INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

MOTOROLA

User Manual

C-212

START HERE >

Welcome

Left Soft Key
Performs funcions identified by left display prompt.

Earpiece

Antenna

Right Soft Key
Performs functions identified by right display prompt.

Menu Key
Open a menu when ⬤ is in the display.

Navigation Keys
Scroll through lists, set volume.

Power/End Key
Press & hold to turn phone on & off. Press & release to end phone calls, exit menu system.

Send/Answer Key
Make and answer calls; press in idle to list recently dialed calls.

Microphone

Power Connector
Insert charger.

Your phone may ot appear exactly as the phone image above.

Note that all key locations, sequences, and functions remain the same with any of the covers.

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MESSAGING

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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

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Phone Operation
When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation
To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation
When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories
Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility
Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities
Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices
Pacemakers
Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker. Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pa cemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices
If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving
Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe". Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

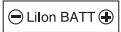### *Blasting Caps and Areas*

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Use only Motorola original batteries and chargers.

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow..
⊗	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Your battery or phone should not be thrown in the trash.
⊖ LiIon BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights featureon your phone. (The blinking-light feature is not available on all products.)

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Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

Getting Started

What's in the Box?

Your digital wireless phone typically comes with a battery and a charger. Other accessory options can customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

About This Guide

This user's guide describes how to use your Motorola wireless phone.

Optional Features

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

Optional Accessories

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

Installing the Battery

You must install and charge the battery to use your phone.

Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Action

1 Remove the battery from its protective clear plastic case, if necessary.

2 Separate cover and releasedown on the cover release button at the top of your phone.

Release Button   2

3 Pull the top of the phoneís back cover to release it.

3

Action

4 Insert the battery with printed arrows and 2 tabs at the top of the attery compartment.

4   5

5 Push down until the battery is inserted at the bottom.

6 Insert the bottom of the back cover.

7 Press the top of the back cover down until it hooks over the cover release button.

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Charging the Battery

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

Caution: If the battery is fully discharged, your phone may not display **Charging** for up to 1 minute after inserting the charger. Do not attempt to force the charger further in if you do not see an immediate response.

Action

1 Plug the travel charger into the
middle jack on the bottom of
your phone.

2 Plug the other end of the
travel charger into the
appropriate electrical outlet

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

When you charge the battery, the battery level indicator in the
upper right corner of the display shows how much of the
charging process is complete.

Charging time

The Table below displays an approximate battery charging time.

- The charging time depends upon the reminded capacities of
a battery.
- Charge the battery in the room temperature.

Battery	Charging Times
Li-Ion 700mAh	Within 5 hours

Battery Use

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original™, batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer initial charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while,
- Store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.
- Activities that require intensive keystroke use (such as playing a game or using messaging) reduce your phone's talk and standby time. To help maximize battery life, activate Battery Save.

Never dispose of batteries in a fire because they may explode. The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Contact your local recycling center for proper disposal methods. Refer to your battery's label for battery type.

Resetting Your Phone

If your phone freezes on a display, error message, or power up, reset it by removing and reinstalling the battery:

Action

1 Turn off your phone

2 Remove and reinstall your battery as described on page 19.

3 Turn on your phone.

Turning Your Phone On

1 Press and hold (✂) (End/Power key).

End/Power━━

Note: If your cellular phone company uses the SIM card, please proceed as indicated in the step 2 below to turn on the phone, otherwise skip step2 and go directly to step3.

2 If necessary, enter your 4-digit unlock code and press **OK (** ⬚ **)** to unlock your phone.

Note: The unlock code is originally set to 1234 by Motorola (for more information, see page 111). Your cellular phone provider may have changed the lock code to the last four digits of your phone number or for specific 4-digit code. In this case please contact your cellular phone operator to geet the correct unlock code.

Adjusting the Volume

You can adjust your phone's earpiece and ring tone volume by pressing right and left on the ($\spadesuit$) :

When	You Can Adjust
You are in a call	Earpiece voice volume
The display is idle	ring tone volume

Tip: At the lowest ring tone volume setting, press ($\spadesuit$) left once to switch to vibrate alert. Press ($\spadesuit$) left again to switch to "Ringer off "alert in the "vibrate" mode.

Press ($\spadesuit$) left again to switch to "Silence all" in the "Ringer off" mode. Press ($\spadesuit$) right to cycle back to vibrate alert, then ring alert.

Making a Call

Press	To
1 keypad keys	Dial the phone number
	Tip: If you make a mistake, press **DELETE** (⬜/) to delete the last digit, or press and hold **DELETE** (⬜/) to delete all digits.
2 ⬚ (Send/Answer key)	Make the call
3 ⬚ (Power/End key)	End the call and "hang up" the phone

Answering a Call

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

Action
1 Press ($\swarrow$) or **ANSWER ($\searrow$)**
2 Press ($\searrow$) (end key) when the call is done.

Note : If the phone is locked, you must unlock it to answer the call.

Dialing Menu

Press	To
Entering Number(s) $\bigcirc$	> Attach Number > Hide ID > Insert Pause > Insert Wait > Send Message

Active Call Menu

Press ($\bigcirc$) key during the call to access call menu.

Press	To
In Call status $\bigcirc$	> Mute > Hold > New Call > My Phone # > Outgoing Calls > Incoming Calls

Mute

Press	To
Press (⬤)	Press **UP/DOWN** (⬤) key to select "Mute", and then press (▭). The microphone will be turned off.

- Unmute
1 Press (▭) on the conversation screen.
2 The microphone will be turned on.

My Phone

Press	To
Press (⬤)	press **UP/DOWN** (⬤) key to select "My Phone #", and then press (▭). You will see your mobile phone number.

Outgoing calls

Press	To
Press (●)	press **UP/DOWN** (●) key to select "Outgoing calls", and then press ( ). You will see outgoing calls list.

Incoming calls

Press	To
Press (●)	press **UP/DOWN** (●) key to select "Incoming calls", and then press ( ). You will see incoming calls list.

New Message

Press	To
Press (●)	press **UP/DOWN** (●) key to select "New Message", and then press ( ). You will send text Message.

Voice Privacy

Press	**To**
Press (●)	press **UP/DOWN** (⬤) key to select "Voice Privacy", and then press (▭).You will see Voice Privacy list

Tone Length

Press	**To**
Press (●)	press **UP/DOWN** (⬤) key to select "Tone Length", and then press (▭). You will see Tone Length list

Learning to Use Your Phone

Using the Display

The idle display (shown below) is the standard display when you are not on a call or using the menu.

Clock

Menu Indicator

Soft Key Labels
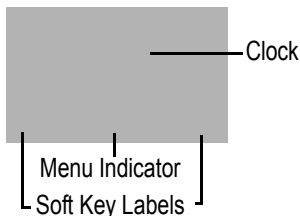
The (![menu]) (**menu**) indicator at the bottom center of the display indicates you can press the menu key (![menu]) to display the main menu to see more features.

Labels at the bottom corners of the display show the current soft-key functions. Press the left soft key (![left soft key]) or right soft key (![right soft key]) to perform the function indicated by the left or right soft key label.

The following status indicators can display:

❸ Digital / Analog / 1X ❹ In Use ❺ Roam ❻ Text Case(if applies)
SERVICE STATUS

❼ Message or
Entry Method

❷ Signal
Strength

❽ Battery Level

❶ Alert Type

❶ **Alert Type Indicator** Shows the currently selected alert profile. The default alert profile is loud ring.
Ringer Volume: Silence All -> Ringer Off -> Vibrate -> Low -> Medium -> High -> High & Vib. -> Escalating

Name	Icon
Escalating	⚠️⁰
High & Vib.	⚠️
High	⚠️)
Medium	⚠️)
Low	⚠️⁰
Vibrate	⏸d⏸
Ringer Off	✕
Silence All	⚠️ᶻₓ

❷ **Signal Strength** Indicator Indicates the strength of your phone's connection with the network

Strong 📶 　　 📶 　　 📶 　　 📶 　　 📶 **No signal**

You cannot make or answer calls when the "no signal" indicator displays.

③ **Digital/Analog /UIS-1X-SERVICE STATUS** If you are in a digital coverage area, lights up the digital indicator. Lights off when you are in an analog coverage area.

④ **In Use Indicator** (🔊) Appears when a call is in progress.

(✕) If you trouble beyond the range of a cellular system, the **No Service indicator** appears to let you know that calls cannot be placed or received from your location.

⑤ **Roam/Home** Lights up when your phone accesses a wireless service outside `of your home system. When you leave your wireless Service Area, your phone roams (seeks another wireless system).

⑥ **Text Case Indicator** Indicates the text case when you are in a text editor.

⑦ **Message or Entry Method Indicator** Indicates when you have an active Chat session (🗩), or when you have a new voice (📟) or text (✉) message waiting. When you enter a text message, a number here indicates how many more characters can fit in the message.

⑧ **Battery Level Indicator** Shows the amount of charge left in your battery. The more bars visible, the greater the charge. Recharge your battery as soon as possible when you see the **Low Battery** warning message and hear the low battery alert.

Using the 4-Way Navigation Keys

Use the 4-way navigation keys like a joystick to navigate the menu system, change feature settings, and play games.

Navigation
Keys

Tip: Down and up are the primary movements within menus.
Move left and right to change feature settings, navigate the datebook, and edit text.
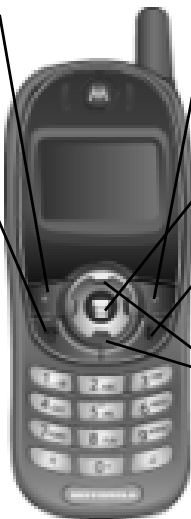
Using Menus

From the idle display, press (⬤) to display the main menu.

Left Soft Key
Perform functions
identified by left
display prompt.

