INSTRUCTION MANUAL

- A preliminary draft copy of the User's Manual follows this cover page.
- The User's Manual will have the following text added to it:

"NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

. Reorient or relocate the receiving antenna.

. Increase the separation between the equipment and receiver.

. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

. Consult the dealer or an experienced radio/TV technician for help."

MOTOMANUAL

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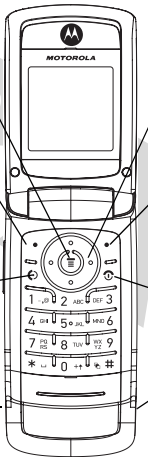
W220

GSM 900/1800

motorola.com

HELLOMOTO

Introducing your new Motorola W220 GSM wireless phone. Here's a quick anatomy lesson.



Menu Key
Opens a sub-menu when appears on the display, or selects a highlighted feature.

Left Soft Key
Performs functions in lower left display.

Volume Key

Send/Answer Key
Make and answer calls. Press when idle to see the list of recently dialed calls.

Power Connector
Insert charger.

Navigation Key
Press to scroll through menus and lists.

Right Soft Key
Performs functions in lower right display.

Power/End Key
Turns phone on/off, ends calls, exits menus.

Headset Jack

Note: Your phone may not appear exactly as the phone image above.

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Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Manual Number: 68XXXXX149-O

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contents

menu map 5
Use and Care 7
essentials 8
about this guide 8
SIM card 9
battery 9
battery tips 10
turn it on & off 11
make a call 12
answer a call. 12
adjust the volume. . . . 12
view your phone number 12
main attractions 13
use the FM radio 13
send a multimedia message. 16
receive a multimedia message. 16
basics. 18
display 18
menus 23
text entry 25
navigation key. 31
codes & passwords . . 32
lock & unlock your phone 32
customize 34
ring style. 34
time & date. 34
wallpaper 35
display appearance . . . 35
answer options. 36
calls 37
turn off a call alert 37
recent calls 37
redial. 38
return a call. 38
notepad 38
hold a call 39
call waiting 39
caller ID 39
emergency calls 40
international calls 40
1-touch dial 40
voicemail. 41
other features 43
advanced calling 43
phonebook 45
chat 47

DRAFT

personalizing 47
phone alerts 50
miscellaneous 51
call times and costs . . 52
handsfree 52
network 53
security 55
games 56
service and repairs 58
Specific Absorption Rate Data 59
European Union Directives Conformance Statement 61
index. 62

DRAFT

menu map

main menu

Phonebook

Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Erase All
- Call Time*
- Call Cost*
- GPRS Data Counter*
- GPRS Connection Time*

Messages
- Create Message
- Message Inbox
- Outbox
- Drafts
- Voicemail*
- Browser Msgs*
- Quick Notes
- MMS Templates

Tools
- Calculator
- Calendar
- Shortcuts
- Chat*
- SIM Toolkit *
- Lantern

Game

WebAccess
- Browser
- Web Shortcuts
- Go to URL
- History
- Web Sessions
- Web Settings

Multimedia
- Pictures
- Sounds
- FM Radio

Alarm Clock

Settings
- (see next page)

* network or subscription dependent features

This is the standard main menu layout. Your phone's menu may be a little different.

settings menu

Personalize
- Home Screen
- Color Style
- Wallpaper
- Quick Dial

Ring Styles
- Style
- (Style) Detail

Call Forward*
- When Busy
- No Reply
- Not Reachable
- Not Available
- All Calls
- Cancel All

In-Call Setup
- Dialing Prefix*
- In-Call Timer
- Call Cost Setup
- Show Number
- Call Waiting*
- Anykey Answer
- Open to Answer
- Session Information
- Auto Redial

Headset & Car Setting
- Auto Answer

Initial Setup
- Time and Date
- Backlight
- Language
- Contrast
- Input Mode
- Connection Indication
- Status Indicator
- Master Reset
- Master Clear

Auto Power Off

Phone Status
- My Tel. Number
- Active Line*
- Battery Meter

Security
- Phone Lock
- Lock Application
- Fixed Dial*
- Call Barring*
- SIM PIN
- New Passwords

Network
- New Network
- Network Setup
- Available Networks
- Service Tone

Lantern
- 30 seconds
- 1 Minute
- 2 Minutes

* network or subscription dependent features

This is the standard settings menu layout. Your phone's menu may be a little different.

