drafts folder, or cancel the message

Sending a Quick Note Text Message

Quick notes are prewritten text messages that you can send quickly (for example, **On my way**). You can also create new quick notes.

Find the Feature ▱ > **Messages** > **Quick Notes**

Press	To
1 ⊙	scroll to the quick note
2 READ (◇)	read the quick note
or	
▱	open the Quick Note Menu to perform other procedures

The **Quick Note Menu** can include the following options:

Option	Description
New	Create a new quick note.
Edit	Edit the quick note.
Delete	Delete the quick note.
Send	Open a new message with the quick note in the **Msg** field.

Sending a Multimedia Message

An MMS *multimedia message* contains one or more slides with text and embedded media objects, synchronized in a single presentation. You can send the message to other wireless

phone users, and to email addresses.

Tip: The layout of all slides is determined by the layout of the first slide to contain both text and a picture or video clip. Place the cursor in the first half of the slide text to insert a picture or video clip above the text. Place the cursor in the second half of the slide text to insert a picture or video clip below the text.

Find the Feature ▱ > **Messages**
> **Create Message**
> **New Multimedia Msg**

Press	To
1 keypad keys	enter slide text
2 ▱	open the **MMS Menu**
3 ⊙	scroll to Insert

Press	To
4 SELECT (◇)	display a list of items you can insert
5 ⊙	scroll to **Picture**, **Voice Record**, **Sound**, **Soundtrack**, **Video**, **Quick Note**, **Contact Info**, or **MMS Templates**
6 SELECT (◇)	select the file type
7 ⊙	highlight the file you want
8 SELECT (◇)	insert the file
	To add another slide to the message, continue to step 9.
9 ▱	open the **MMS Menu** to insert a new slide
10 ⊙	scroll to **Insert**
11 SELECT (◇)	display a list of items you can insert
12 ⊙	scroll to **New Page**
13 SELECT (◇)	insert a new slide after the current slide
	Repeat steps 1 to 8 to enter contents for the new slide.

To edit the multimedia message, press ▱ to open the **MMS Menu**. The **MMS Menu** can include the following options:

Option	Description
Insert	Insert a **Picture**, **Voice Record**, **Sound**, **Soundtrack**, **Video**, **New Page**, **Quick Note**, or **MMS Template**.
Delete Audio	Delete the sound file attached to the current slide.
Delete Page	Delete the current slide.
Preview	Play the multimedia message.
Set Page Timing	Set the number of seconds each slide is displayed.
Next Page	Advance to next slide.
Previous Page	Go back to previous slide.
Entry Mode	Select the text entry method.
Entry Setup	Set primary and secondary text entry methods.

When you finish composing the multimedia message:

Press	To
1 OK (◇)	store the message
2 ⊙	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.

Press		To
3	**SELECT** (◌)	select [One Time Entry] or [New Phonebook Entry]
	or	
	ADD (◌)	add a phonebook entry to the recipients list
		Press **DONE** (◌) to store the numbers/addresses you add.
4	◎	scroll to **Subject**
5	**CHANGE** (◌)	select **Subject**
6	keypad keys	enter the subject
7	**OK** (◌)	store the subject
8	**CHANGE** (◌)	select **Attachments**
9	◎	scroll to **Picture**, **Sound**, or **Video**
10	**SELECT** (◌)	select the file type
11	◎	highlight the file you want
12	**SELECT** (◌)	attach the file
13	**BACK** (◌)	return to the message editor
14	◎	scroll to **Receipt**
15	**CHANGE** (◌)	select **Receipt**
16	**ADD** (◌) or **REMOVE** (◌)	activate/deactivate the delivery report
17	**DONE** (◌)	return to the message editor
18	**SEND** (◌)	send the message
	or	
	⬡	send the message, view message details, save the message in the drafts folder, or cancel the message

Using MMS Templates

MMS templates are multimedia message templates with preloaded media content. You can select an MMS template and use it as you would for a multimedia message.

If a media object in a template cannot be edited, you will be unable to highlight the object.

Find the Feature   ⬡ > **Messages**
            > **Create Message**
            > **MMS Templates**

Sending a Multimedia Letter

An MMS letter can contain media objects inserted within a text message, and/or media objects attached to the message. You can send the letter to other wireless phone users, and to email addresses.

Find the Feature   ⬡ > **Messages**
            > **Create Message**
            > **New Letter**

Press		To
keypad keys		enter text for the letter
or		
INSERT (◌)		insert a quick note, media object, voice record, or contact info

You can insert media objects into the letter as you type it. Photos, pictures, and animations display in the letter. Sounds and video clips are represented by a sound file or video clip indicator.

To insert a media object at the cursor location:

Press		To
1	⬡	open the **Msg** menu
2	◎	scroll to **Insert Options**
3	**SELECT** (◌)	display a list of items you can insert
4	◎	scroll to **Quick Note**, **Picture**, **Sound**, **Video**, **Voice Record**, or **Contact Info**
5	**SELECT** (◌)	select the file type
6	◎	highlight the file you want
7	**SELECT** (◌)	insert the file

To edit the multimedia letter, press ⬡ to open the **Msg** menu. The **Msg** menu can include the following options:

Option	Description
Insert Options	Insert a **Quick Note**, **Picture**, **Sound**, **Video**, **Voice Record**, or **Contact Info**.
Copy Text	Copy some letter text.
	Position the cursor at the start location, press **START** (◌), highlight the text, then press **COPY** (◌).
Cut Text	Cut some letter text.
	Position the cursor at the start location, press **START** (◌), highlight the text, then press **CUT** (◌).
Copy All Text	Copy all letter text.
Cut All Text	Cut all letter text.
Paste	Paste copied or cut text at the cursor location.
Entry Mode	Select the text entry method.
Entry Setup	Set primary and secondary text entry methods.

When you finish composing the letter:

	Press	To
1	OK (⊙)	store the letter
2	⊙	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.
3	**SELECT** (⊙)	select [**One Time Entry**] or [**New Phonebook Entry**]
	or	
	ADD (⊙)	add a phonebook entry to the recipients list
4	**DONE** (⊙)	store the numbers/addresses
5	⊙	scroll to **Subject**
6	**CHANGE** (⊙)	select **Subject**
7	keypad keys	enter the subject
8	**OK** (⊙)	store the subject
9	**CHANGE** (⊙)	select **Attachments**
10	⊙	scroll to **Picture**, **Sound**, or **Video**
11	**SELECT** (⊙)	select the file type
12	⊙	highlight the file you want
13	**SELECT** (⊙)	attach the file
14	**BACK** (⊙)	return to the message editor
15	⊙	scroll to **Receipt**
16	**CHANGE** (⊙)	select **Receipt**
17	**ADD** (⊙) or **REMOVE** (⊙)	activate/deactivate the delivery report
18	**DONE** (⊙)	return to the message editor
19	**SEND** (⊙)	send the message
	or	
	▱	send the message, view message details, save the message in the drafts folder, or cancel the message

Viewing the Status of Sent Messages

Messages that you send are stored in the outbox.

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

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:

» = sending in progress   ☑ = sent

✗ = sending failed

For additional information, highlight a message and press ▱ > **Message Status**.

Tips For Sending Messages

- Press ⊡ to select a text entry method when you enter message text.

- When you enter a text message, a counter at the top of the display switches between the number of pages you have written (preceded by a *****), and the number of characters left on the current page. Network charges are based on the number of pages sent.

- When you enter a multimedia message or multimedia letter, a counter at the top of the display shows the current message/letter size. Network charges are based on the size of the message/letter.

- When you manually enter phone numbers and/or email addresses in the **To** field, you must insert a space between each entry. Press ⊙ to the right to insert a space between each phone number or email address.

Receiving a Message

Network / Subscription Dependent Feature
When you receive a message, your phone displays the ✉ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (⊙)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

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

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 embedded 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 **VIEW** (⊙) (image file type), **PLAY** (⊙) (sound file or video clip), or **OPEN** (⊙) (object such as phonebook or datebook entry, or unknown file type).

Reading, Locking, or Deleting a Message

Messages in the message inbox are sorted from newest to oldest. The following indicators show message status:

✉ = unread	▣ = unread (with attachment)
📭 = read	📄 = read (with attachment)
🔒 = read and locked	🔏 = read and locked (with attachment)

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature ⬡ > **Messages** > **Message Inbox**

	Press	To
1	⊙	scroll to the message
2	**READ** (⊖)	open the message
	or	
	⬡	open the Message Menu to perform other procedures

The **Message Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Replay	Replay a multimedia message.
Reply	Open a new message, with the sender's number or email address in the **To** field.
Reply To All	Open a new message, with the sender's number/address in the **To** field, and all other recipients listed in the **Cc** field.
Forward	Open a copy of the message, with an empty **To** field.
Lock or Unlock	Lock or unlock the message.
Store	Display a list of storable items, including inserted and attached files, and the sender's number or email address.
Delete	Delete the message.
Create Message	Open a new message.

Option	Description
Chat	Start a chat session with the sender.
Setup	Open the message inbox setup menu.

Storing an Object from a Message

(Network / Subscription Dependent Feature) To store a media object contained in a multimedia message or letter, go to the slide that contains the object, or highlight the object in the letter, and then:

	Press	To
1	⬡	open the **Message Menu**
2	⊙	scroll to **Store**
3	**SELECT** (⊖)	display a list of storable items
4	⊙	scroll to **File**
5	**SELECT** (⊖)	display the name of the object(s) in the current slide, or the name of the highlighted object in the letter
6	⊙	highlight the object filename, if necessary
7	**STORE** (⊖)	view storage options
8	⊙	scroll to **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Ring Tone**, or **Apply as Power Up Animation** (only options appropriate to the file type are listed)
9	**SELECT** (⊖)	perform the storage option of your choice

Reading Browser Messages

(Network / Subscription Dependent Feature) Your network's Web server can send you *browser messages* that you can read in your micro-browser.

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

	Press	To
1	**GO TO** (⊖)	launch the micro-browser and view the message
	or	
	EXIT (⊖)	close the new message notification

To view your browser messages at any time:

Find the Feature ⬡ > **Messages** > **Browser Msgs**

Press	To
1 ⊙	scroll to a message
2 SELECT (⊖)	open the message

Reading Information Service Messages

Information service messages are broadcast messages that you can receive, such as stock updates or news headlines.

Setting Up the Information Services Message Inbox

You must set up your information services message inbox *before* you can receive information services messages.

Note: Usually, your service provider has already set up the information services message inbox for you.

Find the Feature	⛛ > **Messages**
	⛛ > **Info Srvc Setup**

Press	To
1 CHANGE (⊖)	change the **Service** setting
2 ⊙	scroll to **On** or **Off** to turn cell broadcasts on or off
	Note: Your phone may provide an additional **Browser Services** option on this menu.
	See page 35.
3 SELECT (⊖)	select the service setting
4 SELECT (⊖)	select **Active Channels** to set the subscription channels
5 ⊙	scroll to an active channel that you want to disable, or scroll to [**New Channel**] to add a new channel
6 BACK (⊖)	return to the cell broadcast menu when you are finished setting subscription channels
7 CHANGE (⊖)	change the **Quick View** channel
8 keypad keys	enter the quick view channel number
9 OK (⊖)	store the quick view channel number
10 CHANGE (⊖)	change the **Save Q.View** setting
11 ⊙	scroll to **Yes** or **No** to set whether you want to save single-line quick view messages in the inbox
12 SELECT (⊖)	store the save setting
13 CHANGE (⊖)	change the **Languages** setting

Press	To
14 ⊙	scroll to **Lang2** through **Lang4** and set the languages in which you want to accept cell broadcasts
	Note: You cannot change the **Lang1** setting. **Lang1** is the default phone language set on the **Initial Setup** menu.
15 DONE (⊖)	return to the cell broadcast menu when you are finished setting broadcast languages
16 CHANGE (⊖)	change the **Auto Cleanup** setting
17 ⊙	scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep
18 DONE (⊖)	save the information services message inbox settings

Receiving an Information Services Message

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

Press	To
READ (⊖)	open the message

If the new message is a short quick view message, it displays in your screen.