Power/End Key
Press & hold to turn
phone on & off.
Press & release to
end phone calls, exit
menus.

Right Soft Key
Perform functions
identified by right
display prompt.

Menu Key
Enter menu system
or open a sub-menu.

Send/Answer Key
Places or answers a
call.

Navigation Keys
✥
Scroll through
menus & lists, set
feature values.

Selecting a Menu Feature

From the idle display, select a menu feature as follows:

Find the Feature ⬤	> **Recent Calls** > **Outgoing Calls**

This example shows that from the idle display, you must
press (⬤), scroll to and select **Recent Calls,** then scroll to
and select **Outgoing Calls** to display the dialed calls list. Use
(✥) to scroll, and the left/right soft keys to perform the
functions in the bottom left and right corners of the display.

Selecting a Feature Option

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

Press (✐) to
display the
previous screen.

> Outgoing Calls
> **6) Johone Smith**
> 5) 123456.....
> BACK ▤ VIEW
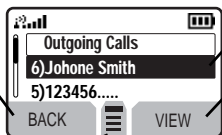
Highlighted item

Press **VIEW (⬚)**
to display details for
the highlighted item.

Press (▤) to open the sub-menu.

- Press (●) to scroll up or down to highlight an item.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press (◆) to the left or right to scroll and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information: For example, enter "phonebook" menu and select "Add New Entry"menu.

Press (⬤) to scroll down to additional items.

Highlighted item

   📶   🔋

Add New
Name:
No.: 12345....
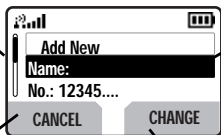
CANCEL   CHANGE

Press **CANCEL** (▭) to exit without making changes. **DONE** (▭) displays when you enter or edit

Press **CHANGE** (▭) or number keys to edit the information.

The message center lets you compose and send text messages. A flashing cursor shows where text will appear:

Flashing cursor indicates insertion point.

Countdown icon (only input SMS Text Message)

   📶   T✎ 160 🔋
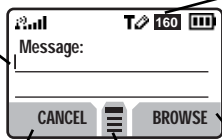
Message:
|

CANCEL ≡ BROWSE

Press **CANCEL** (▭) to exit without making changes.

Press **BROWSE** (▭) to view and insert stored text.

Press (⬤) to open the sub-menu.

When you enter text using the standard tap method, the flashing cursor changes to a block cursor, and the soft key functions change:

Block cursor indicates currently highlighted character.
After 2 seconds, the block cursor reverts to a flashing cursor and moves to the next position.
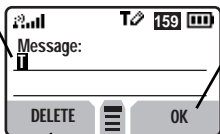
Press **OK** ( ) to accept and store the text.

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

Choosing a Text Entry Method

Your Phone includes six methods of editing text in the text editor. The following describes how to change in these methods.

Press	To
1 ⬛ -> Select "**Entry Method**" in the editor menu -> enter **ENTRY METHOD** ⬛ -> enter **ENTRY METHOD** screen	In case of a text entry screen to input text message or input the datebook title. In case of a text entry screen to input phonebook entry, mytones name and others.
2 (⬇) or (⬆)	To highlight the desired Text Entry Mehod.
3 ( )	To select the highlighted method.

iTAP English	Let the phone predict each word as you enter it, then choose the word from a list. When Established language is English.
iTAP Spanish	When Established language is Spanish.
iTAP Portuguese	When Established language is Portuguese.
Tap Method	Enter characters one at a time by pressing the key for the letter, number, or symbol see page 41). This is the standard method for entering text.
Numeric	Enter numbers only.
Symbol	Enter symbols only (see page 45).

Note: The text entry method you select remains active until you change it by selecting another method. The Text entry is supported Tap Method (and numeric method) at when input Email and canned message edit and input password.

Using the Tap Method

The Tap Method of text entry method is the standard method. Each number key on the keypad is used to input a series of characters (See Page 41 Character Chart) which can be accessed through pressing a single key multiple times.

Select Tap Method in a **ENTRY METHOD** screen.

1. Tap Method Rules

  1.1 The first character of every sentence is automatically capitalized.

  1.2 If the cursor is the Block cursor:

   - Press the previously pressed digit key repeatedly to circulate that of a series of characters.

   - Press a different key:Your phone will accept the

character, advance the cursor and insert the first
character associated with the last key pressed.

Press	To
(⊕)	Your phone will accept the character and advance the cursor to the next position as an I-Beam.

If no keys are pressed after two seconds, the character in
the Block is accepted and the cursor advances to the next
position as an I-Beam.

Press	To
(⊕) or (⊕)	Your phone will be changed between upper case and lower case.

1.3 If the cursor is the I-Beam cursor:

Press	To
(⊕)	The cursor will be moved to the left. (If cursor is placed last position and last character is space, remove space character.)
(⊕)	If cursor is placed last position of edited text, your phone will insert a space character.If cursor is placed among edited texts,The cursor will be moved to the right.
(⊕)	The cursor will be moved to the same position in the line above the current line.(unless it is on the top line, in which same case nothing happens.)

Character Chart

Use this chart as a guide for entering characters with the tap method.

`1`	Space . 1 @ ? ! , & : ; " ( ) ' ¿ ¡ % $ _ ~ \
`2 ABC`	A B C 2 À Á Â Ä Ç
`3 DEF`	D E F 3 É È Ê
`4 GHI`	G H I 4 Í
`5 JKL`	J K L 5
`6 MNO`	M N O 6 Ñ Ò Ó Ô Ó Ô
`7 PQRS`	P Q R S 7
`8 TUV`	T U V 8 Ù Ú Ü
`9 WXYZ`	W X Y Z 9
`0`	+ - 0 * / = > < # § [ ]

Note: This chart may not reflect the exact character set available on your phone.

Press and Hold 2 seconds to toggle from **Tap method** to **Numeric method**

Using the iTAP™ Method

iTAP™ software provides a predictive text entry method that lets you enter a word using one keypress per letter.

Press (⬤) **Entry Method** from a text entry screen and select iTAP

Entering Words

	Press	To
1	A number key One time	enter the first letter of the word associated with the key are shown at the bottom of the display. (The edit screen is entered to iTAP word screen.)
2	Number Keys (one per letter)	enter the rest of the word Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress.
3	⬡ Left or Right	highlight the word you want
4	SELECT (▭)	enter the word at the flashing cursor. A space is automatically inserted after the word. (The iTAP word screen is escaped to the edit screen.)

For Example, to spell "art," press `2 ABC` `7 PQRS` `8 TUV` .
The display shows:

Flashing cursor indicates insertion point.
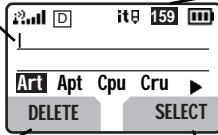
Countdown icon (only input **SMS** Text Message) Press (🌐) to scroll and see additional choices.

Art Apt Cpu Cru ▶
DELETE   SELECT

Press **DELETE** (🔽) to clear the last letter entered.

Press **SELECT** (🔽) to insert the highlighted letters.

Entering Punctuation
- To add a symbol to the end of the word.

Press	To
1 Press `0 +`	+ - 0 * / > < # § [ ]
2 Press `1 @`	' Space . 1 @ ? ! , & : ; " ( ) ¿ ¡ % $ _ ~ \

Change of capitalization rule

- Press (🌐) : If the words aren't capitalized, press (🌐) once to capitalize the first letters of those words. Press (🌐) again to capitalize all of the letters in each word (for example, car->Car->CAR).

- Press (🌐): If the words are capitalized. press (🌐) once to capitalizes the first letters of those words. Press (🌐) agian to changes the words to all lower case (for example, CAR->Car->car)

Entering Numbers in iTAP Method

- Press number key: All letters associated with the key are shown at the bottom of the display.
- Press (🌐) or (🌐): Move the highlighted cursor to the numeric letter.
- Press number key : The corresponding digit will be added to the end of numeric letter.
- Press (▭): Exit iTAP word screen and the numbers are entered at the flashing cursor position in edit screen.

Deleting Letters and Words

Press	To
1 **DELETE** (▭)	The last letter of the entered words/numbers will be removed in **iTAP** word screen.
2 **DELETE** (▭) and Hold	All the entered words/numbers will be removed in **iTAP** word screen and exit **iTAP** word screen, return to the edit screen.

Using Symbol Method

To enter symbol characters in a message, press (●) > **Entry Method** from any text entry screen and select **Symbol**.

Press	To
1 A number key one time	display its symbol options at the bottom of the display.
2 ⊙ **left** or **right** or the number key repeatedly	Highlight the symbol you want
3 **SELECT** (⊡)	Enter the symbol

Symbol Chart

Use this chart as a guide for entering symbols in symbol method.

Key	Result
1 - @	Space . 1 @ ? ! , & : ; " ( ) ' ¿ ¡ % $ _ ~ \
2 ABC	@ _ \
3 DEF	/ : ;
4 GHI	" & '
5 JKL	( ) ( ) { }
6 MNO	¿ ¡ ~
7 PQRS	< > =
8 TUV	$ £ ¥
9 WXYZ	# % *
0 +	+ - 0 * / = > < # § [ ]

CANNED MESSAGE

"CANNED MESSAGE" is predetermined sentence that are often used, and used only in text message entry.

1 In text message entry screen :

Press	To
1 (**BROWSE**) or (●)	Select "**Browse**" in editor menu > enter **CANNED MSG** screen. The list of canned message will be displayed. (total:20items > 10 default items and 10 user-editable items)
2 (⊕) / (⊕)	To highlight the desired canned message.
3 (⬚)	To insert highlited canned message in text message entry screen.
4 (◻)	To return to the text message entry screen.
5 ( )	To enter **BROWSE OPTION** screen. BROWSE OPTION> - "Add New" : To input new canned message - "Edit" : To modify the predetermined canned message. - "Erase" : To delete predetermined canned message.

QUICK TITLE

"QUICK TITLE" is predetermined title that are often used, and used only in "datebook title" entry.