Use and Care

To care for your Motorola phone, please keep it away from:

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.

extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.

microwaves

Don't try to dry your phone in a microwave oven.

dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.

cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

the ground

Don't drop your phone.

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

about this guide

This guide shows how to locate a menu feature as follows:

Find it: Press ☰ > **Recent Calls** > **Dialed Calls**

This example shows that, from the home screen, you press ☰ to open the menu, highlight and select **Recent Calls**, and then highlight and select **Dialed Calls**.

Press ⊹ to scroll to and highlight a menu feature. Press SELECT or ☰ to select the highlighted menu feature.

symbols	
	This means a feature is network, SIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.
	This means a feature requires an optional accessory.

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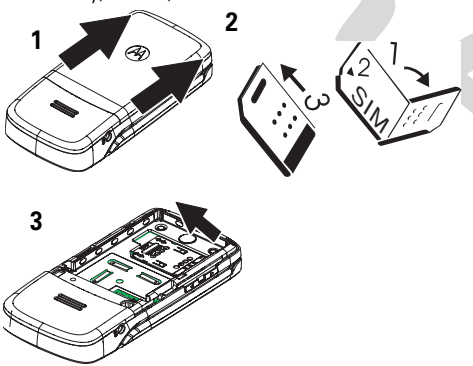
SIM card

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

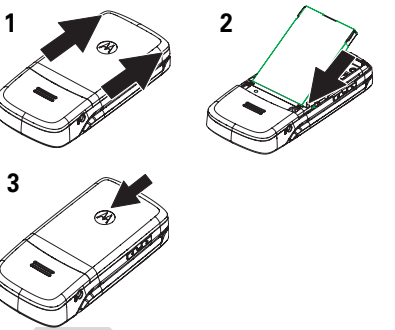
install your SIM card

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



battery

battery installation



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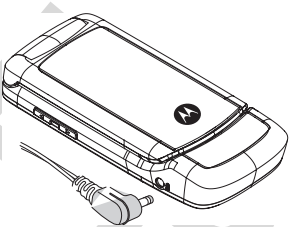
battery charging



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

Plug the travel charger into your phone and an electrical outlet. The battery status indicator is lit during charging and goes off when charging is complete.

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

battery tips

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

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark place.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your

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phone with you when you leave your vehicle.

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

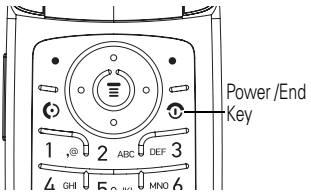
Contact your local recycling center for proper battery disposal.

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

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

turn it on & off

Press and hold ⏻ to turn on the phone. If prompted, enter your SIM card PIN code and press **OK** to unlock the SIM card.



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

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

Note: The phone unlock code can be 4 to 8 digits long. The default unlock code is 1234 (default code may be different in some regions – contact your service provider).

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make a call

Enter a phone number and press ⏻ to make a call.

To end the call, press ⏻ or close the phone.

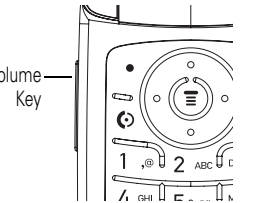
answer a call

When your phone rings and/or vibrates, just press ⏻ to answer.

To end the call, press ⏻ or close the phone.

adjust the volume

Press the volume keys to:



- turn off an incoming call alert (press up or down)
- increase and decrease the earpiece volume
- change the ringer volume from the home screen
- change the FM Radio volume

view your phone number

Press ☰ > **Settings** > **Phone Status** > **My Tel. Number**.

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main attractions

You can do much more with your phone than make and receive calls!

use the FM radio

You can listen to and program up to nine of your favorite FM radio stations.

turn on the FM radio

Find it: Press ☰ > **Multimedia** > **FM radio**

The FM radio will automatically tune in the lowest available frequency when you use it for the first time. After that, it will tune in the frequency last used. Press ·ȯ· up and down or use the side volume key to increase or decrease the volume.

Press **MUTE** to make the output volume silent.

Note: The earpiece must be inserted into the phone for the FM radio to function. If you try to turn it on without inserting the earpiece, your phone will display **Please Insert The Earpiece**.

Note: The headset also acts as an antenna, so the FM Radio receiver performance is

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dependent on the type of headset device connected. If a non-Motorola 3.5 mm headset is connected to the phone through the adapter (2.5 - 3.5 mm), or the headset is curled up or kinked, performance may be affected.

tune the FM radio

1 Press ☰ > **Multimedia** and scroll to FM radio.

2 Press ·◌· left or right to increase or decrease the frequency. Each keypress will increase or decrease the frequency by 0.1 MHz.