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

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

Reading, Locking, or Deleting an Information Services Message

Messages in the information services message inbox are sorted from newest to oldest. The following indicators show message status:

✉ = unread	📂 = read
🔒 = read and locked	

The oldest messages are deleted automatically as specified by the inbox Cleanup setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature	⛛ > **Messages** > **Info Services**

Press		To
1	☺	scroll to the message
2	**READ** (☐)	open the message
	or	
	☐	open the **Info Srvc Menu** to perform other procedures

The **Info Srvc Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Forward	Open a copy of the message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.
Store Number or **Store Address**	Open a new phonebook entry with the message's embedded number or email address in the **No.** or **Email** field.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Setup	Open the information services message inbox setup menu.

Read and Save a Quick View Message

Quick view messages are short information service messages that display in your screen. Your phone alerts you when you receive a new quick view message.

Action
Read the quick view message, then press ☐ to delete it.

If the message is more than 2 lines, you can press **SAVE** (☐) to save it in your information services inbox. To automatically save quick view messages, see page 10.

Note: Broadcast or browser services send quick view messages on quick view channels. To set up a quick view channel, see page 10.

Using Instant Messaging

Use *instant messaging* to exchange messages in real time with other wireless phone users. The messages you send display immediately on the other users' phones.

Logging In To IM

Find the Feature   ☐ > **IM** > **Log In**

Press		To
1	keypad keys	enter your **IM ID**
2	**OK** (☐)	submit your **IM ID**
3	keypad keys	enter your **Password** (case-sensitive)
4	**OK** (☐)	submit your Password
		Tip: To log in automatically next time, scroll to **Offline Settings** > **Auto Login** after you submit your password.
5	☺	scroll to your **Contact List**
6	**SELECT** (☐)	view the **Contact List**

Your **Contact List** is sorted by online status:

- **Conversations** display first. These are online IM users having active conversations with you. Press **VIEW** (☐) to open your conversation with them.

- **Online Contacts** are logged in to IM. Press **SEND IM** (☐) to send the person a message. A ⛔ (busy) indicator shows that someone is busy and unable to respond.

- **Offline Contacts** are logged out of IM. An ♤ (alert) indicator shows that you have set an alert for the person. You can press **SEND IM** (☐) to send a message, in case the person has logged in since you refreshed your list.

Note: To refresh your **Contact List**, press ☐ > **Refresh List** while viewing the list.

Sending and Receiving Instant Messages

When you log in to IM, you can exchange messages with other IM users.

Press		To
1	☺	scroll to a name on the Contact List
2	**SEND IM** (☐)	start a conversation with the person
	or	
	VIEW (☐)	open a conversation in progress
3	keypad keys	enter message text
4	**SEND** (☐)	send the message

Your phone displays the conversation history, where you can see the text you sent and the person's replies as they arrive. In the conversation display, you can:

Press	To
BACK ($\triangle$)	return to the **Contact List**, where you can open more conversations
$\boxdot$	return to the home screen, without logging out of IM or closing the conversation
	Note: Your phone displays ▨ **New IM** if you receive a message while on the home screen or in another application.
$\boxed{\equiv}$ > **Contact Info**	view the screen name and online status of the person in this conversation
$\boxed{\equiv}$ > **Add Contact**	add the screen name to your Contact List
$\boxed{\equiv}$ > **End Conversation**	end the conversation

Note: If you log out of IM, you can still view the conversation text by pressing $\boxed{\equiv}$ > **IM** > **Offline Convs.** from the home screen. Turning off your phone erases the conversations.

Setting Your Online Status

When you log in to IM, your online status is visible to other IM users. To set your online status:

	Press	To
1	$\odot$	scroll to **My Status**
2	**SELECT** ($\triangle$)	select the option
3	$\odot$	scroll to **Available**, **Busy**, or **Invisible**
4	**SELECT** ($\triangle$)	select the status setting

Setting Up IM

Adding and Removing Contacts

To add a name, open your **Contact List** or a conversation and press $\boxed{\equiv}$ > **Add Contact**. If you are not in a conversation, enter the new screen name and press **OK** ($\triangle$). IM returns an error if it cannot verify the name on the server.

To remove a name from your **Contact List**, highlight the name and press $\boxed{\equiv}$ > **Delete Contact**.

Setting an Alert for Offline Contacts

To receive notification when someone logs in to IM, highlight the name in your **Contact List** and press $\boxed{\equiv}$ > **Set Online Alert**.

Setting Your Busy Message

If you are logged in to IM but not responding to new messages, you can set the ▨ (busy) indicator to display next to your name in everyone else's **Contact List**. From the **IM Online** menu, select **My Status** > **Busy**.

To create or edit a busy message that is automatically sent to IM users attempting to contact you, select **Busy Message** from the **IM Online** menu.

The **IM Online** menu displays when you log in, and when you press **BACK** ($\triangle$) from your **Contact List**.

Setting Your IM Alert

IM can sound an alert when new messages arrive, or when a person for whom you have set an alert logs in to IM.

To turn the IM alert on or off, select **Settings** > **Set Sounds** from the **IM Online** menu.

Logging Out of IM

Select **Log Out** from the **IM Online** menu.

Using Chat

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

Start a Chat Session

Find the Feature	$\boxed{\equiv}$ > **Chat**
	$\boxed{\equiv}$ > **New Chat**

	Press	To
1	keypad keys	enter your **Chat Name**
2	**OK** ($\triangle$)	submit your **Chat Name**
3	$\odot$	scroll to **To**
4	keypad keys **or** BROWSE ($\triangle$)	enter your chat partner's phone number select a number from the phonebook or recent calls lists
5	**OK** ($\triangle$)	store the number
6	$\odot$	scroll to **Msg**
7	keypad keys **or** INSERT ($\triangle$)	enter your first chat message insert a quick note
8	**OK** ($\triangle$)	send the chat message. When your chat partner replies, the reply displays below your text.
9	**CHAT** ($\triangle$)	enter a reply to your partner
10	**OK** ($\triangle$)	send your reply

- You can start a chat session from a text message. Press $\boxed{\equiv}$ and select **Chat** to start a new session with the sender's **Reply To** number in the **To** field.

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

Using the Chat Log

The chat log displays the messages exchanged in a chat session.

Chat Name

Press ⊙ to scroll and see more text.

Message Status:
» = sending
✗ = failed

Chat Text

Newest messages display at bottom of log.

Exit chat.   Enter reply.

Press ▱ to open sub-menu.
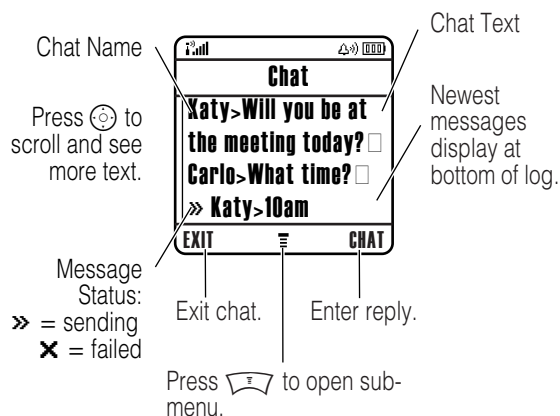
Using the Chat Menu

During a chat session, press ▱ to open the **Chat Menu** to perform the following procedures:

Option	Description
New Chat	Open a new chat session.
Call Partner	Call your chat partner.
Call Number	Call the number listed in the chat log.
Store Number	Create a phonebook entry for the number listed in the chat log.
End Chat	End the chat session.
Go to Top	Go to the top of the chat log.
Go to Bottom	Go to the bottom of the chat log.
Clear Log	Clear all text from the chat log.
Re-send	Re-send your most recent chat message, if it failed.
Send Message	Create a new chat message.

Responding to Chat

When you receive a chat message, your phone displays Chat from chat name, and sounds an alert.

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

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone.

If you receive another chat request during a chat session, the new request displays as an incoming text message, with the requestor's *chat name* at the beginning of the message.

Ending a Chat Session

	Press	To
1	▱	open the **Chat Menu**
2	⊙	scroll to **End Chat**
3	**SELECT** (⊙)	select **End Chat**
4	**YES** (⊙)	end the chat session

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.
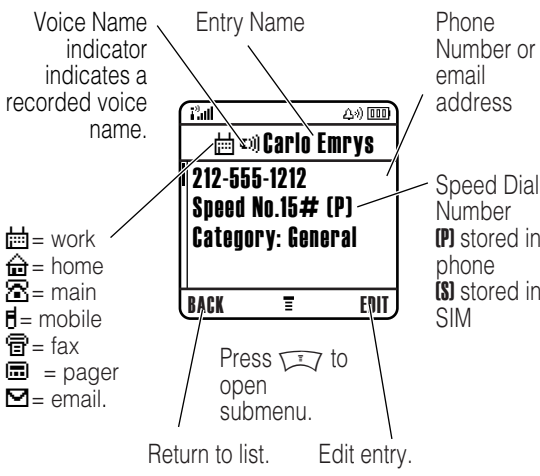
Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's *chat name* at the beginning of the message.

If you exit the chat log without selecting **End Chat**, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.

Setting Up Your Phonebook

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

To see the names in your phonebook, press ⟐ > **Phonebook** from the home screen. Scroll to a name and press **VIEW** (⟐) to view the following details for the phonebook entry.

Voice Name indicator indicates a recorded voice name.

Entry Name

Phone Number or email address

📠 🔊 **Carlo Emrys**

212-555-1212
Speed No.15# (P)
Category: General

Speed Dial Number
(P) stored in phone
(S) stored in SIM

📠 = work
🏠 = home
☎ = main
📱 = mobile
📠 = fax
📟 = pager
✉ = email.

BACK　　**EDIT**

Press ⟐ to open submenu.

Return to list.　　Edit entry.

Note: Entries stored on the SIM card only have **Name**, **No.**, **Store To**, and **Speed No.** information.

Creating a Phonebook Entry

To store a phone number or email address in the phonebook:

Find the Feature	⟐ > **Phonebook**
	⟐ > **New** > **Phone Number** or **Email Address**

Shortcut: Enter a phone number in the home screen, then press **STORE** (⟐) to create a phonebook entry with the number in the **No.** field.