1 In the "Datebook title" entry screen:

Press	To
1 (**BROWSE**) or (⬛)	Select "**Browse**" in editor menu -> enter **QUICK TITLE** screen. The list of quick title will be displayed.(11 items)
2 (⬆)/(⬇)	To highlight the desired quick title.
3 (⬛)	To insert highlighted quick title in datebook title entry screen
4 (⬛)	To return to the datebook title entry screen.

Recent Calls

Outgoing Calls

Press	To
☰ >Recent Calls > Outgoing Calls	You can see the list of outgoing calls. If you press **DETAIL**, you can see more information.

Incoming Calls

Press	To
☰ >Recent Calls > Incoming Calls	You can see the list of incoming calls. If you press **DETAIL**, you can see more information.

Missed Calls

Press	To
☰ >Recent Calls > Missed Calls	You can see the list of missed calls. If you press **DETAIL**, you can see more information.

Note: When your phone displays **Missed Calls**, press (☐) to see the list of calls, and press (☐) to dial the seleceted call.

Erase History

Outgoing Calls

Press	To
● > Recent Calls > Erase History > Outgoing Calls	You can delete the list of outgoing calls.

Incoming Calls

Press	To
● > Recent Calls > Erase History > Incoming Calls	You can delete the list of incoming calls.

Missed Calls

Press	To
● > Recent Calls > Erase History > Missed Calls	You can delete the list of missed calls.

All Calls

Press	To
● > Recent Calls > Erase History > All Calls	You can delete the list of all calls.

Call Time

Last Call

Press	To
● > Recent Calls > Call Time > Last Call	You can see the last call time. You cannot reset this value.

Outgoing Calls

Press	To
● >Recent Calls > Call Time > Outgoing Calls	You can see the all of outgoing calls time after recent reset.

Incoming Calls

Press	To
● > Recent Calls > Call Time > Incoming Calls	You can see the all of incoming calls time after recent reset.

Total

Press	To
● > Recent Calls > Call Time > Total Calls	You can see the all of outgoing and incoming calls time after recent reset.

Life time

Press	To
● **> Recent Calls** **> Call Time** **> Lifetime**	You can see the all call times. You cannot reset this value.

Reset

Press	To
● **> Recent Calls** **> Call Time** **> Reset**	You can reset call times of outgoing call, incoming calls and total calls. You cannot reset this value.

Media Center

Theme

A theme is a group of settings for your phone's screensaver, wallpaper, ring tone, and other personal preferences. When you select a theme for your phone, the theme instantly applies all of its settings to your phone.

To download a theme, see page ???.

When you receive the theme, you can instantly apply its settings when your phone prompts you to Apply Now?

Your phone saves the downloaded files so that you can always apply them as individual items.

When you select a theme for your phone, the theme instantly applies all of its settings to your phone:

Press	To
● **> Media Center > Theme**	
✈	Scroll to the theme you want
Select (\ ) **or** ●	Apply the theme Open the theme menu to **Delete** themes

Notes:

• Phone settings that are set by the theme appear with the value (Set by theme). Changing any 1 of the values set by the theme resets the Theme selection to Custom, though the theme's settings all remain except for the 1 you changed.

Tones / IMGS

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Notes :
- You can download, use, and delete themes, but you cannot edit them. Downloaded themes may arrive in MTF files, compressed with files that they reference.

Picture Viewer

Your phone contains pictures and animations that you can insert into text messages, and use as wallpaper and screen saver images. To download pictures or animations, see page ??? (Browser section). Your phone may also include predefined images. You cannot rename or delete about predefined images.

Press	To
● **> Tones/Imgs >Picture Viewer**	
⊕	Scroll to the picture
Select (⧅)	View the picture
⊕ **up or down**	View the previous/next picture
or **Details (⧅)** **or** ●	View picture information Open the **Picture Viewer** menu to perform other procedures as described in the follwing list.

Menu Options

The Picture Viewer menu can include the following options:

Details	View picture information.
Set as Wallpaper	Set the picture as your phone's wallpaper image.
Set as Screen Saver	Set the picture as your phone's Screen Saverimage.
Rename	Rename the picture.
Delete	Delete the picture.

Note: When you set an animation as a wallpaper image, only the first frame of the animation appears.

Note: The screen saver image is shrunk to fill the display, if necessary. An animation repeats for 5 times, then the first frame of the animation displays.

Tones / IMGS

Ringer Type

Predefined

After you choose a style, your phone will give you a brief sample of your new alert sound.

Press	To
● > Media Center > Ringer Type > Predefined	To select the feature.
Press ⊕	To scroll the ringer styles As you scroll your phone will give an audible sample of the currently displayed style.
Press (⬚)	To select the displayed option -> Ring 21(Default: Acoustica)
Press (⬚)	To exit.

My Bell

You can download up to 14 ringer tones over the network.

Press	To
● > Media Center > Ringer Type > My Bell	To select the feature.
Press ⊕	To scroll the ringer styles As you scroll your phone will give an audible sample of the currently displayed style.

Press	To
Press ($\boxed{\cdot}$)	To select the displayed option -> My Bell 14
Press ($\boxed{\cdot}$)	To exit.

My Tones

This feature allows the user to manage tones, include creating new tones and deleting tones.

Find the Feature

$\bigcirc$ **> Media Center >Ringer Type > My Tone**

Tone Menu (Submenu of My tones – **New Tone, Edit, Delete, Play, Help**) can only be accessed from My Tones List View by pressing the ($\bigcirc$) key.

```
📶         🔋
   My Tones
 Tone 1
 [ New Tone ]
 EXIT  ☰  EDIT
        ☰
```
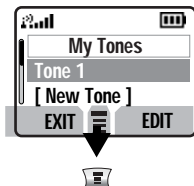
Tone Menu is not available when (**New Tone**) is highlighted in the My Tones List View.

```
   Tone Menu
  New Tone
  Edit
  Delete
  Play
  Help
        ▼
```

Tones / IMGS

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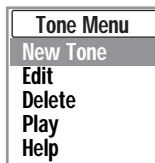
New Tone

Press	To
● **> Media Center > Ringer Type > My Bell**	To select the "New Tone" and press (☐)
Select Notes (☐)	Enter **Notes** and press (☐)
Select Name (☐)	Enter the **name** and press (☐)

Notes

- The maximum length of a tone will be 120 characters and tone names are limited to 32 characters.
- If the user tried to store a tone without name a transient error message " Tone Name Required" is displayed.
- If the user tried to store a tone without notes a transient error message " Tone Notes Required" is displayed.
- If all user locations are full a transient error message "Memory Full" is displayed.
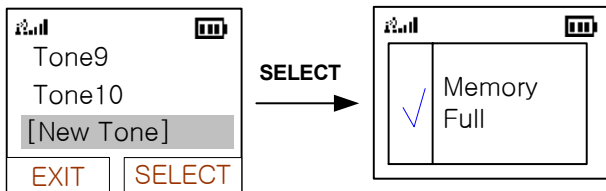
Edit

User can access tone detail form by either:

Select **Edit** key from **My Tones List View.**

Select **Edit** from **Tone Menu**

Press	To
● **> Media Center > Ringer Type > My Bell**	Select (●) key from **My Tones** list view.
Select **Edit** (▭)	You can edit **Notes** and **name** and press (▭)
Press (▭)	You can save it.

Delete

The user can delete a selected **My Tones**. Before an entry is deleted a confirmation dialog is displayed to the user.

Press	To
● **> Media Center > Ringer Type > My Bell**	Select (●) key from **My Tones** list view.
Select **Delete** (▭)	Press (▭) you can delete it

Play

To play **My Tones**, the user can do one of the following: Scroll to the desired entry and select Play from the **My Tones** menu, the user is taken to an animated playback meter.

Help

The user can Help menu a selected My Tone.

---- Help -----

To enter a note, use the up/down scroll. A note can also be entered using the key associated with the note letter. Change octaves using the 0 key to insert a ' * ' followed by the octave number. Insert a flat '&' or a sharp '#' using 0 key before the note. Change duration by inserting 0-5 after the note. Modify duration by 1+1/2='.' or by 1+3/4=':' or by 2/3=';' using 1 key after note. Insert a rest 'r' using 7 key. Scroll left/right using the * and # key.

BROWSER

> The WAP browser lets you to access Web pages and web-basic applications on your phone.
>
> Contact your service provider to setup access if necessary.

Launch Browser

You can launch browser.

Press (●) Find the Browser > Launch Browser

Press	To
Select (☐)	Launch Browser and go to url which set as default in web session menu.
EXIT (☐)	Return to the previous menu
END (☎)	Exit Browser

Interacting with web pages

Press	To
(●) **up** or **down**	Scroll through a pages
Select menu soft key	Open the browser menu
Press ☐ key	Open the browser menu
Press and hold ☐ key	Go to homepage
Press ☐ key (input mode state in wap browser)	Change input mode

Launch Browser with Web Session profile

You can see profile list and launch browser with a selected profile.

Find the Feature Press ($\bigodot$) > Browser > Web Session

Press	To
($\textcircled{\scriptsize\textbf{\textbullet}}$) **up** or **down**	Scroll profiles and (**New Entry**)
Launch ($\boxed{\cdot}$)	Launch browser with selected profile.
Select ($\boxed{\cdot}$)	Enter new profile (view when a focus is in **NEW ENTRY**)
($\bigodot$) **menu**	View information of current profile
BACK ($\boxed{\cdot}$)	Return to the previous menu

View information of current profile

You can see information of current profile. The profile can be set as a default profile and deleted also.