3 Press and hold ·◌· left or right to activate the scanning feature. The FM radio will scan to the next usable frequency. You can continue scanning by pressing ·◌· again. Press **SELECT** > **Save Channel** to save the channel.

use the radio presets

You can store up to nine preset radio stations.

set the radio presets

1 Tune in the desired frequency by pressing ·◌· left or right.

2 Press and hold 1 - 9 to save that number as the preset.

select a radio preset

Press 1 - 9 to select the corresponding radio preset.

FM radio selection

You can manually set the radio frequency and display or edit the frequency list.

display the FM radio selection

Press ☰ to display FM radio selection.

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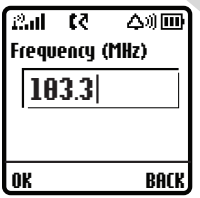
There are five items in the "FM Radio Selection": **Save Channel**, **Set Frequency**, **Channel List**, **Speaker On**, and **FM Radio Off**.

set frequency



1 Press ☰ and scroll to **Set Frequency**. Press **SELECT.**

2 Use the number keys to enter the desired frequency. Press # to enter a decimal point.

3 Press **OK**.

display or edit the channel list

1 Press ☰ and scroll to **Channel List.** Press **SELECT**.

2 Press the keypad keys to select the desired channel or press ·Ö· to scroll to the desired channel, then press **EDIT.**

3 Use the number keys to enter the **Channel Name** and **Frequency**.

4 Press **SAVE**.

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play FM radio through speaker or headset

Press ☰ and scroll to **Speaker On**, then press **SELECT**. To play the FM Radio through the headset, press ☰ and scroll to **Headset On**, then press **SELECT**.

Note: The headset must be inserted into the phone for the FM radio to play through the Speaker.

turn off FM radio

1 Press ☰ and scroll to **FM Radio Off**.

2 Press **SELECT**.

send a multimedia message

A *Multimedia Messaging Service* (MMS) message contains one or more pages with text and embedded media objects (pictures or sounds). You can send the multimedia message to other wireless phones with MMS.

Find it: Press ☰ > **Messages** > **Create Message** > **New Multimedia Msg**

1 Press 1 - 0 to enter text message.

2 Press **OPTIONS** to open the **MMS Menu**.

3 Press **SEND** to send multimedia message.

receive a multimedia message

When you receive a multimedia message, your phone displays the ✉ indicator and **New Message**, and sounds an alert.

Press **VIEW** to open the message.

Multimedia messages that you receive can contain different media objects:

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- Photos and animations are displayed as you read the message.
- A sound file or video clip begins playing when its page is displayed.

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

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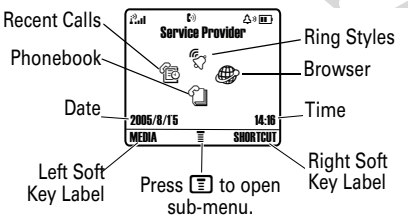
See page 1 for a basic phone diagram.

display

The home screen displays when you turn on the phone or when you are on a call. You must be in the home screen to dial a phone number.



Press the navigation key left, right, up, or down to select one of the menu feature icons.

If you select a menu icon by mistake, press to return to the home screen.

Note: Your home screen may look different from the display shown in the previous illustration. For example, your service provider may hide the menu icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 47.

When the is displayed, you can press to enter the sub-menu.

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

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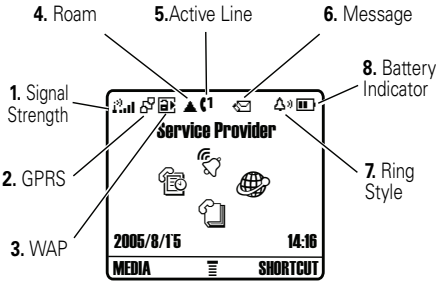
Your phone can display the time and date in the home screen. For time & date setup, see page 47.

status indicators

Status indicators may be shown at the top of the home screen:



1 **Signal Strength Indicator –** Vertical bars show the strength of the network connection.

You can't make or receive calls when is displayed.

2 **GPRS Indicator –** GPRS-net connected and GPRS packet message can be sent.

3 **Data Transmission Indicator –** Via network (phone-to-computer data transfer is not supported).

4 **Roam Indicator –** Appears when your phone uses another network system outside your home network.