You can store an entry on your phone or on the SIM card. A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Option	Description
Name	Specify the entry name.
	Press ⟐ to select a text entry method.
Category	Set the category to which the entry belongs (**Business**, **Personal**, **General**, or **VIP**).
	You can set the phonebook to display all entries, or display only entries in a specified category (see page 17).
	Note: The **Category** option is not available for entries stored on the SIM card.
No. or **Email**	Specify the entry's phone number or email address (maximum 40 characters).
Type	Set the entry type.
	The **Type** option is not available for email entries, or for entries stored on the SIM card.
Store To	Set the entry's physical storage location (**Phone** or **SIM**).
Voice Name	Record a voice name for the entry.
	The **Voice Name** option is not available for entries stored on the SIM card.
Speed No.	Change the default speed dial number for the entry, if desired.
Ringer ID	Set a distinctive ringer alert for the entry.
	Your phone sounds the ringer alert when you receive a call from this phone number. To activate ringer IDs, see page 19.
	Note: The **Ringer ID** option is not available for entries stored on the SIM card.
Picture	Assign a picture caller ID photo or picture to the entry.
	Your phone displays the picture when you receive a call from this phone number.
	Note: The **Picture** option is not available for entries stored on the SIM card.
MORE	Create another entry under the same **Name**.
	You must use a different Type identifier for each number.

Setting Up Your Phonebook

When you are finished entering information, press **DONE** (⊙) to store the entry.

Creating a Group Mailing List

You can create a group mailing list consisting of multiple phone numbers and email addresses previously stored in the phonebook. Mailing lists make it easy for you to send a text message to multiple recipients simultaneously.

Find the Feature　　　　🖩 > **Phonebook**

　　　　　　　　　　　🖩 > **New** > **Mailing List**

A name is required for a mailing list entry. The mailing list must contain at least one member. You can enter the following information for a mailing list entry.

Option	Description
Name	Specify the mailing list name. Press 🖩 to select a text entry method.
Category	Set the category to which the list belongs (**Business**, **Personal**, **General**, or **VIP**). You can set the phonebook to display all entries, or display only entries in a specified category (see page 17).
Members	Open the list of phonebook entries that you can add or remove from the mailing list.
Voice Name	Record a voice name for the mailing list.
Speed No.	Change the default speed dial number for the mailing list, if desired. **Note:** You cannot store a mailing list on the SIM card.

When you are finished entering information, press **DONE** (⊙) to store the mailing list as a phonebook entry.

Storing a PIN Code With a Phone Number

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). Insert one or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

Press	To
🖩 > **Insert Pause**	insert a **p** (pause) character. Your phone dials the preceding digits, waits for the call to connect, then dials the remaining digit(s). **Note:** If your phone does not recognize the first pause character, try 2 (**pp**).
🖩 > **Insert Wait**	insert a **w** (wait) character. Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it dials the remaining digit(s).
🖩 > **Insert 'n'**	insert an **n** (number) character. Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character.

You can store a maximum of 40 digits for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as one digit.

You cannot store a number that contains a **w** or **n** character on the SIM card.

Recording a Voice Name For a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial.

Note: You cannot record a voice name for an entry stored on the SIM card.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

Find the Feature　　　　🖩 > **Phonebook**

Action	
1	Press ⊙ to scroll to the entry.
2	Press **VIEW** (⊙) to view entry details.
3	Press **EDIT** (⊙) to edit the entry.
4	Press ⊙ to scroll to **Voice Name**.
5	Press **RECORD** (⊙) to begin recording.
6	Press and release the voice key and say the entry's name (within 2 seconds) to record the voice name.
7	When prompted, press and release the voice key and repeat the name.
8	Press **DONE** (⊙) to store the voice name.

Dialing a Phonebook Entry

Use one of the following procedures to call a number (or send a text message to an email address or mailing list) stored in your phonebook.

Phonebook List

Find the Feature   ⌄⌄ > **Phonebook**

Press		To
1	keypad key letter	jump to entries that begin with that letter (optional)
2	⊙	scroll to the entry
3	🕿	make the call

Voice Dial

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

Storing Longer Numbers

A phonebook number can contain a maximum of 40 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 40-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 40 characters:

Action	
1	Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).
2	Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).
3	Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

Action	
1	Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the home screen.
2	Press ⌄⌄ > **Phonebook** to reopen the phonebook.
3	Highlight the second phonebook entry, then press ⌄⌄ > **Send Tones** to send the next portion of the dialing sequence.
4	Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

Editing a Phonebook Entry

Find the Feature   ⌄⌄ > **Phonebook**

Press		To
1	⊙	scroll to the entry
		Press ⌄⌄ to open the Phonebook Menu to perform various procedures on the entry.
2	**VIEW** (⊙)	view entry details
3	**EDIT** (⊙)	edit the entry

Deleting a Phonebook Entry

Find the Feature   ⌄⌄ > **Phonebook**

Press		To
1	⊙	scroll to the entry
2	⌄⌄	open the **Phonebook Menu**
3	⊙	scroll to **Delete**
4	**SELECT** (⊙)	select **Delete**

Sorting the Phonebook List

You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.

Note: The voice name sort is identical to the name sort, except that the entries with voice name tags display first.

Find the Feature   ⌄⌄ > **Phonebook**

Press		To
1	⌄⌄	open the **Phonebook Menu**
2	⊙	scroll to **Setup**
3	**SELECT** (⊙)	select **Setup**
4	⊙	scroll to **Sort by**
5	**CHANGE** (⊙)	select **Sort by**
6	⊙	scroll to **Name**, **Speed No.**, **Voice Name**, or **Email**
7	**SELECT** (⊙)	select the sort order

If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete.

If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:

|		
8	**CHANGE** (⊙)	change view preference
9	⊙	scroll to **Primary Contacts** or **All Contacts**
10	**SELECT** (⊙)	select the view preference
11	**DONE** (⊙)	set the view preference

To set an entry's primary phone number, see the following procedure.

Tip: When the phonebook list displays primary numbers only, you can scroll to a name and press ⊙ left or right to view other numbers associated with the name.

Setting the Primary Number for a Phonebook Entry

When you enter multiple phone numbers for the same name, you can specify the primary number.

Find the Feature   ▽ > **Phonebook**

| Press		To
1	⊙	scroll to the entry
2	▽	open the **Phonebook Menu**
3	⊙	scroll to **Set Primary**
4	**SELECT** (◌)	select **Set Primary**
5	⊙	scroll to the number you want to set as the primary number
6	**SELECT** (◌)	set the primary number

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that displays for a phonebook entry.

Using Phonebook Category Views

Setting the Phonebook Category View

You can view all entries in the phonebook list, or view only the entries in the category you specify.

Find the Feature   ▽ > **Phonebook**
                              ▽ > **Categories**

Press		To
1	⊙	scroll to **All**, **Business**, **Personal**, **General**, **VIPs**, or another category that you created
2	**SELECT** (◌)	select the category view
3	**DONE** (◌)	set the category view

Note: The phonebook category view is reset to **All** each time you turn the phone on.

Creating a New Category

Your phone includes several predefined phonebook categories. You can create additional categories, and customize the way your phone notifies you of incoming calls from entries in different categories.

Find the Feature   ▽ > **Phonebook**
                              ▽ > **Categories**
                              ▽ > **New**

A name is required for the category. All other information is optional. You can enter the following information for a category.

Option	Description
Name	Enter the category name. Press ▽ to select a text entry method.
Members	Open the list of phonebook entries that you can add or remove from the category.
Ringer ID	Set a distinctive ringer alert for the category. Your phone uses the alert to notify you when you receive a call from an entry in this category. To activate ringer IDs, see page 19. A ringer ID for an individual entry overrides the category alert.

Editing a Category

**Find the Feature**   ▽ > **Phonebook**
                              ▽ > **Categories**

Press		To
1	⊙	scroll to the category
2	▽	open the **Category Details** menu
3	⊙	scroll to **Edit**
4	**SELECT** (◌)	edit the category

Edit the category information as described in the previous section.

- You cannot edit the **All** category.
- You cannot edit the name of the **General** category.

Deleting a Category

Find the Feature   ▽ > **Phonebook**
                              ▽ > **Categories**

Press		To
1	⊙	scroll to the category
2	▽	open the **Category Details** menu
3	⊙	scroll to **Delete**
4	**SELECT** (◌)	delete the category

- You cannot delete the All or General categories.
- When you delete a category, all entries in the category revert to General.

Reordering Categories

You can reorder the items in the category list.

Find the Feature	$\boxed{\text{T}}$ > **Phonebook**
	$\boxed{\text{T}}$ > **Categories**
	$\boxed{\text{T}}$ > **Reorder List**

Press	To
1 $\circledcirc$	scroll to a category
2 **GRAB** ($\ominus$)	grab the category
3 $\circledcirc$	move the category to a new location in the list
4 **INSERT** ($\ominus$)	insert the category
5 **DONE** ($\ominus$)	store the reordered category list

Note: You cannot move the **All** category. **All** always remains the first entry in the category view list.

Copying Phonebook Entries

You can copy one or more phonebook entries to a new speed dial location on the phone or SIM card. This procedure does not delete the original entry.

The SIM card cannot store **Category**, **Type**, **Voice Name**, **Ringer ID**, or **Picture** information. When you copy an entry from the phone to the SIM card, your phone prompts you for confirmation before dropping this information and copying the entry.

Find the Feature	$\boxed{\text{T}}$ > **Phonebook**

Press	To
1 $\circledcirc$	scroll to an entry you want to copy
2 $\boxed{\text{T}}$	open the **Phonebook Menu**
3 $\circledcirc$	scroll to **Copy**
4 **SELECT** ($\ominus$)	select **Copy**
5 $\circledcirc$	scroll to **Entries**
6 **SELECT** ($\ominus$)	select **Entries**
7 **CHANGE** ($\ominus$)	add more entries
8 $\circledcirc$	scroll to another phonebook entry
9 **ADD** ($\ominus$)	add the phonebook entry to the copy list
	Repeat steps 8 and 9 to add more entries to the list.
10 **DONE** ($\ominus$)	store the entries
11 $\circledcirc$	scroll to **To**
12 **CHANGE** ($\ominus$)	select **To**
13 $\circledcirc$	scroll to **Phone Memory** or **SIM Card**

Press	To
14 **SELECT** ($\ominus$)	select the copy location
15 **DONE** ($\ominus$)	copy the entries to the next available speed dial numbers in the selected location (phone memory or SIM card)
	If necessary, press **YES** ($\ominus$) to confirm the copy of phone entries to the SIM card.

Checking Phonebook Capacity

You can see how much memory space remains for storing phonebook and datebook entries on the phone, and how many more phonebook entries you can store on the SIM card.

Find the Feature	$\boxed{\text{T}}$ > **Phonebook**

Press	To
1 $\boxed{\text{T}}$	open the **Phonebook Menu**
2 $\circledcirc$	scroll to **Phone Capacity** or **SIM Capacity**
3 **SELECT** ($\ominus$)	select **Phone Capacity** or **SIM Capacity**
	Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone memory phonebook or the SIM card phonebook.

Find the Feature	$\boxed{\text{T}}$ > **Settings** > **Initial Setup** > **1-Touch Dial**

Press	To
1 $\circledcirc$	scroll to the list you want
2 **SELECT** ($\ominus$)	select the list

Setting Up Your Phonebook

Personalizing Your Phone

Personalizing a Ring Style

You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data calls, fax calls, alarms, and reminders. Any changes you make are applied to the current ring style.

Find the Feature   ▽ > **Settings** > **Ring Styles**
                          > *style* **Detail**

Note: *Style* represents the current ring style.