Find the Feature ($\bigodot$) > Browser > Web Session > ($\bigodot$)

Press	To
($\textcircled{\scriptsize\textbf{\textbullet}}$) **up** or **down**	Scroll in items

Press	To
Select (⬚)	Set current profile as default (Set default)
	(name, homepage, wap ip1, wap port1, wap ip2, wap port2, csd no, user name, password) Delete current profile (⬚) (Delete)
	View detail information of current item
(⬚) **BACK**	Return to the previous menu

View detail information of current item

You can see detail information of current item.

Find the Feature (●) > Browser > Web Session > (●) > select

Press	To
EDIT (⬚)	Edit current item
(⬚) **BACK**	Return to the previous menu

Create and save a browser new profile

You can create a new profile and edit a new information.

Find the Feature (●) > Browser > Web Session >
[New Entry]

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Press	To
SELECT (🔲)	Edit current item
BACK (◻)	Return to the previous menu
SAVE (🔲)	Save current profile (view this softkey when all items have a value)

Setting profile discription

setting	Description
Name	Web session name
Homepabe	Default home page
WAP IP 1	Primary WAP gateway IP address
WAP port 1	Primary WAP port number
WAP IP 2	Secondary WAP gateway IP address
WAP port 2	Secondary WAP port number
CSD No.	Phone number to use to set up a CSD connection
User name	User name
password	

Service Load

• You can set service load option menu.

Find the Feature (●) > Browser > Service Load

• Allow - Automatically accepts SL attempts with no user confirmations.
• Deny - Rejects all SL attempts with no user confirmations.
• Ask - Prompts user each time a SL attempt is made.

Downloading Pictures, Games, and Sounds through wap browser

You can download a picture, animation, sound, game upgrade, or theme from a Wap browser by selecting its link. A picture or animation appears when downloading completes. A sound plays when downloading completes.

You can store these object files on your phone, and use them as screen saver images, wallpaper images, and ring tones.

Press	To
Press (⬤) key, **Find the Browser > Launch Browser**, then go to any web site	During a Wap browsing, go to the Web site and find the file you want.
	Follow the directions on the site to purchase the file (payment details vary). The site sends a text message to your phone, containing the attached file or a URL link to the file
	Open the message and store the file

Notes:

• Call charges apply during download sessions.
• When your phone runs out of memory for downloaded files, you can not download new files. Downloaded files share your phone's memory, so you can make room for a picture, for example, by deleting ring tones.

Phone Book

Creating a Phonebook Entry

You can store a list of names and phone numbers in your phone's electronic phonebook. Each memory location from 01 through 100 can store three numbers, one email address, a ringer ID and one name associated with them. For a single contact, you can store multiple numbers – for home, office, mobile.

Entry's Name
Entry's phone number
Type
Home 🏠
Office 🏢
Mobile 📱

Image
📶   🔋
Name : _____
No.: 123456....
Type:Home   <🏠>
DONE   CHANGE
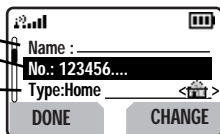
Speed number   Entries with a speed
Ringer ID   dial number from 1 to
Email   300 are stored on your
               phone.

To create an entry:

Action
Enter the phone number you want to store, then press (▭). You can store up to 32 digits per phone number entry.
Or, Press (●) scroll to Phonebook and press (▭). Scroll to Add **New Entry** in the menu list and press (▭).
Scroll up to the name item and press (▭) or number keys to enter a name. In the same way, enter a number item.
Entering text methods (iTAP) are explained in page ??.

Action

Now scroll down to the type item and choose the number type (home, mobile, office). Press (⊕) **left** or **right** to change the type or press (▭) and select one from the list.

Default speed no. is **None**, you can press (▭) and select the displayed number or you can press (▭) to erase the displayed number and enter a new number and press (▭) .

Scroll down to Ringer ID item. Default Ringer ID is **None**. Press (⊕) left or right to change the Ringer ID or Press (▭) and select a Ringer ID from the list.

Scroll down to Email item. Press (▭) or number keys to enter an email address.Entering text methods(iTAP) are explained in page ??.

Scroll down to **---More---**.

If you want to save another number for this entry press (▭) and you see new input fields for one more number. If name and number are not entered, '**Name and number required**' warning message is displayed.

Edit the fields as above. You can add total three numbers for one entry. If you try to add more than three numbers, a warning message '**Can't add field any more**' is displayed.

If you do not want to save another number and you are done, press (▭) .

BROWSER

You see **Duplicated Name** or **Duplicated Number** if the number or name is the same as one already stored. WhenPrompted **Store anyway?** Select **Yes** by pressing (☐✓) to store or select **No** by pressing (╲☐) to go back and re-edit the entry.

Finding a Phonebook Entry

You can locate a phonebook entry by the name stored with that entry or by the entry's location number (01 through 100), or by the entry's speed dial number (01 through 300).

```
┌─────────────────────┐
│ .ₐ.ıl    it⊖    ▥ │
│ Find Name :         │
│ │                   │
│                     │
│  EXIT   ≡    FIND   │
└─────────────────────┘
```
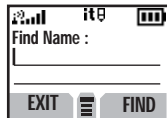
Finding by Name

Action

Press (●), scroll to **Phonebook** and press (▼).
Select **Find Name** from the menu list.

Enter the letters of the name you are finding, and press (▼). You can also press (▼) without entering any letters.

Your phone displays the list of all the entries matching the letters you entered. (sorted alphabetically). If you haven't entered any letters in the previous screen your phone shows all the entries in the phonebook sorted in alphabetical order. If no name is found matching the letters you entered, you see **No Matched Name Found** and you can enter the letters again.

Scroll to the name of the entry you want. Or Press the key with the first letter of the name you want. (If no entry beginning with that letter is found, you see "xxNot Found" xx being the letter you entered.)

Press (▼) to view the details of the entry.

Press (●) you can edit it.

New : Insert the new phone number.

Edit : Edit the selected number.

Delete : Delete the selected number.

Send Message : Send a message to the selected number

Set Primary No : Changes the primary no.

Add Digits : Add digits to the number.

Attach Number : Attach to other stored number.

Sort : Sort the phonebook list by name or by location.

Phone Book Menu
New
Edit
Delete
Send Message
Set Primary No.
Add Digits
Attach Number
Sort

Press ($\boxed{\nearrow}$) to dial the entry.

Or Press ($\Longleftrightarrow$) left right to select another number (for example office or mobile) in the same entry.

Finding by Location

Action

Press ($\boxed{\bigcirc}$), scroll to **Phonebook** and press ($\boxed{\cdot}$) .
Select **Find Location** from the menu list.

Enter the number of the position you are finding, and press ($\boxed{\cdot}$).
You can also press ($\boxed{\cdot}$) without entering any location numbers.

Your phone displays the entry stored at that location with a list of all the entries in your phonebook. If you haven't entered any number location 01 is displayed. If there is no number stored at the location you entered, you see (**xx Not Found,** xx being the location you entered), and you can enter the location number again.

Press the number key one time and the entry at that 1-digit location is displayed. Press the second number key within 1.5 seconds and the entry at that 2-digits number's location is displayed. If there is no entry at that location you see (**xx Not Found, xx** being the location you entered.)

Press ($\boxed{\cdot}$) to view the details of the entry.

Press ($\swarrow$) to dial the entry.

Or Press ($\oplus$) left right to select another number (for example office or mobile) in the same entry.

Finding By Speed Dial

Action

Press ($\bullet$), scroll to **Phonebook** and press ($\boxed{\cdot}$).
Select **Speed Dial** from the menu list.

All the numbers with valid **speed dial** numbers are displayed, sorted in speed number order.

Press a number key and the number with that **speed dial** number is highlighted. Press the second number key within 1.5 seconds and the number with that 2-digit speed dial number is highlighted. Same with the 3-digit speed number.

Phonebook Option

You can access **phonebook option** menu by pressing ( ) when you are in phonebook list or detailed view.

New

Refer to "Creating a phonebook entry".

Edit

Editing the selected entry. The procedure is the same as "Creating a phonebook entry".

Delete

Deleting the selected entry. If you delete from the list, whole entry is deleted.

If you delete from the detailed view, only the number showing on screen is deleted.

Send Message

Sends message to the selected number or email. Refer to SMS manual.

Set Primary No.

Changes the **primary number** for the selected entry. **Primary Number** is the number that is displayed initially on the list.

Action
Shows a list of all numbers stored in the selected entry. Scroll to the number you want to set **primary**, and press ( ).

Now the **primary number** is changed. This number will show first when the list is displayed.

Add Digits

Shows the number you selected on the screen, you can **add digits** to the number and store it or call it as you wish.

Attach Number

Attach another number to the selected number.

Action
Attach Number shows a list (Phonebook/Outgoing calls/ Incoming calls) you can choose the number to attach from. Scroll to the list you want, press (⌷).
You see all the numbers from the list you just selected. Scroll to the number you want to attach and press (⌷) again.
Now 2 numbers (the number you originally selected before pressing (●) and the number you just selected from the list) are attached and displayed on the screen.

Sort

Sort the phonebook list by name or by location.

Action
Scroll and press (⌷) . Once you change the order, the list will be sorted in this order whenever you access the phonebook.

Speed dial

You can assign or remove **Speed Dial No**. for each phone number.

Action
Press ($\bullet$), scroll to Phonebook and press ($\boxed{\cdot}$). Select **Speed Dial** from the menu list.
All the numbers with valid **speed dial numbers** are displayed, sorted in speed number order. And empty **Speed Number** slots are displayed with space in the list.
When empty slots are highlighted, ($\boxed{\cdot}$) will be **BROWSE** key and when slots with entries are highlighted ($\boxed{\cdot}$) will be **REMOVE** key.

Dialing a Phonebook Entry

To call a number stored in your phonebook:

Action
Retrieve the desired number. (See "**Finding a Phonebook Entry**" on page ??.)
Press ($\swarrow$) to call the number.

Speed dialing

To call a phonebook entry by pressing its speed dial no.