5 **Active Line Indicator –** Shows to indicate an active call.

= line 1 active = line 2 active

6 **Message Indicator –** Shows when you receive a new message, or when

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message memory is full. Indicators can include:

= new text message

= new multimedia message

= voicemail message

= active chat session

7 Ring Style Indicator – Shows the ring style setting.

= Loud

= Vibe & Ring

= Soft

= Silent

= Vibrating

8 Battery Indicator – Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

The following table describes other indicators your phone can display:

alert/indicator
GPRS service Shows when the GPRS-net is connected and GPRS packet messages can be sent.
using GPRS Shows when GPRS PDP is connected or loading.
uncoded web Indicates an Uncoded Web server connection is present.
holding web Indicates a Holding Web server connection is present.

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alert/indicator
coded web Indicates a Coded Web server connection is present.
roaming Indicates roaming on other networks is enabled.
call forward Indicates that Call forward is enabled and all unanswered calls will be forwarded.
holding call Indicates the current call is on hold.

alert/indicator
silent mode Indicates Silent mode is enabled.
alarm on Shows when an alarm has been set.
web server transferring Indicates Web Server is receiving & sending messages.

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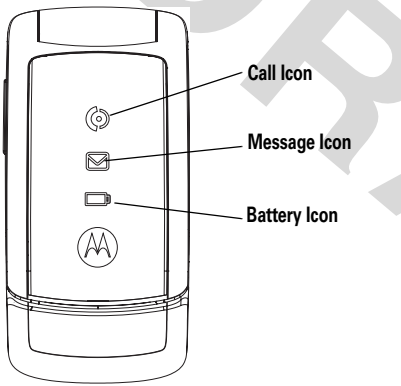
status icons

The status icons show the status of incoming calls, messages, and the battery.



alert/icon
call icon Icon rapidly flashes green for incoming calls from a known caller, and slowly flashes green for 30 minutes when there is a missed call from a known caller. Icon rapidly flashes orange for incoming calls from an unknown caller, and slowly flashes orange for 30 minutes when there is a missed call from an unknown caller.
message icon Icon flashes blue for 30 minutes when there is a new text or voice message.
battery icon Icon flashes orange when the battery power is low, and is continually lit when the battery is charging.

Note: You can turn off the status icons. Press > Settings > Initial Setup > Status Indicator > Off

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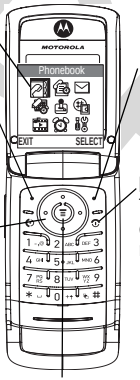
menus

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



Note: The menu icons shown above may not be available depending on your service provider and service subscription options.

Press ·ọ· to scroll to and highlight a menu feature icon in the main menu.

icon	feature	icon	feature
	Phonebook		WebAccess
	Recent Calls		Multimedia
	Messages		Alarm Clock
	Tools		Settings
	Games		

select a menu feature

The following example shows how to select a menu feature, starting from the home screen:

Find it: Press ☰ > **Recent Calls** > **Dialed Calls**

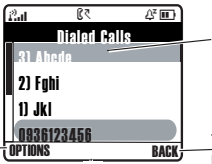
This example shows that from the home screen, you must press ☰, scroll to and select **Recent Calls** from the main menu, then scroll to and select **Dialed Calls**. Press ·ọ· to scroll, and use the left or right soft keys to

DRAFT

select the functions displayed in the bottom corners of the display.

select a feature option

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



Press ·Ô· up or down to highlight the option you want.

- In a numbered list, press a number key to highlight the option.
- When an option has a list of possible values, press ·Ô· left or right to scroll through and select a value.
- When an option has a list of possible numeric values, press a number key to set the value.

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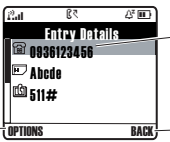
text entry

Here are some examples of text entry in your phone. You can use different text entry modes.

You can make changes to **Phonebook** entries in terms of contact name, contact number, and speed dial number..



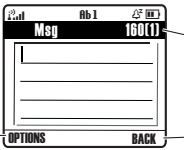
Highlighted Option

Press **OPTIONS** to open submenu.

Press **BACK** to exit without making changes.

Press ⊟ to change the information.

You can create a new message by entering text in the message center. The *character counter* indicates how many more characters will fit in the message.



Character Counter

Press **OPTIONS** to to open submenu.

Press **BACK** to return to the previous screen.