Press		To
1	⊙	scroll to the event
2	**CHANGE** (⊙)	select the event
3	⊙	scroll to the alert you want
4	**SELECT** (⊙)	select the alert

Activating Ringer IDs

When ringer IDs are turned on, your phone uses distinctive ring tones to notify you of incoming calls or messages from specific entries in your phonebook.

Note: To assign a ringer ID to a new or existing phonebook entry, see page 14.

Find the Feature   ▽ > **Settings** > **Ring Styles**
                          > *style* **Detail** > **Ringer IDs**

Note: *Style* represents the current alert style.

Press		To
1	⊙	scroll to **On** or **Off**
2	**SELECT** (⊙)	select the option

Setting Ringer or Keypad Volume

Find the Feature   ▽ > **Settings** > **Ring Styles**
                          > *style* **Detail**

Note: *Style* represents the current alert style.

Press		To
1	⊙	scroll to **Ring Volume** or **Key Volume**
2	**CHANGE** (⊙)	select the option
3	⊙ left or right	scroll to the desired volume
4	**OK** (⊙)	store the setting

## Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a message that you have received.

Find the Feature   ▽ > **Settings** > **Ring Styles**
                          > *style* **Detail** > **Reminders**

Note: *Style* represents the current alert style.

Press		To
1	⊙	scroll to **Beep** or **Vibrate** to set the reminder alert type, or **Off** to turn off all reminders
2	**SELECT** (⊙)	select the reminder alert

Setting a Personal Greeting

Set a personal greeting that displays when you turn on your phone.

Find the Feature   ▽ > **Settings** > **Personalize**
                          > **Greeting**

Setting Display Text

Text that displays in the home screen can be left justified or centered.

Find the Feature   ▽ > **Settings** > **Personalize**
                          > **Home Screen** > **Layout**

Press		To
1	⊙	scroll to **Left Justified** or **Centered**
2	**SELECT** (⊙)	select the text layout

Selecting the Clock View

You can display an analog clock or a digital time readout in the home screen.

Find the Feature   ▽ > **Settings** > **Personalize**
                          > **Home Screen** > **Clock**

Press		To
1	⊙	scroll to **Analog** or **Digital**
2	**SELECT** (⊙)	select the clock view

Showing or Hiding Menu Icons

Show or hide the menu feature icons that display in the home screen. When you select Hide, the menu icons are hidden but remain active in the home screen, and you can press ⊙ to select them as usual.

Find the Feature   ▽ > **Settings** > **Personalize**
                          > **Home Screen** > **Home Keys**
                          > **Icons**

Press	To
1 ⊙	scroll to **Show** or **Hide**
2 **SELECT** (⊙)	select the option

Personalizing Home Screen Keys and Icons

In the home screen, the navigation key, smart key, and soft keys (left ⊙ and right ⊙) open menu items. You can assign new menu items to these keys.

Find the Feature ▽ > **Settings** > **Personalize**
> **Home Screen** > **Home Keys**

Press	To
1 ⊙	scroll to **Up**, **Down**, **Left**, **Right**, **Left Soft Key**, **Right Soft Key**, or **Smart Key**
2 **CHANGE** (⊙)	select the icon or soft key
3 ⊙	scroll to a menu feature
4 **SELECT** (⊙)	confirm the menu feature

Setting the Menu View

Set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

Find the Feature ▽ > **Settings** > **Personalize**
> **Main Menu** > **View**

Press	To
1 ⊙	scroll to **Icons** or **List**
2 **SELECT** (⊙)	select the menu view

Personalizing the Menu

You can reorder the items in your phone's main menu.

Find the Feature ▽ > **Settings** > **Personalize**
> **Main Menu** > **Reorder**

Press	To
1 ⊙	scroll to a menu item
2 **GRAB** (⊙)	grab the menu item
3 ⊙	move the item to a new location in the menu
4 **INSERT** (⊙)	insert the menu item

Setting the Menu Language

Set the language in which menu features and options are displayed.

Find the Feature ▽ > **Settings** > **Initial Setup**
> **Language**

Setting Menu Scroll Behavior

Set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

Find the Feature ▽ > **Settings** > **Initial Setup**
> **Scroll**

Resetting All Options

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

Find the Feature ▽ > **Settings** > **Initial Setup**
> **Master Reset**

Clearing All Stored Information

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations and sound files, and clear all user settings and entries, **except** for information stored on the SIM card.

Caution: Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory, including phonebook and datebook entries. After you erase the information, you cannot recover it. Master clear does not delete any information stored on the SIM card.

Find the Feature ▽ > **Settings** > **Initial Setup**
> **Master Clear**

Creating and Using Shortcuts

Your phone includes several standard shortcuts. You can create additional custom shortcuts to frequently used menu items.

Standard Shortcuts

The following shortcuts are preprogrammed on your phone. You cannot edit or delete these shortcuts.

Task	Shortcut
Change your phone's ringer alert setting.	Open the phone, then press the down volume key (at lowest volume setting) to switch to vibrate call alert. Press again to switch to silent call alert. Press the up volume key to cycle back to vibrate alert, then ring alert.
Display your phone number.	From the home screen, press ▽ ⊙.
Go to the dialed calls list.	From the home screen, press ⊙.
Exit the menu system.	Press ⊙.

Personalizing Your Phone

Creating a Shortcut

You can create a keypad shortcut to a menu item.

Action
1 Press ⬚ to enter the menu system.
2 Press ◉ to scroll to the menu item.
3 Press and hold ⬚ to open the shortcut editor.
4 Press **YES** (◁) to view shortcut options.

   To change the keypad shortcut number:

   a Press ◉ to scroll to **Key**

   b Press keypad keys to enter the new key

   c Press **OK** to store the new key

5 Press **DONE** (◁) to store the shortcut.

Using a Keypad Shortcut

Press	To
1 ⬚	open the main menu
2 a number key	go to the menu item with that shortcut number

Selecting a Shortcut From the List

Find the Feature   ⬚ > **Office Tools** > **Shortcuts** > shortcut name

Editing or Deleting a Shortcut

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

Find the Feature   ⬚ > **Office Tools** > **Shortcuts**

Press	To
1 ◉	scroll to the shortcut
2 ⬚	open the **Shortcut Menu** to perform various procedures on the shortcut

The **Shortcut Menu** can include the following options:

Option	Description
New	Read instructions on how to create a new shortcut.
Edit	Edit the shortcut.
Reorder List	Change the shortcut list order.
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.

Getting More Out of Your Phone

Making a Conference Call

Connect an active call and a call on hold so that all parties can speak to each other.)

Press	To
1 keypad keys	dial the first party's number
2 🔍	call the number
3 **HOLD** (⊙) (if available) or ⧫ > **Hold**	put the call on hold.
4 keypad keys	dial the next party's number
5 🔍	call the number
6 **LINK** (⊙)	connect the 2 calls
7 ⎘	end the conference call

Tip: Repeat steps 3 to 6 to add additional parties to the conference call.

Forwarding Calls

Forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

Setting Up or Canceling Call Forwarding

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

Option	Description
All Calls	Forward all calls.
If Unavailable	Forward calls if your phone is unavailable.
Detailed	Set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only).
Off	Do not forward calls.

Find the Feature ⧫ > **Settings** > **Call Forward**

Press	To
1 ⊙	scroll to the type of calls you want to forward
	Scroll to **Cancel All** to cancel all call forwarding.
2 **SELECT** (⊙)	view call forwarding details
3 ⊙	scroll to **Forward**
4 **CHANGE** (⊙)	select **Forward**
5 ⊙	scroll to a forwarding option
6 **SELECT** (⊙)	store the option

Press	To
7 ⊙	scroll to **To** (for **Detailed** forwarding, scroll to **If Busy**, **If No Answer**, or **If Unreachable**)
8 **CHANGE** (⊙)	select **To**
9 keypad keys or **BROWSE** (⊙)	enter the forwarding phone number / select a number from the phonebook or recent calls lists
10 **OK** (⊙)	store the number
11 **DONE** (⊙)	save call forwarding settings

Note: Repeat this procedure to enter forwarding information for other call types.

Checking Call Forwarding Status

Your network may store call forwarding status for you. To confirm the network call forwarding settings:

Find the Feature ⧫ > **Settings** > **Call Forward** > **Forward Status**

Press	To
1 ⊙	scroll to **Voice**, **Fax**, or **Data**
2 **VIEW** (⊙)	confirm the network setting

Barring Calls

Use call barring to restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature ⧫ > **Settings** > **Security** > **Call Barring**

Press	To
1 ⊙	scroll to **Outgoing** or **Incoming** calls
2 **CHANGE** (⊙)	select the option
3 ⊙	scroll to a restriction setting
4 **SELECT** (⊙)	select the restriction setting
5 keypad keys	enter your call barring password
6 **OK** (⊙)	submit your password

Using Fixed Dialing

When you turn on fixed dialing, you can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

Turning Fixed Dialing On or Off

Find the Feature   ⌷ > **Settings** > **Security**
> **Fixed Dial**

	Press	To
1	keypad keys	enter your SIM PIN2 code
2	**OK** (⊖)	open the fixed dial menu
3	⊙	scroll to **On** or **Off**
4	**SELECT** (⊖)	select the option

Using the Fixed Dial List

You must turn on fixed dialing to open the fixed dial list.

Find the Feature   ⌷ > **Office Tools**
> **Dialing Services** > **Fixed Dial**

You create and edit fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card, and do not have **Type**, **Voice Name**, or **Ringer ID** information.

Using Service Dialing

Dial preprogrammed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

Find the Feature   ⌷ > **Office Tools**
> **Dialing Services**
> **Service Dial**

Using Quick Dialing

Dial preprogrammed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.

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

To open and dial numbers on the quick dial list:

Find the Feature   ⌷ > **Office Tools**
> **Dialing Services** > **Quick Dial**

To edit the quick dial list:

Find the Feature   ⌷ > **Settings** > **Personalize**
> **Quick Dial**

Using DTMF Tones

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

Activating DTMF Tones

You can set DTMF tones to **Long**, **Short**, or **Off**:

Find the Feature   ⌷ > **Settings** > **Initial Setup**
> **DTMF**

Short sends a short fixed-duration tone for each keypress. **Long** sends each tone for as long as you press the key. Short DTMF tones work with most automated systems. Some systems (such as home answering machines) may require long tones for proper activation.

Sending DTMF Tones

Using the Keypad

Press the number keys to send the numbers as DTMF tones during a call.

Note: When sending long tones, you may have to enter a single short keypress first to put the phone in DTMF mode.

Sending Stored Numbers

During a call, highlight a number in the phonebook or recent calls lists, then:

	Press	To
1	⌷	open the sub-menu
2	⊙	scroll to **Send Tones**
3	**SELECT** (⊖)	send number as DTMF tones

Monitoring Phone Use

View and Reset Call Timers

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

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view a call timer:

Find the Feature   ⌷ > **Recent Calls** > **Call Times**

Select one of the following options:

Option	Description
Last Call	Approximate time spent on the last dialed or received call. You cannot reset this timer.
Dialed Calls	Approximate total time spent on dialed calls since the last time you reset this timer.
Received Calls	Approximate total time spent on calls received since the last time you reset this timer.