Action
Entering a 1,2, or 3 digit speed dial position number, then ($\boxed{\#}$) followed by ($\swarrow$).
Pressing the ($\boxed{\#}$) key before pressing ($\swarrow$) will show the view detail of the phonebook entry.

Action

Example: Press (2 ABC) (2 ABC) ($\#$) ($\searrow$) to dial
phonebook entry with speed number, 22.

Turbo dialing

To call phonebook entries with by one touch.

Action

To call phonebook entries with speed dial position number

1 through 9, press and hold numeric keys 1 to 9 for 1.0

seconds and number is dialed without pressing ($\searrow$)

key or ($\#$)+($\searrow$)key.

Example : Press (2 ABC) for 1.0 seconds to dial
phonebook entry with speed number, 2..

In addition, you can also call phonebook entries with
speed dial position number,10 through 99, by
pressing the 1st digit and pressing hold the 2nd
digit.

Example : Press (2 ABC) and hold (1) for 1.0
seconds to dial phonebook entry with speed
number, 21.

Editing a Phonebook Entry

Action

Retrieve the desired number. (See "**Finding a Phonebook Entry**" on page ??.)

Press ($\boxed{}$) and when the details are displayed, press ($\boxed{}$) again to begin editing.

Or, Press ($\bigcirc$) and scroll to **Edit** in the option menu list and press ($\boxed{}$) .

Modify the number, modify the name, type, speed no., email address, ringer id as desired. Editing each field is similar to adding new entry.

Press ($\boxed{}$) to save and exit.

Viewing My Number

You can see your phone number.

Action

Press ($\bigcirc$), scroll to **Phonebook** and press ($\boxed{}$). Scroll to **My Phone #** in the menu list and press ($\boxed{}$).

Press ($\boxed{}$) to exit. Or wait for time-out and exit automatically.

Checking Phonebook Capacity

You can see how much memory space remains for storing phonebook entries on your Phone.

Action

Press ($\bigcirc$), scroll to Phonebook and press($\boxed{}$). Scroll to **Phonebook Status** in the menu list and press($\boxed{}$).

Press ($\boxed{}$) to exit. Or wait for time-out and exit automatically.

Erasing All Entries

To erase all entries in your phonebook:

Action

Press (●), scroll to Phonebook and press (▽).
Scroll to **Erase Phonebook** in the menu list and
press (▽).

You see a prompt for the lock code. Enter the 4-digit lock
code you set up (Changing your lock code in page 110).
Press (▽)

If the lock code is correct, you select **Yes** by pressing
(▽) or **No** by pressing (▽) .

If the lock code is not correct, you see **Invalid Lock code**,
and you can enter again.

MESSAGING

SMS

You can send text messages and receive alphanumeric messages with your wireless phone.

Sending a Text Message

Find the Feature > Messaging >SMS > New message

Action
Enter the destination phone number and press ( ).
You can enter up to 10 destination numbers. After each phone number enter, press ( ) (**up or down**), then enter another number
If you Press( ) and select E-mail, you can use E-mail address instead of phone number.
Enter the message contents, and press( ).
Enter a call back number and press ( ).
(Your number is automatically entered as the call back number.)
Scroll to the desired priority level and press ( ).
Select ( ) (**Yes**) about question, Send Message Now?, then proceed to step 6 to send the message immediately. **Or** Select ( ) (**No**), then proceed to step 7 to select save or not. **Or** Select ( ) (**Menu**), then proceed to step 8 to set validity time or deliver time.

Action

The message is sending

- If the message is sent successfully, "**Message sent**" is displayed and the phone returns to the previous menu. The sent message is automatically stored in **Sent Folder**.

- If the message is not sent successfully, "**Retry**?" is displayed. Press (☐) or (☐) to select **Yes** or **No**. If the resend is not successful, the message is automatically stored in the **Outbox**.

Scroll to the save option and press (☐). If you save the message, the message is stored in the Draft folder.

Scroll to time setting and press (☐). Then you can set validity time or deliver and press (☐). You return to step 5.

Receiving a New Message

When you receive a message, your phone:	- Beep or vibrates
	- Displays the (✉) indicator
	- Displays **Message!**
	- Displays a call back number, if included
	if the received call back number matches the number of a phonebook entry, the name for that entry is displayed instead of the call back number.

If you press (☐) (**Back**) in the message dialog state, you return previous state.

Incoming messages are stored in the **Inbox**. The Inbox can store up to 20 messages.

Viewing Messages

Find the Feature ▤ > Messaging >SMS > Inbox (or Outbox or Sent Folder or Draft Folder)

Action
Press (🔵) (**up** or **down**) to scroll through the list of message headers.
To select a message and view its contents, press (▭).
Press (🔵) (**up** or **down**) to scroll through the message text. Press (◆) (**left** or **right**) to scroll through the list of message.

Your phone displays the message text, and you can see (▤). If you press (▤), you will see option list that depend on Box or Folder. In the message text display, you can:

Press	To
▤ **> Call**	Call [I, O, S, D]
▤ **> Reply**	Send message using callback number [I]
▤ **> Edit**	Edit message which is saved [D]
▤ **> Forward**	Send message with same text to someone [O,D]
▤ **> Resend**	Send failed message again [O,S]
▤ **> Store number**	Store callback number to phone book [I]
▤ **> Goto**	Access URL if the message text include URL [I]

Press	To
☰ > **Lock, Unlock**	Lock Message or Unlock Message [I,D]
☰ > **Erase**	Erase the message [I, O, S, D]
☰ > **Erase Box**	Erase the box or folder [I, O, S, D]

([I] **Inbox**, [O] **Outbox**, [S] **Sent Folder**, [D] **Draft Folder**)

Setting Up SMS

Find the Feature > Messaging >SMS > Setting

1 User can select overwrite option when inbox memory buffer is full, phone can overwrite or cannot receive.

2 Messaging alerting is selectable to once/repeat alert (every 2 minutes)/release.

3 If user selects **Erase All Folder**, All messages in the inbox, outbox, sent folder, and draft folder are deleted.

4 If you want to receive delivery acknowledge when you send SMS message, select "**Yes**".

5 If you want to receive user acknowledge when you send SMS message, select "**Yes**". (Flex Option)

WAP Alerts

You can receive a WAP message and see it.

Viewing WAP messages

Find the Feature ☰ > Messaging > WAP Alerts

Action

Press (🔘) (**up** or **down**) to scroll through the list of message headers.

Press **Erase** to erase the WAP message.

press Check(V) to connect a site.

VOICEMAIL

You can listen to your voice mail messages by calling your network voicemail phone number. Voicemail messages are stored on the network-not on your phone.

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays (🔲) (voice message waiting) and **New Voicemail** message**.**

If you press (🔄) in the voice mail dialog state, you can listen to voice message.

Listening to a Voicemail Message

Find the Feature 🔲 **>Message > Voice Mail > Call Voicemail**

You can view voice mail. If you press (🔄) , your phone dials the voice mail sever number. If you press(🔄) your phone dials the call back number of the voice mail.

Clearing Voicemail Icon

Find the Feature 🔲 **>Message > Voice Mail > Clear Icon**

You phone clear (🔲) (voice message waiting).

Storing Your Server Number

Find the Feature 🔲 **>Message > Voice Mail > Server Num**

You can change or view server number.

Press	To
Edit (🔄)	Start editing

Messaging

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Press	To
Keypad keys	Enter your server number
OK ($\square$)	Store the number

Quick dial

Calling Quick Dial

Find the Feature $\blacksquare$ **> Quick Dial**

You can press ($\blacksquare$) **> Quick Dial** to dial preset numbers on your phone. If there is no number, you can set your quick dial numbers.

Change Quick Dial

You can press **(** $\blacksquare$ **)** > **Quick Dial** > **(** $\blacksquare$ **)** to change quick dial numbers.

Delete Quick Dial

You can press ($\blacksquare$) > **Quick Dial** > **(** $\blacksquare$ **)** to delete quick dial numbers.

Office Tools

Datebook

General Description

The Datebook application is a calendar that allows the user to schedule and organize events such as appointments and meetings. The Datebook also is able to show when events exist in a view that shows an entire week. Due to limited space on the display, the view showing events during a week is targeted at showing how full each day's schedule is during that week and making it easier to navigate from day-to-day in the calendar.

Find the Feature ▤ > Office Tools > Datebook.

Press	To
◉	Scroll to the day.(⧖) (⧗)
VIEW (⧖)	view the day in Week View or the event in **Day View**
	view the event detail(an event including the day of week, time, title, duration, alarm time, and repeat cycle)
🕹 **up or down**	View the previous/next event detail
▤	Open the datebook menu to perform other procedures as described in the following list.

* Respond to event reminder : When an event reminder displays you can press **VIEW (⧖)** to view the event, or **EXIT (⧗)** to dismiss the reminder

The Datebook menu can include the following options:.

Option	Description
Go to Today	Brings up the Week View including today's date if in Week View. If in Day View or the Event Information View, brings up the Day View for today
New	Brings up a selection list
Edit	Brings up the Event Form with data associated with the selected event
Delete	Deletes selected event

Option	Description	
Setup	**Option**	**Description**
	Daily Begin	Determines the beginning time for the 12-hour time window shown in the Week View
	Delete After	The user can determine how long Datebook data is kept in the phone's memory. The default will be for events to be deleted that were listed on a date more than 4 weeks prior to today

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Alarm Clock

General Description

You can set your phone to alert you at a specific time such as an alarm clock. You can set your phone's alarm time.

Find the Feature   ☰ **> Office Tools > Alarm Clock.**

Press	To
◉	scroll to the alarm list
ENABLE (⌐) **DISABLE (⌐)**	enable or disable alarm
Snooze (⌐) **(It is available function when alarm ringing message show up.**	Specified the 90 minute rule for "Alarm-Snooze" cycle applies when there's no user Interaction.
☰	open the alarm clock menu to perform other procedures as described in the following list

alarm ringing time : 3 minutes

Respond to alarm : To stop ringing alarm, Press any key.