Press ⊟ to insert a **Quick Note**, **Picture**, **Animation** or **Sound.**

text entry mode

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

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entry modes	
🕮 or 1	Your **Primary** text entry mode can be set to any iTAP 🕮 or TAP 1 mode.
🕮 or 2	Your **Secondary** text entry mode can be set to any iTAP 🕮 or TAP 2 mode, or set to **Disable** if you don't want a secondary entry mode.
123	**Numeric** mode enters numbers only.

set up a text entry mode

To set your **Primary** and **Secondary** text entry modes, press **OPTIONS** > **Input Setup** in a text entry view and select **Primary Setup** or **Secondary Setup**.

TAP English	Enter letters and numbers by pressing a key one or more times (see page 27).
iTAP English	Lets the phone predict each word as you press keys (see page 29).

capitalization

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

ab = no capital letters

AB = all capital letters

Ab = capitalize next letter only

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text entry indicators

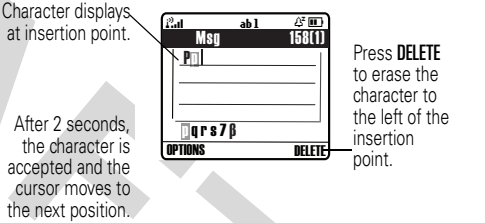
When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

primary	secondary	
1	2	TAP, no capital letters
1⇧	2⇧	TAP, capitalize next letter only
1⬆	2⬆	TAP, all capital letters
1	2	iTAP, no capital letters
1⇧	2⇧	iTAP, capitalize next letter only
1⬆	2⬆	iTAP, all capital letters

tap mode

Press (#) in a text entry view to switch to **TAP** mode. If you don't see **Abc1** or **Abc2**, press **OPTIONS** > **Input Setup** to set **TAP** mode as your **Primary** or **Secondary** text entry mode.

To enter text in **TAP** mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.



Tip: Press ·Ô· up to accept a word completion; press (*) to insert a space.

When you enter 3 or more characters in a row, your phone may guess the rest of the

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word. For example, if you enter **Pro** you might see:

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

Tip: Press and hold **DELETE** to clear the whole page of text entered.

character chart

Use this chart as a guide for entering characters.

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	a b c 2 ä å á à ã â æ
3	d e f 3 é è ê
4	g h i 4 í î
5	j k l 5
6	m n o 6 ñ ö ø ó ò õ
7	p q r s 7 ß
8	t u v 8 ü ú ù
9	w x y z 9
0	change text case, for capital letters
*	enter a space (hold to enter a return)
#	change text entry method (hold for default)

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

tap method text entry rules

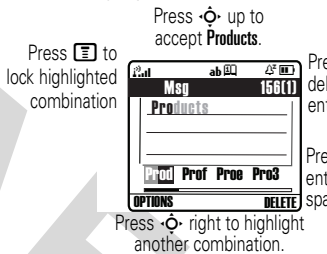
- Press a keypad key repeatedly to cycle through its characters.
- Press ·Ö· left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized.
- If you enter or edit information and do not want to save the changes, press ⏻ to exit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

iTAP® mode

Press # in a text entry view to switch to **iTAP** mode. If you don't see 🕮 or 🕮, press **OPTIONS** > **Input Setup** to set **iTAP** mode as your **Primary** or **Secondary** text entry mode.

iTAP mode lets you enter words using one key press per letter. The **iTAP** software combines your key presses into common words, and predicts each word as you enter it.

For example, if you press 7, 7, 6, 3, the letter combinations that match your key presses display the word **Product**.



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

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Tip: You can turn on/off the function of **Word Completion** by pressing ☰ >**Settings** > **Initial Setup** > **Input Mode** > **Word Completion**

To enter numbers quickly, press and hold a number key to temporarily switch to **Numeric** mode. Press the number keys to enter the numbers you want. Press # to change back to **iTAP** mode.

Press 1 to enter punctuation or other characters.

1 Press 1 ~ # to show possible letter combinations at the bottom of the display.

2 Press ·◌· left or right highlight the combination you want.

3 Press * to enter the highlighted combination when a word appears in the display. A space is automatically inserted after the word.

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

numeric mode

In a text entry screen, press # to switch entry modes until the **12** (numeric) indicator displays.

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

symbol mode

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

Press keypad keys repeatedly to cycle through its symbols.

DRAFT

If you do not press a key for 2 seconds, the highlighted symbol is accepted, and the cursor moves to the next position.

When you finish entering symbols, press # to switch to another entry mode.