Option	Description
All Calls	Approximate total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer:

Press	To
1 RESET (◇)	reset the time (if available)
2 YES (◇)	confirm the reset

Using a Timer During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature   ⌨ > **Settings** > **In-Call Setup** > **In-Call Timer**

Select one of the following **Beep** options:

Option	Description
60 Seconds	Beep at one-minute intervals during a call.
Off	No in-call beep.

Select one of the following **Display** options:

Option	Description	
Time	Display the approximate elapsed time for the current call.	
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).	*Network / Subscription Dependent Feature*
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).	*Network / Subscription Dependent Feature*
Credit Available	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).	*Network / Subscription Dependent Feature*
Off	No in-call timer display.	

Viewing and Resetting Cost Trackers

Network / Subscription Dependent Feature

To view a cost tracker:

Find the Feature   ⌨ > **Recent Calls** > **Call Cost**

Select one of the following options:

Option	Description
Credit Available	Amount of credit available. For GSM advice of charge, available only if you set a credit limit.
Expiration Date	Date that available credit expires. Available only with subscription to a prepay option.
Last Deposit	Amount of last deposit. Available only with subscription to a prepay option.
Last Call	Amount spent on last dialed or received call. You cannot reset this cost tracker.
Dialed Calls	Amount spent on dialed calls since the last time you reset this cost tracker.
Received Calls	Amount spent on received calls since the last time you reset this cost tracker.
All Calls	Amount spent on dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from Dialed Calls and Received Calls, so Dialed Calls plus Received Calls may not equal All Calls.

To reset the cost tracker:

Press	To
1 RESET (◇)	reset the cost, if available
2 OK (◇)	enter your PIN2 code to confirm the reset

Viewing Credit Information

Prepay Option

Network / Subscription Dependent Feature

If you subscribe to a prepay option, you can view the amount of credit available, its expiration date, and the date of your last deposit.

Find the Feature   ⌨ > **Settings** > **Phone Status** > **Credit Info**

Advice of Charge Option

Network / Subscription Dependent Feature

If you subscribe to an advice of charge option, you can view the amount of credit available.

Find the Feature   ⌨ > **Settings** > **Phone Status** > **Credit Available**

Getting More Out of Your Phone

Adjusting Call Cost Settings

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

Find the Feature   ▱ > **Settings** > **In-Call Setup** > **Call Cost Setup**

Viewing and Resetting GPRS Packet Data Timers and Data Volume Meters

Your phone may use a high-speed **General Packet Radio Service** (GPRS) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an **external data session**.

Your phone's micro-browser also may use a GPRS connection to upload and download data from the Internet. This is an example of an **internal data session**.

Your phone tracks, in one-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume for which you are billed by your service provider. For billing information, please contact your service provider directly.

Data Timers

You can view the approximate time spent on the last data session, view the approximate total time spent on all data sessions, and reset the **All Data Sessions** timers.

To view timers for the last data session:

Find the Feature   ▱ > **Recent Calls** > **Data Times** > **Recent Data Session**

Select one of the following options:

Option	Description
External Data Session	Approximate time spent on the last external data session. You cannot reset this timer.
Internal Data Session	Approximate time spent on the last internal data session. You cannot reset this timer.
Total Time	Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

To view or reset cumulative timers for all data sessions:

Find the Feature   ▱ > **Recent Calls** > **Data Times** > **All Data Sessions**

Select one of the following options:

Option	Description
External Data Sessions	Approximate total time spent on all external data sessions since the last time you reset this timer.
Internal Data Sessions	Approximate total time spent on all internal data sessions since the last time you reset this timer.
Total Time	Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
Reset All	Reset all data sessions timers.

Data Volume Meters

You can view the volume of data transferred during the most recent data session, view the total amount of data transferred for all data sessions, and reset the All Data Sessions volume meters.

To view volume meters for the last data session:

Find the Feature   ▱ > **Recent Calls** > **Data Volumes** > **Recent Data Session**

Select one of the following options:

Option	Description
External Data Session	View data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.
Internal Data Session	View data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.

To view or reset cumulative volume meters for all data sessions:

Find the Feature   ▱ > **Recent Calls** > **Data Volumes** > **All Data Sessions**

Select one of the following options:

Option	Description
External Data Sessions	View data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
Internal Data Sessions	View data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
Reset All	Reset all data sessions volume meters.

Using Handsfree Features

Your phone includes an built-in handsfree speaker that you can use for handsfree applications. For instructions on how to use the handsfree speaker, see your *Start Here* guide.

Optional Accessory

You can also purchase an optional Motorola Original™ handsfree car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

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

Activating an External Speakerphone

To use an external speakerphone with your phone, connect the speakerphone and, during an active call:

Press	To
SPEAKER (◇) (if available) or ⟨⟩ > **Spkrphone On**	activate the connected speakerphone

Automatic Answer

Set your phone to automatically answer calls after 2 rings (4 seconds) when connected to a car kit, speakerphone, or headset.

Find the Feature　　　⟨⟩ > **Settings** > **Car Settings** or **Headset**

Press	To
1 ⊙	scroll to **Auto Answer**
2 **SELECT** (◇)	select **Auto Answer**

Press	To
3 ⊙	scroll to **On** or **Off**
4 **SELECT** (◇)	confirm the setting

Voice Dial From Headset

If your headset has a send/end key, this feature enables you to press the send/end key to voice dial a call from the headset.

Find the Feature　　　⟨⟩ > **Settings** > **Headset**

Press	To
1 ⊙	scroll to **Voice Dial**
2 **SELECT** (◇)	select **Voice Dial**
3 ⊙	scroll to **On** or **Off**
4 **SELECT** (◇)	confirm the setting

Automatic Handsfree

Set your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature　　　⟨⟩ > **Settings** > **Car Settings** > **Auto Handsfree**

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

Power-Off Delay

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

Find the Feature　　　⟨⟩ > **Settings** > **Car Settings** > **Power-Off Delay**

Press	To
1 ⊙	scroll to the time delay
2 **SELECT** (◇)	confirm your selection

Note: This feature may not work with all car ignition switches.

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

Charger Time

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

Find the Feature　　　⟨⟩ > **Settings** > **Car Settings** > **Charger Time**

Press	To
1 ⊙	scroll to the charge time
2 **SELECT** (⊖)	confirm your selection

Note: This feature may not work with all car ignition switches.

Making Data and Fax Calls

An optional Motorola Original™ data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS compatible device, or Microsoft®Windows® CE, Pocket PC, or Handheld PC device. You can:

- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data and fax calls from your computer or handheld device.

Making a Cable Connection

Installing the Software

To transfer data between your phone and computer, you must install the software included with the Motorola Original™ data kit. See the data kit user's guide for more information.
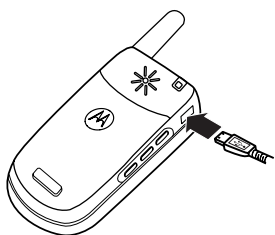
Attaching the Cable

Use a Motorola Original™ serial cable or Motorola Original USB cable to connect your phone to the external device.

Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

USB Cable

Action
1 Plug the end of the cable with the USB logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.
2 Plug the other end—the USB connection—into the USB port on the device.

Sending a Data or Fax Call

Use this procedure to send data or a fax from a connected computer or hand-held device using a CSD or GPRS network connection.

Action
1 Make sure that the phone is connected and powered on.
2 Open the application (such as dial-up-networking or fax) on your computer, and place the call through the application.

Note: You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer, unless you are making a talk then fax call (see following section).

3 When the transfer is complete, end the call from the connected device to close the connection.

Receiving a Data or Fax Call

Use this procedure to transfer data or a fax to a connected computer or hand-held device.

Transferring the Data or Fax

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

Ending the Data/Fax Connection

When the data or fax transfer is complete, end the call from the connected device to close the connection.

Making a Talk Then Fax Call

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

Connect to the device that will send the fax, and do the following:

Press	To
1 keypad keys	enter the phone number
2 ⌐⊻	open the **Dialing Menu**
3 ⊙	scroll to **Talk Then Fax**
4 **SELECT** (⊖)	select **Talk Then Fax**
	Your selection applies to the next call only.
5 ⌐	make the call
	Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device.

Adjusting Network Settings

Your service provider registers your phone to its network. In some situations, such as using the phone as a modem, you may need to change the network registration.

Note: Some settings and/or options described in this section may not be available for all phone models.

Finding a New Network

You may decide to switch to another network to improve the calling conditions, because of network coverage or roaming conditions. To select a new network:

Find the Feature	⧌ > **Settings** > **Network** > **New Network**

Your phone locates and registers on the strongest network apart from the current network.

Listing All Networks

View a list of available networks, and register your phone with a network.

Find the Feature	⧌ > **Settings** > **Network** > **Available Networks**

Your phone displays a list of available networks.

	Press	To
1	⊙	scroll to the network you want
2	**VIEW** (⊖)	view network details
3	**REGISTER** (⊖)	register with the network

Changing Network Setup Values

Set how your phone searches for a network connection.

Note: Actual field names and values may vary depending on the technologies available to your service provider.

Find the Feature	⧌ > **Settings** > **Network** > **Network Setup**

	Press	To
1	⊙	scroll to an item to change
2	**CHANGE** (⊖)	open the item's list
3	⊙	scroll to an option described in the following lists
4	**SELECT** (⊖)	select the option

Network search **Type** options:

Option	Description
Automatic	Scan for networks automatically based on priority.
Manual	View a list of all networks from which you can choose.

Network search **Speed** options:

Option	Description
Slow	Slowest network search and repeat rate.
Medium	Medium search/repeat.
Fast	Fast search/repeat.
Continuous	Continuous search until a network is found.

Setting Preferred Networks

You can create a preferred networks list, so that the phone searches for networks by your preference. The preferred list normally is stored on your SIM card. Some service providers may store network preferences on the phone.

### Accessing the Preferred Network List

Find the Feature	⧌ > **Settings** > **Network** > **My Network List**

	Press	To
1	⊙	scroll to the network you want
2	**SELECT** (⊖)	view network details

Your home network is always the first entry in the list, and is identified by the ⌂ (home) icon. Other network entries are sorted by preference.

Adding an Entry to the Preferred Network List

Find the Feature	⧌ > **Settings** > **Network** > **My Network List** > **Add Network**

	Press	To
1	**BROWSE** (⊖)	browse available networks
	or	
	OK (⊖)	enter the network ID number
2	**OK** (⊖)	confirm the new entry

Editing a Preferred Network List Entry

Find the Feature	⧌ > **Settings** > **Network** > **My Network List**

	Press	To
1	⊙	scroll to the entry
2	⧌	open the network menu
3	⊙	scroll to **Edit**
4	**SELECT** (⊖)	select **Edit**
5	**DELETE** (⊖)	delete information
	or	
	keypad keys	enter information
6	**OK** (⊖)	store the new information

Deleting a Preferred Network List Entry

Find the Feature	⧌ > **Settings** > **Network** > **My Network List**

	Press	To
1	⊙	scroll to the entry
2	⧌	open the network menu
3	⊙	scroll to **Delete**

Press	To
4 **SELECT** (⊙)	select **Delete**
5 **YES** (⊙)	confirm the deletion

Adjusting Service Tones

You can set your phone to beep each time the network registration status changes.