The **Alarm Clock** menu can include the following options:.

Option	Description
New	Brings up Alarm Clock form
Edit	Brings up the Alarm Form with data from selected alarm
Delete	Deletes entry
Delete All	Deletes all alarms in the Alarm Clock list

Calculator

General Description

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

The Calculator application allows the user to calculate simple mathematical equations. The user is able to add, subtract, multiply, divide, currency convert.

The following "buttons" will be available to the user:

Press	To
#	Inserts a decimal point
C	Clear All Digit
E	Clear one Digit
=	Calculates the answer
+	Adds
-	Subtracts
X	Multiplies
/	Divides
$	Currency Convert.
●	Currency Convert Menu
◁▷	Left/Right Scroll.

Access Calculator
Find the Feature

> Office Tool > down key > Calculator

```
📶 ▪                    🔋
                 Calculator
0
 S  C  E  =  +  -  x  /
   EXIT      ≡      SELECT
```
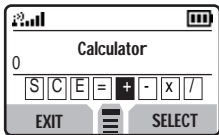
1 Upon entering the Calculator, the "+" symbol will be highlighted.
2 The line under the title "**Calculator**" will be the area to display numbers entered and the calculation.
3 The Calculator display always starts with a default value of zero.
4 A right arrow next to the calculation symbols indicates that additional items can be accessed by scrolling right.
5 A left arrow next to the calculation symbols indicates that additional items can be accessed by scrolling left.
6 SELECT is used to choose the current calculation symbol that is highlighted
7 The value entered may not exceed 8 digits and 2 decimal point.
   - Any digit entered after the eigth digit shall be ignored. -
   Any decimal points entered when one decimal point is already being displayed shall be ignored.
8 The largest valid number that can be expressed shall be "99999999". Any number larger than "99999999" shall be ignored.
9 The smallest valid number that can be expressed shall be "-99999999". Any number smaller than "-99999999" shall be ignored.

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Each digit entered using the keypad will be inserted at the left end of the line, causing preceding digits to shift one position to the right, unless only "0" is displayed.

If "0" is displayed, then the first digit entered will replace "0". "0" is only shifted to the right by one if "." is selected.

"." must always be preceded by a digit.

1. The result of digits entered and a command selected will be displayed in the **Display Window** (left justified).
2. The result of one calculation can be used with another command for a different calculation.
3. If another operation is pressed before any digits are entered, the most recent operation shall be ignored.
4. Example: The following was entered: 5, +, -, -, *. The error tone occurred.
5. **LEFT/RIGHT MOVE** allows the user to move around the calculator to highlight a desired calculation symbol.
6. SELECT chooses the highlighted calculation symbol.

Using the calculator (Addition, Subtraction, Multiplication, Division)
Entering value

shows an example of the user trying to find the sum of "1234+56789".

Number appears left justified in the Display Window. Highlight defaults to the "**Plus**" sign.

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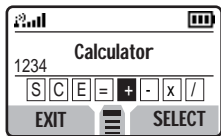
After input digit press left arrow, User moves highlight to "**equals**" sign to calculate digits.

```
📶           🔋
   Calculator
1234+5678
S C E = + - x /
EXIT    ☰    SELECT
```
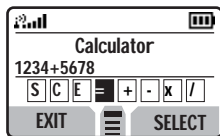
User continues with a new **calculation**.

```
📶           🔋
   Calculator
58023
S C E = + - x /
EXIT    ☰    SELECT
```
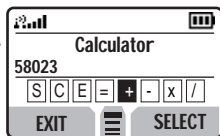
The example of maxium input cipher (The priority of the calculation is calculated in accordance with the sequence of data input. It's because it doesn't offer parenthesis). Other operations will be done in the same way

```
📶           🔋
123+456+79-234+23+1
234x567.8/25
S C E = + - x /
EXIT    ☰    SELECT
```

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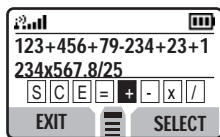
Currency Conversion

```
Exchange Rate:
        1.5000

DELETE        OK
```

Calculator -> Menu key -> Exchange Rate Select.

The Calculator Menu is accessible by pressing MENU from the calculator.

The exchange rate editor is identical to the currency number editor

- the value entered shall have up to five digits before the decimal.

- the value entered shall have up to four digits after the decimal.

- the value shall be followed by nothing.

Converting the displayed number

4 is currently displayed. Scroll to $.

Assume the exchange rate has been set to 1.5

```
📶          📶          🔋
        Calculator
6
  S C E = + - x /
EXIT      ☰      SELECT
```
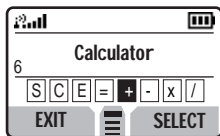
When the current converter symbol is selected, the displayed number shall be multiplied by the exchange rate.

World Time

General Description
User can view a world-time of the city to want.

Find the Feature ● **> Office Tools > World Time**

Press	To
◉ **Up(left) or Down (right)**	Scroll to the world-time list
EXIT (⬜)	End the world-time session and return to the office tools menu

The city which the summertime is applied is marked by the daylight icon (☀).

Stopwatch

General Description
The stopwatch application allows the user to count time.

Find the Feature ● **> Office Tools > Stopwatch**

Press	To
START (△)	Start the stopwatch
STOP (▽)	Stop the stopwatch
RST (▷)	Reset the stopwatch timer into 00:00:00
SPL (●)	Split the stopwatch timer
REL (◁)	Release the stopwatch timer
EXIT (⬜)	End the stopwatch session and return to the office tools menu.

Setting Up Your Phone

SOUNDS

VOLUME

RINGER VOLUME

You can adjust the volume of your phone's ringer.

Find the Feature   ▣ **> Settings > Sounds > Volume > Ringer Volume**

Press	To
⊕	Select the feature **RINGER VOLUME**
Select (📋 **)**	Save it

Silence All 🔔   **Ringer Off** ✕   **Vibrate** 🔔   **Low** 🔔

Medium 🔔   **High** 🔔   **High&Vib** 🔔   **Escalating** 🔔

- **Silence All**: When you receive a call, your phone ringing silence.

- **Ringer Off**: When you receive a call, your phone silence.

- **Ring 1~5** : When you receive a call, your phone adjust ringer volume level.

- **High & Vib** : When you receive a call, your phone is 3 vibreate after High volume level

- **Escalating**: When you receive a call, your phone ringer level changes from 1 to 5.

VOICE VOLUME

You can adjust your voice volume.

Find the Feature ● **> Settings > Sounds > Volume > Voice Volume**

Press	To
⊙	Adjust your voice volume.
Select (⬚)	Save it

KEY BEEP VOLUME
You can adjust your key beep volume.

Find the Feature ● **> Settings > Sounds > Volume > Key beep Volume**

Press	To
⊙	Adjust your key beep volume.
Select (⬚)	Save it

RINGER TYPE

PREDEFINED

After you choose a style, your phone will give you a brief
sample of your new alert sound.

Find the Feature ● **> Settings > Sounds > Ringer Type >
                        Predefined**

Press	To
🔊	To scroll the ringer styles.
	As you scroll, your phone will give an audible sample of the currently displayed style.
Select (🔲)	Save it
	To Select the displayed option -> Ring13(Default : Acoustica)

MY BELL

You can download up to 14 ringer tones over the network.

Find the Feature ● **> Settings > Sounds > Ringer Type >
                        MyBell**

Press	To
⊙	To scroll the ringer styles.
	As you scroll, your phone will give an audible sample of the currently displayed style
Select (🔲)	Save it
	To Select the displayed option -> My Bell 14

MY TONES

User to manage tones.

Find the Feature ⬤ > Settings > Sounds > Ringer Type > My Tones

Press	To
◉	To scroll the ringer styles. As you scroll, your phone will give an audible sample of the currently displayed style
Select (⌟)	Save it To Select the displayed option -> My Tones 10

ALERTS

SERVICE

When Service Tones are On, you will be instantly alerted to any change in your wireless service.

Find the Feature ⬤ > Settings > Sounds > Alerts > Service

Press	To
⬤ Up or down	Select "**ON"** or "**OFF"**
Select (⌟)	Save it

MINUTE BEEP
If the Minute Beep is set to on, an audible alerts when a minute was passed in call.

Find the Feature 🔘 **> Settings > Sounds > Alerts > Minute Beep**

Press	To
🔘 **Up or down**	Select "**ON**" or "**OFF"**
Select (📟)	Save it

VOICEMAIL
When you receive a new voice mail , your phone alert is repeat until user check this.

Find the Feature 🔘 **> Settings > Sounds > Alerts > Voice Mail**

Press	To
🔘 **Up or down**	Select 1beep~3beep
Select (📟)	Save it

MESSAGE
When you receive a new message, your phone alert is repeat until user check this.

Find the Feature 🔘 **> Settings > Sounds > Alerts > Message**

Press	To
🔘 **Up or down**	Select 1beep~3beep
Select (📟)	Save it

CALL LOST

If the Call Lost is set to on, an audible alerts when the current call is dropped because of signal fade.

Find the Feature ● **> Settings > Sounds > Alerts > Call Lost**

Press	To
⊙ **Up or down**	Select "**ON**" or "**OFF**"
Select (⬚)	Save it

DATEBOOK

Find the Feature ● **> Settings > Sounds > Alerts > Datebook**

Press	To
⊙ **Up or down**	To scroll the feature "Ring1~9" and "Vibration"
Select (⬚)	Save it

TONE LENGTH

Your phone transmits tones to communicate with automated systems like Voice Mail or bank by phone. These tones are called DTMF(Dual Tone Multi-Frequency) tones. This feature allows you to control the duration of the tone when a key is pressed. For most systems, you should use the default setting of short tones, which sends the tones for a preset length of time. If you choose long tones, your phone will transmit the tones for as long as you press and hold the key.

Find the Feature 🔵 **> Settings > Sounds > Tone Length**

Press	To
🔵 **Up or down**	Select one of the options Long, Short, None
Select (⬚)	Save it

Display

Adjusting the Backlight

You can set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power:

Find the Feature 🔵 **> Settings >Display > Baklight Control**

Press	To
🔵 **Up or down**	Select one of the options (Continuous, Always off, 8Seconds, 15Seconds)
Select (⬚)	Confirm your selection
Back (◁)	Return to the previous menu

Adjusting Display Contrast

Contrast control will give the ability to fine tune the contrast of
the display. Adjusting the "Contrast" setting follows the standard
meter settings. Three bars on the contrast meter is the default
factory contrast setting.

Find the Feature ⊜ > Settings >Display > Contrast

Press	To
⊙ **Up(right) or down(left)**	Adjust contrast Level 1~6
Select (▭)	Confirm your selection
Exit (▱)	Return to the previous menu

Selecting a Screensaver Timer

You can set a picture or an animation as a screen saver
image. The image displays when the phone detects no
activity for a specified time. The screen saver image is
shrunk to fill the display, if necessary. An animation repeats
for 5 times, then the first frame of the animation displays.

Find the Feature

⊜ > Settings >Display > Screensaver Timer

Press	To
⊙ **Up or down**	Select one of the options (None, 1minute, 2minute, 5minute, 10minute)
Select (▭)	Confirm your selection
Back (▱)	Return to the previous menu

Office Tools

Personalizing the phone Greetings

You can set greeting to be displayed when your phone is turned on.

Find the Feature

● **> Settings >Display > Greeting**

Press	To
Edit (🔲) **or Keypad keys**	Begin editing an exiting greeting or enter the new greeting
OK (🔲)	Save the new/modified greeting
Back (◁)	Return to the previous menu

Personalizing Banner

You can set Banner to be displayed when your phone is turned on.

Find the Feature ● **> Settings >Display > Banner**

Press	To
Edit (🔲) **or Keypad keys**	Begin editing an exiting banner or enter the new banner
OK (🔲)	Save the new/modified banner
Back (◁)	Return to the previous menu

Time and Date
Adjusting Time Format

You can change the value of the Format field. Available values are shown using a fixed format time.

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Find the Feature ● **> Settings >Display > Time and Date > Time Format**

Press	To
◎ **Up or down**	Select to : 12hrs AM/PM, 24hrs
Select(⬚)	Confirm your selection
Back (⬚)	Return to the previous menu

Adjusting Date Format

You can change the value of the Format field. Available values are shown using a fixed format date.

Find the Feature ● **> Settings >Display > Time and Date > Date Format**

Press	To
◎ **Up or down**	Select to : DD/MM/YY, MM/DD/YY
Select(⬚)	Confirm your selection
Back (⬚)	Return to the previous menu

Adjusting Date Format

You can select the color palette that your phone uses to display indicates, highlights, and softkey labels.

Find the Feature ● **> Settings >Display > Color Style**

Press	To
◎ **Up or down**	Select to : Pacific, Mandarin, Evergreen, Autumn, Dusk, Gray
Select(⬚)	Confirm your selection
Back (⬚)	Return to the previous menu

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Security

Unlocking Your Phone

At the Enter Lock Code prompt:

Find the Feature 🔘 **> Settings >Security**

Press	To
Keypad keys	Enter your 4-digit unlock code. The unlock code is originally set to 1234.
OK (⬜)	Unlock your phone
CANCEL (⬜)	Return to the previous menu

Note: The unlock code is originally set to 1234 by Motorola. Your cellular phone provider may have changed the lock code to the last four digits of your phone number or for a specifie 4-digit code. In this case please contact your cellular phone operator to get the correct unlock code.

Locking and Unlocking Your Phone

You can lock or unlock your phone manually, or set your phone to lock whenever you turn it off. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer. To use a locked phone, enter the unlock code. You can make emergency calls on your phone even when it is locked.

Locking Your Phone Manually

Find the Feature 🔘 **> Settings > Security > Enter Ulock Code >**
Lock Phone> Lock Now

Press	To
SELECT (⬜)	Confirm your selection and then lock the phone
BACK (⬜)	Return to the previous menu

Unlocking Your Phone

Press	To
Keypad Keys	Enter your 4-digit unlock code. The unlock code is origially set to 1234.
OK (◯)	Unlock your phone

Setting Your Phone to Lock Automatically
You can set your phone to lock every time you turn it off.

Find the Feature ● > Settings > Security > Enter Ulock Code > Lock Phone

Press	To
◉ Up or down	Select to : Lock on Power-up or Unlock (Unlock on Power-up)
SELECT (◯)	Confirm your selection
BACK (◻)	Return to the previous menu

Office Tools

Changing Your Phone's Code
Your phone's 4-digit unlock code is originally set to 1234. Your service provider may reset these numbers before you receive your phone. If your service provider has not reset these numbers, we recommend that you change them to prevent others from accessing your personal information or modifying your phone settings. The unlock code must contain 4 digits. To change a code or password:

Find the Feature ● > Settings > Security > Enter Unlock Code >Change Lock Code

Press	To
Keypad keys	Enter your 4-digit new lock code .

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Press	To
OK (〰)	To confirm new lock code, Try again!
Keypad keys	Re-enter 4-digit new lock code
OK (〰)	Change the lock code
Cencel (⬜)	Return to the previous menu
	(change DELETE if you input digit)

Restricting Calls

You can restrict outgoing calls by setting different phone service levels.

Level 1 : The following functions are restricted:

  • dialing with the keypad

  • calling from the phone book or from call logs

  • saving a new number in the phone book

  • viewing the last call list while the phone is idle

Level 4 : Release call restrictions imposed **BY LEVEL 1**

Find the Feature

● **> Settings > Security > Enter Unlock Code >Call Restriction**

Press	To
🔘 **up** or **down**	Scroll to : Level 1 or Level 4
SELECT (〰)	Confirm your selection
BACK (⬜)	Return to the previous menu

Office Tools

Limit Use

Lock Application

Locking Call History

You can lock or unlock call history.

Find the Feature

● **> Settings > Security > Enter Unlock Code >Limit Use > Lock Application > Call History**

Press	To
● up or down	Scroll to Lock or Unlock
SELECT (⬚)	Confirm your selection
BACK (⬚)	Return to the previous menu

Locking Phone Book

You can lock, unlock and view only phone book.

Find the Feature

● **> Settings > Security > Enter Unlock Code >Limit Use > Lock Application > Phone Book**

Press	To
● up or down	Scroll to:
	Lock
	Unlock
	View Only

Press	To
SELECT (⬚)	Confirm your selection
BACK (⬚)	Return to the previous menu

Locking Messaging

You can lock or unlock messaging.

Find the Feature

 > Settings > Security >Enter Unlock Code > Limit Use > Lock Application > Messaging

Press	To
up or **down**	Scroll to Lock or Unlock
SELECT (⬚)	Confirm your selection
BACK (⬚)	Return to the previous menu

Locking Datebook

You can lock or unlock datebook.

Find the Feature

 > Settings > Security > Enter Unlock Code > Limit Use > Lock Application > Datebook

Press	To
up or **down**	Scroll to Lock or Unlock
SELECT (⬚)	Confirm your selection

Press	To
BACK ($\boxed{\cdot\!\!\!/}$)	Return to the previous menu

Special Numbers

If you don't want to use the special number , you can limit the number manually.

Find the Feature

$\bigoplus$ **> Settings > Security >Enter Unlock Code > Limit Use >**
Special Numbers

Press	To
$\textcircled{\small \bullet\!\!\bullet}$ **up** or **down**	Scroll to :
	Special #1
	Special #2
	Special #3
SELECT ($\boxed{\cdot\!\!\!\!\searrow}$)	Select the menu feature
EDIT ($\boxed{\searrow\!\!\!\cdot}$)	Edit the number
Keypad keys	Enter your special number
SELECT ($\boxed{\searrow\!\!\!\cdot}$)	Store the number
EXIT ($\boxed{\cdot\!\!\!/}$)	Return to the previous menu.

Master Reset

You can use Master Reset to reset all options to their original factory settings.

Find the Feature

$\bigoplus$ **> Settings > Security > Enter Unlock Code >Master Reset**

Press	To
$\textcircled{\small \bullet\!\!\bullet}$ **up** or **down**	Scroll to **YES** or **NO**

Press	To
YES ($\boxed{\cdot}$)	Confirm your selection
NO ($\boxed{\cdot}$)	Return to the previous menu

Master Clear

You can use Master Clear to clear all settings and entries that you have made(except for life timer). It also resets all settings to the factory default.

Caution: Master Clear **erases all user-entered information** stored in your phone's memory, including phonebook and messaging entries. Once you erase the information, it cannot be recovered.

Find the Feature

 $\bullet$ **> Settings > Security > Enter Unlock Code >Master Cleart**

Press	To
$\bullet$ **up** or **down**	Scroll to **YES** or **NO**
YES ($\boxed{\cdot}$)	Confirm your selection
NO ($\boxed{\cdot}$)	Return to the previous menu

System

System Select

You can select your phone's system according to
the system channel.

Find the Feature ● **> Settings > System > Active Line**

Press	To
up or down	Scroll to: **Automatic** **CDMA only** **Analog only** **(phone will not operate outside its home system)**
SELECT (⌧ **)**	Confirm your selection
BACK(⌧ **)**	Return to the previous menu

Selecting Active Line

You can select your phone number by selecting the
activated NAM.

Find the Feature ● **> Settings > System > Active Line**

Press	To
up or down	Scroll to: **NAM1** **NAM2**
SELECT (⌧ **)**	Confirm your selection
EXIT (⌧ **)**	Return to the previous menu

Voice Privacy

Your phone can attempt to send your calls using a high-security connection to prevent others from intercepting them.