Find the Feature ⟨▽⟩ > **Settings** > **Network**
> **Service Tone**> **On** or **Off**

Setting the Call Drop Alert

You can set your phone to emit an alert tone whenever the network drops a call. Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.

Find the Feature ⟨▽⟩ > **Settings** > **Network**
> **Call Drop Tone** > **On** or **Off**

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature ⟨▽⟩ > **Settings** > **Phone Status**
> **Battery Meter**

Viewing Phone Specifications

To view your phone's feature specifications:

Find the Feature ⟨▽⟩ > **Settings** > **Phone Status**
> **Other Information**

Personal Organizer

Datebook

The datebook is a calendar that you can use to schedule and organize events such as appointments and meetings.You must set the correct time and date to use the datebook.

To schedule or review datebook events:
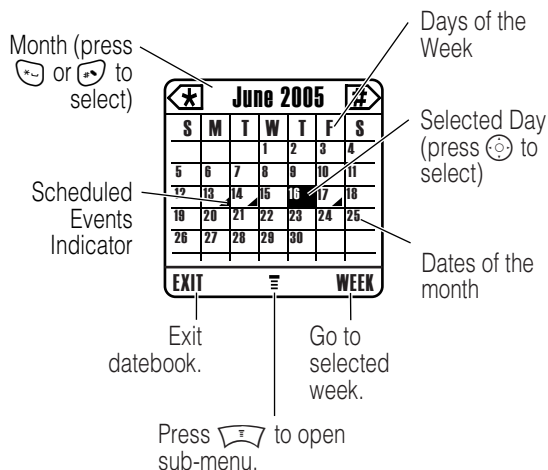
Find the Feature   ▽ > **Office Tools** > **Datebook**

You can set the datebook to display a calendar for the month or week. To change the default view, see page 31.
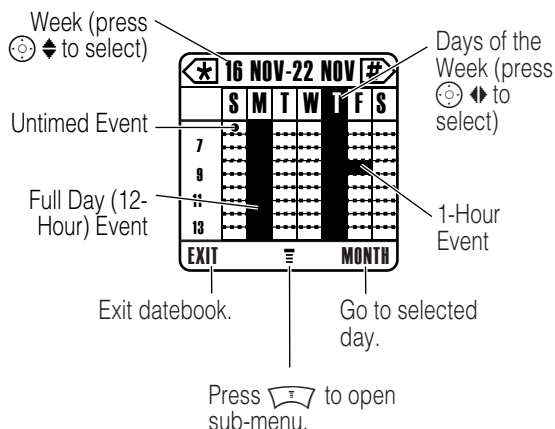
Month View

When default view is set to month, the datebook initially displays a calendar for the month. An indicator in the lower right corner of the date box indicates that one or more events are scheduled for the day.

Month (press ⌒ or ⌒ to select)
Days of the Week
Scheduled Events Indicator
Selected Day (press ◎ to select)
Dates of the month
Exit datebook.
Go to selected week.
Press ▽ to open sub-menu.

Week View

When default view is set to week, the datebook initially displays a calendar for the week. Filled boxes indicate scheduled events.
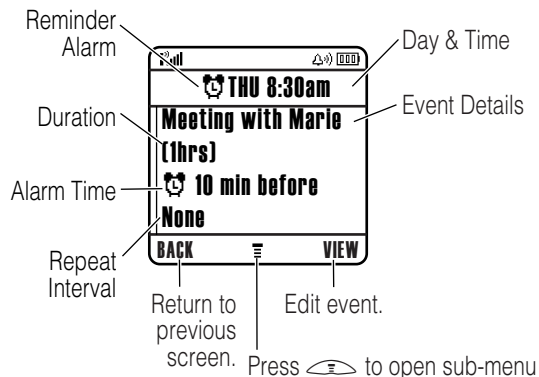
Week (press ◎ ♦ to select)
Untimed Event
Full Day (12-Hour) Event
Days of the Week (press ◎ ◀▶ to select)
1-Hour Event
Exit datebook.
Go to selected day.
Press ▽ to open sub-menu.

Day View

Select a day and press the center select button to see the day's events.

Untimed Event
Press ◎ ▼ to scroll to more events.
Reminder Alarm
Day of Week
Events
BACK   VIEW
Return to previous screen.
Show event details.
Press ▽ to open sub-menu.

Event View

Select an event and press **VIEW** (◠) to see event details.

Reminder Alarm
Duration
Alarm Time
Repeat Interval
Day & Time
Event Details
BACK   VIEW
Return to previous screen.
Edit event.
Press ⌐ to open sub-menu

Creating a Datebook Event

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

- You must create an event to use the reminder alarm.
- Your phone must be turned on for the reminder alarm to sound.

Find the Feature   ▽ > **Office Tools** > **Datebook**

Press	To
1 ◎	scroll to the day
2 center select button	display the day view
3 ▽	open the **Datebook Menu**
4 ◎	scroll to **New**
5 **SELECT** (◠)	select **New**
6 **CHANGE** (◠)	select **Title**

Press		To
7	keypad keys	enter a title for the event
		Tip: Press ⌷⟋ to select a text entry method.
8	**OK** (⊝)	store the event title
9	⊙	scroll to other fields and enter information as necessary
		You can set start time, duration, date, repeat interval, and reminder alarm.
10	**DONE** (⊝)	store the event

Changing Event Information

Find the Feature	⌷⟋ > **Office Tools** > **Datebook**

Press		To
1	⊙	scroll to the day
2	center select button	display the day view
3	⊙	scroll to the event
4	**VIEW** (⊝)	display the event view
5	**EDIT** (⊝)	edit the event
6	⊙	scroll to the information you want to change
7	**CHANGE** (⊝)	edit the information
8	keypad keys	enter new information
9	**DONE** (⊝)	store the information

Copying an Event

| Find the Feature	⌷⟋ > **Office Tools** > **Datebook**

Press		To
1	⊙	scroll to the day
2	center select button	display the day view
3	⊙	scroll to the event
4	⌷⟋	open the **Datebook Menu**
5	⊙	scroll to **Copy**
6	**SELECT** (⊝)	copy the event
7	**YES** (⊝)	confirm the copy
		Your phone assumes that you want to change the date, and displays the Date field.
8	keypad keys	enter the date information
9	▶ (⊝) or ⊙ to the right	move to month, day, and year
10	**DONE** (⊝)	save the copy of the event
11	⊙	scroll to and edit event information, if necessary
12	**DONE** (⊝)	store the information

Deleting an Event

Find the Feature	⌷⟋ > **Office Tools** > **Datebook**

Press		To
1	⊙	scroll to the day
2	center select button	display the day view
3	⊙	scroll to the event
4	⌷⟋	open the **Datebook Menu**
5	⊙	scroll to **Delete**
6	**SELECT** (⊝)	select **Delete**
7	**YES** (⊝)	confirm the deletion

Viewing and Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm. To view or dismiss an event reminder:

Press		To
VIEW (⊝)		view the event
or		Press ⊙ to scroll through the event details.
BACK (⊝)		dismiss the reminder

If you have more than one event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next event is displayed.

Changing the Datebook Setup

You can set the datebook's default view to month or week, change the daily start time, and set the length of time that events are stored.

Find the Feature	⌷⟋ > **Office Tools** > **Datebook**
	⌷⟋ > **Setup**

Alarm Clock

Your phone has an alarm clock with 5 separate alarms that you can set and use when the phone is powered on. Each alarm can be configured with a name, time, and alert tone.

Setting an Alarm

Find the Feature	⌷⟋ > **Office Tools** > **Alarm Clock**

Press		To
1	⊙	scroll to [**New Alarm**]
2	**SELECT** (⊝)	select the option
3	**CHANGE** (⊝)	select **Name**
4	keypad keys	enter a name for the alarm
5	**OK** (⊝)	store the name

Press		To
6	⊙	scroll to other fields and enter information as necessary
		You must set start time, alert tone, and alarm volume.
7	**DONE** (◁)	store the alarm

Enabling/Disabling an Alarm

Alarms that you set are listed by name on the Alarm Clock menu. An active alarm is identified by an 🕭 (alarm) indicator.

To enable or disable an alarm:

Find the Feature   ⛏ > **Office Tools** > **Alarm Clock**

Press		To
1	⊙	scroll to the alarm
2	**ENABLE** (◁)	enable a highlighted (disabled) alarm
	or	
	DISABLE (◁)	disable a highlighted (enabled) alarm

Turning Off an Alarm

When an alarm sounds, your phone displays the alarm name, time, and date.

The alarm rings for 3 minutes, then snoozes for 8 minutes. The alarm repeats this cycle for up to 90 minutes, or until you perform one of the following procedures.

Press	To
DISABLE (◁) or 🔊	turn off the alarm
SNOOZE (◁)	turn off the alarm for 8 minutes
	The alarm is reactivated at the end of 8 minutes.

Calculator

You can use your phone as a calculator and currency converter.

Selected Function

Entered Numbers

Calculator

35

Press ⊙ left or right to select function.

+ 20

55

Use Keypad to enter number or insert decimal point.

◀ + − × ÷ MS MC ▶

EXIT   ☰   SELECT

Press **ce** to clear last entry.

Exit calculator.

Press ⛏ to open **Calculator Menu**.

Scroll to **=** to calculate the result.

Calculating Numbers

Find the Feature   ⛏ > **Office Tools** > **Calculator**

Press		To
1	number keys	enter a number
2	⊙	select a calculator function
3	number keys	enter next number
4	**=** (◁)	calculate the result

Press **c** to clear the calculation. Press **ce** (clear entry) to clear the last entry when performing a calculation.

Press ⛏ to open the **Calculator Menu** to perform the following functions:

Function	Description
+/-	Change the entry's sign (positive/negative).
MS	Store the value in memory (overwrites values already stored).
MC	Clear the value stored in memory.
MR	Replace the displayed value with the value stored in memory.
%	Divide the displayed value by 100.
$	Convert the value using the exchange rate stored.

Converting Currency

The currency converter works just like the calculator, but converts a currency value based on the exchange rate you specify:

Find the Feature   ⛏ > **Office Tools** > **Calculator**
                              ⛏ > **Exchange Rate**

| Press		To
1	number keys	enter the exchange rate
2	**OK** (◁)	store the exchange rate
3	number keys	enter the amount to convert (amount to multiply by the exchange rate)
4	⊙	scroll to **$**
5	**SELECT** (◁)	perform the conversion

Security

Locking the SIM Card

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

Find the Feature   ▽ > **Settings** > **Security**
                                 > **SIM PIN**

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

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

	Press	To
1	*~ *~ 0+ 5JKL *~	open the PIN unblocking editor
2	keypad keys	enter the PUK code
3	**OK** (⊝)	submit the PUK code
4	keypad keys	enter a new SIM card PIN code
		Note: The SIM PIN code must be between 4 and 8 digits in length.
5	**OK** (+)	assign the new SIM PIN code
6	keypad keys	re-enter the new SIM PIN code
7	**OK** (⊝)	confirm the new SIM PIN code and unblock the SIM card

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM Blocked** when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

	Press	To
1	*~ *~ 0+ 5JKL 2ABC *~	open the PIN2 unblocking editor
2	keypad keys	enter the PUK2 code
3	**OK** (⊝)	submit the PUK2 code
4	keypad keys	enter a new SIM card PIN2 code
		Note: The SIM PIN2 code must be between 4 and 8 digits in length.
5	**OK** (+)	assign the new SIM PIN2 code
6	keypad keys	re-enter the new SIM PIN2 code
7	**OK** (⊝)	confirm the new SIM PIN2 code and unblock PIN2 features

Locking and Unlocking Applications

You can lock specific phone applications (such as the phonebook) so that users must enter the unlock code to use them.