Find the Feature 🔘 **> Settings > System > Voice Privacy**

Press	To
🔘 **up** or **down**	Scroll to **On** or **Off**
SELECT (\□)	Confirm your selection
BACK (□)	Return to the previous menu

Network

Selecting Set mode
You can select your phone system acccording to the preferred system.

Find the Feature ● **> Settings > Network > Set mode**

Press	To
(⚫) **up** or **down**	Scroll to: **STANDARD** **SCAN A** **SCAN B** **HOME ONLY**
SELECT (▭)	Confirm your selection
EXIT (▭)	Return to the previous menu

Display Current Network
You can visuallze the SID and NID in which you are currently registered.

Find the Feature ● **> Settings > Network > Current Network**

Press (▭) you can find it.

Setting Up Your Phone

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Others

Setting the Language

You can set the language of the prompts and messages that your phone displays.

Find the Feature

 > Settings > Others > Language

Press	To
up or **down**	Scroll to: **English, Spanish, Portuguese**
	Select one of the available languages.
SELECT ( )	Confirm your selection
EXIT ( )	Return to the previous menu

Setting Answer Options

You can use different methods to answer an incoming call.

Selecting Any key Answer

With Any Key Answer On, you can answer calls by pressing

any key on the keypad except for the **END** ( ) key.

Find the Feature

 > Settings > Others > Answer Options >Anykey Answer

Press	To
up or **down**	Scroll to **On** or **Off**
SELECT ( )	Confirm your selection
EXIT ( )	Return to the previous menu

Setting Auto Answer

Set Auto Answer **ON** to make your phone automatically answer incoming calls. It is recommended that you use this feature only with vehicle hands free accessories or a headset, otherwise, your phone can answer calls in your absence.

Find the Feature

 ● **> Settings > Others > Answer Options >Auto Answer**

Press	To
●● **up** or **down**	Scroll to **On** or **Off**
SELECT (▭)	Confirm your selection
EXIT (▭)	Return to the previous menu

Using Automatic Redial

When placing calls, you may hear a fast busy signal. This probably means the network is temporarily busy. If you turn Auto Redial ON, your phone will redial for the next four times.

Find the Feature

 ● **> Settings > Others > Auto Redial**

Press	To
●● **up** or **down**	Scroll to **On** or **Off**
SELECT (▭)	Confirm your selection
Back (▭)	Return to the previous menu

Using Call Waiting

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

Set up call waiting

Find the Feature

● **> Settings > Others > Call Waiting**

Press	To
🎛 **up** or **down**	Scroll to **On**
SELECT (\⎯)	Access call wait
Back (⎯/)	Return to the previous menu

Note: Call waiting is not available while the phone is roaming.

Cancel call waiting

Press	To
🎛 **up** or **down**	Scroll to **Off**
SELECT (\⎯)	Access call wait
Back (⎯/)	Return to the previous menu

Forwarding a Call

Call forward sends your phone's incoming calls directly to another phone number.

- **Disabled** : Disabled forward calls
- **Unconditional** : Forward all calls.
- **If No Answer** : forward calls if your phone has no answer.
- **If Busy** : Forward calls if your phone is busy.

Set up Call Forwarding

Find the Feature ☰ > Settings > Others > Call Forward

Press	To
🔘 **up** or **down**	Scroll to:
	Unconditional
	or
	If No Answer
	If Busy
SELECT (⟍⟋)	Go to the entry area
Keypad Keys	Enter the forwarding phone number
Done (⟍⟋)	Store the number
	And then access call forwarding to a phone
Back (⟍⟋)	Return to the previous menu

Note: Call forwarding is not available while the phone is roaming

Cancel Call Forwarding

Press	To
🔘 **up** or **down**	Scroll to: **Disabled**
SELECT (⟍⟋)	Access call forwarding to a phone
Back (⟍⟋)	Return to the previous menu

Call Forward to Voicemail

Call forward sends your phone's incoming calls directly to Voice mail.

- **Disabled** : Disabled forward calls
- **Unconditional** : Forward all calls.
- **If No Answer** : Forward calls if your phone has no answer.

If Busy : Forward calls if your phone is busy.

Set up Call Forwarding to Voicemail

Find the Feature ● **> Settings > Others > Call Forward** Vmail

Press	To
● **up** or **down**	Scroll to:
	Unconditional
	or
	If No Answer
	If Busy
SELECT (`\_`)	Go to the entry area
Keypad Keys	Enter the forwarding phone number
Done (`\_`)	Store the number
	And then access call forwarding to voicemail
Back (`◻`)	Return to the previous menu

Note: Call forwarding is not available while the phone is roaming

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Setting Auto Hyphen

You can set hyphen(-) automatically.

Find the Feature

 > Settings > Others > Auto Hyphenl

Press	To
up or **down**	Scroll to **On** or **Off**
SELECT ( )	Confirm your selection
BACK( )	Return to the previous menu

PHONE INFO

Viewing Your Phone Number
You can view your phone number. Service personnel may ask you for this information if you require technical assistance

Find the Feature

● **> Settings > Phone Info > My Phone Number**

Press (⬚) to view the phone number..

Viewing Version
Display your phone's software version
You can view the version of software used by your phone. Service personnel may ask you for this information if you require technical assistance.

Find the Feature

● **> Settings > Phone Info > Version > Software**

Press (⬚) to view the software version.

Display your phone's Hardware version
You can view the version of hardware used by your phone. Service personnel may ask you for this information if you require technical assistance.

Find the Feature

● **> Settings > Phone Info > Version > hardware**

Press (⬚) to view the hardware version.

Display your phone's PRL version
You can view your phone's PRL version . Service personnel may ask you for this information if you require technical assistance.

Find the Feature
⬛ > Settings > Phone Info > Version > PRL

Press (📱) to view PRL Version.

Display your phone's ESN Number
You can view your phone's **ESN** number. Service personnel may ask you for this information if you require technical assistance.

Find the Feature ⬛
> Settings > Phone Info > ESN number > PRL

Press (📱) to view ESN number.

MORE

Link1~6

Service Provider will add embedded web links in the **MORE** menu.

Up to 6 links can be added thru **FLEX** file

User can open the web browser and access the link by selecting Link1~Link6 from the menu.

Specific Absorption Rate Data

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S.

Government and by the Canadian regulatory authorities.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The
SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.

1 Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada.

The highest SAR value for this model phone when tested for use at the ear is 1.37 W/kg, and when worn on the body, as described in this user guide, is 0.50 W/kg. (Body-worn measurements differ among

phone models, depending upon available accessories and regulatory requirements).2

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

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

http://phonefacts.net
or the Canadian Wireless Telecommunications Association (CWTA) Web site:

http://www.cwta.ca

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue.
The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Product Registration

Online Product Registration:

`http://www.motorola.com/warranty`

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Additional Health and Safety Information

Consumer Information on Wireless Phones from the FDA

The U.S. Food and Drug Administration (FDA) provides consumer information on wireless phones at:

http://www.fda.gov/cellphones/qa.html
Following are safety-related questions and answers discussed at this web site.

Do wireless phones pose a health hazard?
The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used.

They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

Setting Up Your

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

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

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

• Support needed research into possible biological effects of RF of the type emitted by wireless phones;

• Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

• Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

  FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

• National Institute for Occupational Safety and Health

• Environmental Protection Agency

• Federal Communications Commission

• Occupational Safety and Health Administration

• National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance.

For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones.

Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictlyprecautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort.

These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are

required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe thataccessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

Motorola Limited Warranty for the United States and Canada
What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories asdefined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels,PhoneWrapTM, covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date purchase by the first consumer purchaser of the product.
Product that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones** 1-800-331-6456
	Pagers 1-800-548-9954
	Two-Way Radios
	and Messaging Devices 1-800-353-2729
Canada	**All Products** 1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of

sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?
ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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4. **Charges**. Please consult your rate plan and agreement with your service provider to determine if the Service is included in your rate plan, or if other charges may apply.

5. **Termination**. Should you breach this Agreement, your right to use the Software and the Service shall terminate immediately and without notice. You may also terminate this Agreement by simply discontinuing use of the Software and the Service.
    In the event of any termination of this Agreement, the restrictions on your use of the Software and Service as set forth in Paragraph 2 ("Restrictions on Use") shall survive such termination, and you agree to be bound by those terms.

6. **No Support by AOL**. You understand that you use the Software and the Service at your own risk and provides no assistance or support for your use of the Software or the Service.

7. **Disclaimer of Warranty**. THE SOFTWARE AND THE SERVICE ARE PROVIDED "AS IS," WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES THAT THE SOFTWARE AND THE SERVICE ARE (A) FREE OF DEFECTS OR ERRORS, (B) VIRUS FREE, (C) ABLE TO MEET ANY REQUIREMENTS OF YOU OR ANYONE ELSE, (D) ABLE TO OPERATE ON AN UNINTERRUPTED BASIS, (E) MERCHANTABLE, (F) FIT FOR A PARTICULAR PURPOSE OR (G) NON-INFRINGING, UNLESS SUCH WARRANTIES ARE LEGALLY INCAPABLE OF EXCLUSION. AOL SHALL HAVE NO LIABILITY WITH RESPECT TO USE OF THE SOFTWARE OR THE SERVICE.

8. **Limitation of Liability.** NEITHER AOL, ITS EMPLOYEES, DISTRIBUTORS, SUPPLIERS, DIRECTORS, NOR AGENTS SHALL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR EXEMPLARY DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS AND LOST DATA, IN ANY WAY ARISINGOUT OF OR RELATING TO THIS AGREEMENT, EVEN IN THE EVENT SUCH PARTY HAS BEEN ADVISED AS TO THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES OR

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