Find the Feature   ▽ > **Settings** > **Security**
                                 > **Lock Application**

	Press	To
1	keypad keys	enter your unlock code
2	**OK** (⊝)	open the lock application menu
3	⊙	scroll to the application
4	**CHANGE** (⊝)	select the application
5	⊙	scroll to **Locked** or **Unlocked**
6	**SELECT** (⊝)	select **Locked** or **Unlocked**

Micro-Browser

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

Your phone may use a high-speed **General Packet Radio Service** (GPRS) network connection. This type of connection is identified by a (GPRS) indicator in the home screen that disappears when you start a micro-browser session. If you see an (in-call) indicator during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

Starting a Micro-Browser Session

| Find the Feature | > **Web Access** > **Browser** |

Press	To
1 ⊙	scroll to a bookmark, service, or application
2 **SELECT** (⊙)	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press > **Go To** to launch the micro-browser and go directly to the URL.

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

Interacting With Web Pages

Press	To
⊙	scroll through text, or highlight a selectable item
SELECT (⊙)	select the highlighted item
keypad keys, followed by **OK** (⊙)	enter information. **Tip:** Press **DELETE** (⊙) to delete one letter at a time if you make a mistake.
BACK (⊙)	go back to the previous page
	open the **Browser Menu**

Downloading Objects From a Web Page

You can download a photo, picture, animation, sound, video clip, or phone theme from a Web page by selecting its link. You can store these media objects on your phone, and use them as wallpaper images, screen saver images, and event alerts.

Storing a Picture File

Press	To
1 **STORE** (⊙)	view storage options
2 ⊙	scroll to **Store Only**, **Apply as Wallpaper** or **Apply as Screen Saver**
3 **SELECT** (⊙)	perform the storage option of your choice

Storing a Sound File

Press	To
1 **STORE** (⊙)	view storage options
2 ⊙	scroll to **Store Only** or **Set As Ring Tone**
3 **SELECT** (⊙)	select the option. If you select **Store Only**, the procedure is complete. If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert.
4 ⊙	scroll to the event
5 **SELECT** (⊙)	store the sound and set it as the event alert

Storing a Video Clip

Press	To
STORE (⊙)	store the video clip

Selecting or Creating a Web Session

Use this feature to select or create a Web session, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

| Find the Feature | > **Web Access** > **Web Sessions** |

To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
Name	Enter the Web session name.
Homepage	Specify the default home page.
WAP IP 1	Primary WAP gateway IP address.
WAP Port 1	Primary WAP port number.

Option	Description
WAP IP 2	Secondary WAP gateway IP address.
WAP Port 2	Secondary WAP port number.
Timeout	Time at which the phone exits the micro-browser application when no keypress activity is detected.
CSD No. 1	Primary phone number to use to set up a CSD connection.
User Name 1	User name for primary CSD number.
Password 1	Password for primary CSD number.
Speed (Bps) 1	Connection speed for primary CSD number.
Line Type 1	Line type (modem or ISDN) for primary CSD number.
CSD No. 2	Secondary CSD dial-up phone number.
User Name 2	User name for secondary CSD number.
Password 2	Password for secondary CSD number.
Speed (Bps) 2	Connection speed for secondary CSD number.
Line Type 2	Line type (modem or ISDN) for secondary CSD number.
GPRS APN	GPRS access point name (the name of the WAP service provider).
User Name	User name for GPRS APN connection.
Password	Password for GPRS APN connection.

Running the Micro-Browser in the Background

Some phones are set up to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.

Turning a Background Micro-Browser Session On or Off

Find the Feature   ◁▽ > **Messages**
         ◁▽ > **Info Srvc Setup** > **Service**

Press	To
1 ◉	scroll to **On** or **Off**
2 **SELECT** (◌)	select the setting

Phone Themes

A **phone theme** consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Downloading Themes

To download a theme from the browser, see page 151. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply Theme Now?**

Selecting Themes

You can apply any of the themes installed on your phone.

Note: If one of a theme's components is not available, then a default setting is applied.

Find the Feature   ◁▽ > **Multimedia** > **Themes**
         > theme

Deleting Themes

You cannot delete the preloaded themes on your phone. To delete one or all of the themes that you have downloaded and installed:

Find the Feature   ◁▽ > **Multimedia** > **Themes**
         > theme

Press	To
1 ◁▽	open the **Theme** menu
2 ◉	scroll to **Delete** or **Delete All**
3 **SELECT** (◌)	select the option

Using Photos and Pictures

You can send your photos to other wireless phone users or email addresses, assign photos to specific phonebook entries, and use them as wallpaper or screen saver images.

Your phone may contain predefined photos, pictures, and animations. You can download and store additional images on your phone.

Downloading Pictures

To download a picture with the micro-browser, see page 34. To store a picture from a message, see page 9.

Managing Pictures

Note: Predefined images are identified by a ★ (predefined object) indicator. You cannot rename, delete, or view details about predefined images.

To view a photo, picture, or animation stored on your phone:

Find the Feature   ▽ > **Multimedia** > **Pictures**

Press	To
1 ⊙	scroll to the picture
2 **VIEW** (◌)	view the picture
3 ⊙ up or down	view the next/previous picture
or	
DETAILS (◌)	view picture information
or	
▽	open the **Pictures Menu** to perform other procedures

The **Pictures Menu** can include the following options:

Option	Description
Zoom	Change the zoom factor of the selected picture.
New	Select **Picture** to activate the camera to take a new photo. Select **Picture Album** to collect a group of pictures in a single presentation.
Apply As	Set the picture as your phone's **Wallpaper** or **Screen Saver** image. Select **Phonebook Entry** to assign the picture to a phonebook entry to enable picture caller ID.
Resize Image	Change the size of the selected picture.
Details	View picture information.
Rename	Rename the picture.
Delete	Delete the selected picture or all marked picture(s).
Mark / Unmark or **Mark All / Unmark All**	Mark one or more pictures that you want to move, copy, send, or delete.
Send In Message	Insert selected picture or marked picture(s) in a new message.
Categories	Create a new category, or view pictures in a selected category.
Assign To Category	Assign the picture to a defined category.
Move	Move selected picture or marked picture(s) to another device.
Copy	Copy selected picture or marked picture(s) to another device.
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	View memory space available for storing pictures.

Using Video Clips

You can download video clips with the micro-browser, and receive video clips in multimedia messages. For instructions on how to play video clips stored on your phone, see your *Start Here* guide.

Downloading Video Clips

To download a video clip with the micro-browser, see page 34. To store a video clip from a message, see page 9.

Managing Video Clips

To play a video clip stored on your phone:

Find the Feature   ▽ > **Multimedia** > **Videos**

Press	To
1 ⊙	scroll to the video clip
2 **SELECT** (◌)	start video clip playback

During video clip playback, press ▽ to open the **Videos Menu** to perform various operation on the video:

Option	Description
Zoom	Change the zoom factor of the selected video clip.
Details	View video clip information.
Rename	Rename the video clip.
Delete	Delete the selected video clip or all marked video clips.
Mark/Unmark or **Mark All/Unmark All**	Mark one or more video clips that you want to move, copy, send, or delete.
Send In Message	Insert selected video clip or marked video clips in a new message.
Categories	Create a new category, or view video clips in a selected category.
Assign To Category	Assign the video clip to a defined category.
Move	Move selected video clip or marked video clips to another storage device.
Copy	Copy selected video clip or marked video clips to another storage device.
Videos Setup	Open the setup menu to adjust video clip settings.
Download Videos	Launch the micro-browser to download a video clip.
View Free Space	View memory space available for storing video clips.

News and Entertainment

Games and Applications

Your phone contains Java™ games that you can play between calls. Each game includes online playing instructions.

Your phone may contain additional Java applications that add features and functionality to your phone. Java games and applications are stored in the **Games & Apps** folder on your phone.

Downloading an Application With the Micro-Browser

Find the Feature   ⟨▽⟩ > **Web Access** > **Browser**

Go to the page that contains the application, then:

Press		To
1	⊙	scroll to the application
2	**SELECT** (⟨-⟩)	view the application details
3	**DWNLOAD** (⟨-⟩)	download the application

Note: If you do not have enough phone memory to download a Java™ application, you can free memory space by deleting unused Java applications.

Downloading an Application From a Computer

See page 27 for instructions on connecting your phone to a computer.

On the computer, locate and prepare the file you want to download, then select the following phone menu option:

Find the Feature   ⟨▽⟩ > **Settings** > **Java Settings** > **Java App Loader**

Launching a Java™ Application

Find the Feature   ⟨▽⟩ > **Games & Apps**

Press		To
1	⊙	scroll to the application
2	**SELECT** (⟨-⟩)	launch the application, or open the list of applications in a suite
3	⊙	scroll to the application you want, if necessary
4	**SELECT** (⟨-⟩)	launch the application

Using Control Keys

Your phone's keys perform the following functions in a Java™ application.

Key	Function
⊙	Move up, down, left, or right in a game.
5 JKL	"Fire" your weapon in a game.
⌐	End the application.
☏	Call a number in the application.
⟨▽⟩	Open the Java applications menu.

Analyzing or Deleting a Java™ Application

Find the Feature   ⟨▽⟩ > **Games & Apps**

Press		To
1	⊙	scroll to the application
2	⟨▽⟩	open the application manager menu
3	⊙	scroll to a menu option
4	**SELECT** (⟨-⟩)	select the option to perform procedures as described in the following list

The application manager menu can include the following options:

Option	Description
View Details	Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
Delete	Delete the suite.

Viewing Java™ Version and Available Memory

To view Java version information, or the amount of phone memory available for Java applications:

Find the Feature   ⟨▽⟩ > **Settings** > **Java Settings** > **Java System**

Press		To
1	⊙	scroll through information as described in the following list
2	**BACK** (⟨-⟩)	close the display

Option	Displays
CLDC Version	Your phone's connected limited device configuration version.
MIDP Version	Your phone's mobile information device profile version.

Option	Displays
Data Space (both Java and non-Java data space)	Memory available for application data (such as game scores or application settings), and for downloaded graphics, sounds, all camera photos and MMS messages.
Heap Size	Amount of runtime memory available for Java applications.

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Editing Sounds with MotoMixer

MotoMixer lets you edit and save special MIDI-based sound files called Groove Tunes on your phone. These sound files are made up of 4 instruments such as **piano**, **bass**, **drums**, and **guitar**. The phone comes preloaded with base tracks (which you cannot edit or delete), but you can download others and use them all to create or edit your own mix files. The mix files you create display in the list of available alerts.

Note: To download new MotoMixer files, see page 34.
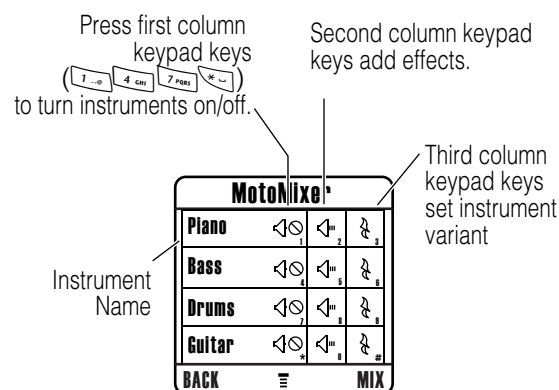
Creating or Editing a Mix File

Find the Feature	⛛ > **Multimedia** > **MotoMixer** > [**New Mix**] or mix file name

	Press	To
1	⊙	scroll to the base track
2	**SELECT** (⬡)	select the base track
3	**CHANGE** (⬡)	select **Name**
4	keypad keys	enter a name for the mix file you are creating
5	**OK** (⬡)	store the name
6	**CHANGE** (⬡)	select **Tempo**
7	⊙ left or right	adjust the tempo setting
8	**OK** (⬡)	store the tempo setting
9	**CHANGE** (⬡)	select Mix to open the mix editor
10	**PLAY** (⬡)	start playing/mixing the track
11	keypad keys	edit the instruments (see following section)
		The track plays to the end and stops. To edit your mix, press **PLAY** (⬡) again.
12	**BACK** (⬡)	close the base track editor
13	**DONE** (⬡)	close the mix file display

MotoMixer Editing Controls

You can select which instruments you want to play and when you want to play them. The mix editor shows the current settings for each instrument (see following table for details).

Press first column keypad keys (1, 4 GHI, 7 PQRS, *) to turn instruments on/off.

Second column keypad keys add effects.

Third column keypad keys set instrument variant

Instrument Name

MotoMixer
Piano ◁◎₁ ◁⊪₂ ♪₃
Bass ◁◎₄ ◁⊪₅ ♪₆
Drums ◁◎₇ ◁⊪₈ ♪₉
Guitar ◁◎* ◁⊪₀ ♪#
BACK ☰ MIX

Press **MIX** (⬡) to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys:

Key	Effect
1	Turn on/off **first** instrument (**Piano** above)
2ABC	Add effect to first instrument
3DEF	Set variant for first instrument
4GHI	Turn on/off **second** instrument (**Bass** above)
5JKL	Add effect to second instrument
6MNO	Set variant for second instrument
7PQRS	Turn on/off **third** instrument (**Drums** above)
8TUV	Add effect to third instrument
9WXYZ	Set variant for third instrument
*	Turn on/off **fourth** instrument (**Guitar** above)
0+	Add effect to fourth instrument
#	Set variant for fourth instrument

Use the following keys to perform additional mix functions:

Key	Effect
☰	Open the **Mix Menu** to reset one or all instruments
BACK (⬡)	Return to the **Mix Details** display when you are finished mixing

Using, Editing, or Deleting a Mix File

To edit or delete a mix file, or set a mix file as a ring tone:

Find the Feature	⛛ > **Multimedia** > **MotoMixer**

	Press	To
1	⊙	scroll to the mix file
2	☰	open the **Mix Menu**
3	⊙	scroll to **Edit**, **Delete**, **Play**, or **Set as Ring Tone**
4	**SELECT** (⬡)	select the option

Creating Ring Tones

You can create and store custom ring tones on your phone. The ring tones display in the list of available alerts.

Creating a Tone

Find the Feature $\boxed{\cdot}$ > **Multimedia** > **Sounds**
                            > [**New iMelody**]

Press	To
1 **CHANGE** ($\ominus$)	select **Notes**
2 $\odot$ up or down **or** keypad keys	enter notes (see following section)
3 **OK** ($\ominus$)	store the notes
4 **CHANGE** ($\ominus$)	select **Name**
5 keypad keys	enter the name for the tone
6 **OK** ($\ominus$)	store the name
7 **DONE** ($\ominus$)	store the tone

Entering Notes

Press $\odot$ up or down to cycle through notes and select the note you want.

Press the keypad keys to set note length, enter rests, and enter or edit note information. If necessary, press a keypad key multiple times to cycle through its available options.

Tip: Press $\boxed{\cdot}$ > **Play All** at any time to play the notes you have entered.

Your phone identifies each note by **octave** (***0** through ***8**), **note** (**a** through **g**, with sharp notes preceded by a **#**), and note **length** (**0** through **5**). For example, a C# quarter note in octave 4 displays as ***4#c2**.

Each note must contain the following information, in the following sequence: **octave**, **note**, **length**, and length **modifier** (optional).

Octave

Enter ***** before a number to identify it as an octave value. Octave information (***0** to ***8**) must come **before** the note. If you do not specify an octave, the note is played as an octave 4 note.

Key	Display	Description
$\boxed{0+}$	*	enter * followed by a number (**0** to **8**) to set the octave

Note: Octaves **3** through **5** cover the full range of notes currently available on your phone. The notes are duplicated in octaves **0-2** and **6-8**.

Notes and Rests

To make a note sharp or flat, enter the sharp or flat character (**#** or **&**) **before** the note.

You can enter one or more rest characters (**r**) in the note sequence. Set rest length the same way you set note length.

Key	Display	Description
$\boxed{0+}$	**#**	sharp
	&	flat
$\boxed{2ABC}$	**a**	note A
	b	note B
	c	note C
$\boxed{3DEF}$	**d**	note D
	e	note E
	f	note F
$\boxed{4GHI}$	**g**	note G
$\boxed{7PQRS}$	**r**	rest

Lengths and Modifiers

Set the length (**0** to **5**) **after** a note or rest. If you do not specify a length, a quarter note length (**2**) is appended to the note. If needed, you can enter an optional length modifier (**.** or **:** or **;**) **after** the length character.

Key	Display	Description
$\boxed{0+}$	**0**	whole note
$\boxed{1}$	**1**	half note
$\boxed{2ABC}$	**2**	quarter note
$\boxed{3DEF}$	**3**	eighth note
$\boxed{4GHI}$	**4**	sixteenth note
$\boxed{5JKL}$	**5**	1/32 note
$\boxed{1}$	**.**	dotted note (1 and 1/2 length note)
	:	double dotted note (1 and 3/4 length note)
	;	2/3 length note

Example

Action
1   Press $\odot$ to scroll up to ***4c**, then wait for the cursor to move to the next position
2   Press $\odot$ to scroll down to ***3f** The phone adds a **2** after each note you enter to identify it as a quarter note.
3   Press $\boxed{7PQRS}$ to enter a rest character (**r**)
4   Press $\odot$ to scroll up to ***3a**
5   Press $\odot$ to scroll up to ***4c**
6   Press $\boxed{\cdot}$ > **Play All** to play the tone

Playing a Tone

Find the Feature $\boxed{\cdot}$ > **Multimedia** > **Sounds**

Press		To
1	⊙	scroll to the tone
2	⊡	open the **Tone Menu**
3	⊙	scroll to **Play**
4	**SELECT** (⊙)	select **Play**
5	**PLAY** (⊙)	play the tone again
6	**CANCEL** (⊙)	return to my tones list

Editing a Tone

You cannot edit the predefined ring tones included with your phone. To edit a ring tone that you created:

Find the Feature   ⊡ > **Multimedia** > **Sounds**

Press		To
1	⊙	scroll to the tone
2	**EDIT** (⊙)	open the tone details
3	⊙	scroll to **Notes**
4	**CHANGE** (⊙)	select **Notes**
5	⊙ left or right	move the cursor to the right of the note information you want to edit
6	**DELETE** (⊙)	delete note information
7	⊙ up or down **or** keypad keys	enter new note information
8	**OK** (⊙)	store new note information
9	**DONE** (⊙)	save your changes

Deleting a Tone

You cannot delete the predefined ring tones included with your phone. To delete a ring tone that you created:

Find the Feature   ⊡ > **Multimedia** > **Sounds**

Press		To
1	⊙	scroll to the tone
2	⊡	open the **Tone Menu**
3	⊙	scroll to **Delete**
4	**SELECT** (⊙)	select **Delete**
5	**YES** (⊙)	confirm the deletion

Camera

For instructions on how to take and send photos, see your *Start Here* guide.

To adjust camera settings:

Find the Feature   ⊡ > **Multimedia** > **Pictures**

                            ⊡ > **Pictures Setup**

The **Pictures Setup** menu can include the following options:

Option	Description
Auto Repeat	Turn repetition **On** or **Off** for picture albums.
Shuffle	Turn shuffle **On** or **Off** for picture albums.
Lighting Conditions	Set to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.
Image Style	Select a color style for images.
Exposure	Set to **+2**, **+1**, **0**, **-1**, or **-2**.
Resolution	Set the camera to capture photos at the following resolutions: **MMS** (160x120 pixels), **Medium** (320x240 pixels, or **High** (640x480 pixels)
Shutter Tone	Activate a tone that sounds when you take a photo. Can be set to **None**, **Chimp**, **Quack**, **Flix**, **Boing**, or **Click**.

SIM Applications

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

**Find the Feature**   ⊡ > **Office Tools** > **SIM Apps**

Troubleshooting

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (USA) or 1-800-461-4575 (Canada).

Question	Answer
Is your battery charged? Do you see ☐ in the display?	The battery level indicator should have at least one segment showing (▯▯). If it does not, recharge your battery. See your *Start Here* guide.
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. See your *Start Here* guide.
Does the handset have a signal? Do you see ⓘ in the display?	The signal strength indicator should have at least one segment showing (ⓘ). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume key on the side of your phone.
Is the other party unable to hear you?	Your phone may be muted. Press **UNMUTE** (◌) if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See your *Start Here* guide for information about what to do if you forget a code or password.

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold (power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed. See your *Start Here* guide.
The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. See your *Start Here* guide.
The display says: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See your *Start Here* guide.
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. See your *Start Here* guide for information about what to do if you forget a code or password.
My phone does not ring.	If you see ⚎ or ⚎ in the display, then the ringer is turned off. To change the ring style, see your *Start Here* guide.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Problem	Solution
I cannot send/ receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least one segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
	Your phone also may have the **Call Barring** feature turned on. If you know the unlock code, you can change this setting in the security menu (▽ > **Settings** > **Security**).
	Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged.
	Also, make sure you have a phone signal (the signal strength indicator should have at least one segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the upper volume key. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my text message inbox.	Before you can use text messages, you must set up the message inbox.
	See your *Start Here* guide.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received:
	▽ > **Recent Calls** > **Received Calls** or **Dialed Calls**
My phone will not send voicemail commands, passwords, or other codes.	You must send PIN codes and passwords as DTMF tones while on a call. You can set your phone's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, try changing the DTMF setting.
	1 From the home screen, press: ▽ > **Settings** > **Initial Setup** > **DTMF**
	2 Press ◎ to scroll to **Long** or Short.
	3 Press **SELECT** (◠) to select it.

Problem	Solution
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors.
	For tips on extending battery life, see your *Start Here* guide.
I am unable to record a voice note, voice name, or voice shortcut	Try moving to a quieter location to make your voice recording. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer.
	Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.
My phone beeped when I attached the data cable, but my data and fax applications do not work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.
	Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard Circuit Switch Data (CSD) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps.
	Note: A GPRS connection may have a higher data transfer rate.
I can't end my data call by closing the application on my computer. What can I do?	Try pressing 🔊 on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.

Problem	Solution
I launched the micro-browser but the display says: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

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U.S. patent Re. 34,976

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