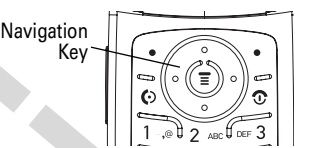
symbol chart

Use this chart as a guide for entering characters with the **Symbol** mode.

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	@ _ \ α ß
3	/ : ; δ Δ ε φ Φ
4	" & ' ν Γ η ι
5	( ) [ ] { } κ λ Λ
6	¿ ¡ ~ μ ν ω Ω
7	< > = π Π ρ σ Σ
8	$ £ ¥ ¤ € θ Θ τ υ
9	# % * ζ ξ Ξ χ ψ Ψ
0	+ - X * / \ [ ] = > < # §
*	enter a space (hold to enter a return)
#	change text entry method (hold for default)

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

navigation key



Press the *navigation key* ·◌· to scroll up, down, left, or right to highlight menu items, to change feature settings, and to play games. Press the left soft key or ☰ to select a highlighted menu item.

DRAFT

Note: ☰ usually performs the same function as the left soft key.

codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. If your service provider didn't change the code, you should change it:

Press ☰ > **Settings** > **Security** > **New Passwords**

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering 1 2 3 4 or the last four digits of your phone number.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock your phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To **manually lock** your phone:

Press ☰ > **Settings** > **Security** > **Phone Lock** > **Lock Now**.

To **automatically lock** your phone whenever you turn it off:

Press ☰ > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**.

Note: You can make emergency calls on a locked phone (see page 40). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer.**

DRAFT

unlock your phone

Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

1. Press keypad keys to enter your unlock code.
2. Press **OK** to unlock your phone.

DRAFT

ring style

Your phone rings or vibrates to notify you of incoming calls and other events.

You can select one of the five ring style profiles:

= Loud	= Vibe & Ring
= Soft	= Silent

The current ring style indicator will be shown at the top of your phone display.

To set a ring style:

Find it: Press ☰ > **Settings** > **Ring Styles** > **Style**

1 Press ·◌· to scroll to the ring style.

2 Press **SELECT** to select the ring style.

Each ring style consists of the following style detail settings: **Ringing Volume**, **Ringing Tone**, **Incoming Call Alert**, **Message Alert Tone**, **Key Tone Volume**, **Key Tone Type**, **Reminders**, **Startup Music**, and **Power Off Music.** To change these settings, press ☰ > **Settings** > **Ring Styles** > *style Detail*.

Note: You can't set an alert for the **Silent** style profile.

time & date

You must set the time and date to use the datebook.

Find it: Press ☰ > **Settings** > **Initial Setup** > **Time and Date**

DRAFT

wallpaper

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

Find it: Press ☰ > **Settings** > **Personalize** > **Wallpaper**

options	
Picture	Select an image for your wallpaper, or **Off** for no wallpaper.
Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display, or **Fit-to-screen** to stretch the image across the display.

display appearance

This section explains how to adjust the display contrast, color, and backlight.

contrast

Find it: Press ☰ > **Settings** > **Initial Setup** > **Contrast**

Press ·Ö· right to increase the contrast.
Press ·Ö· left to decrease the contrast.

color

Select the color style that sets the look and feel of your phone.

Find it: Press ☰ > **Settings** > **Personalize** > **Color Style**

1 Press ·Ö· to scroll to a **Color Style.**

2 Press **OK** to select the **Color Style**.

DRAFT

3 Press **BACK** to return to previous menu.

backlight

You can set the amount of time your phone's display and keypad backlight remain lit.

Find it: Press ☰ > **Settings** > **Initial Setup** > **Backlight**

1 Press ·◌· up or down to scroll to a time-out setting.

2 Press **OK** to select the setting.

3 Press **BACK** to return to previous menu.

Note: To save battery life, a shorter backlight display time should be chosen.

The display and keypad backlight will be lit when you press any key.

answer options

As an alternative to opening the flip to answer an incoming call, you can use **Anykey Answer**.

To activate or deactivate this option:

Find it: Press ☰ > **Settings** > **In-Call Setup**.

1 Press ·◌· to scroll to **Anykey Answer**.

2 Press **ON** to select the option.

DRAFT

calls

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

turn off a call alert

While the phone is ringing or vibrating:

Press **IGNORE** to cancel the incoming call.

Alternatively, you can press the side volume key up or down to turn off the call alert (if the answer call option is not set to **Anykey Answer**).

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

recent calls

Your phone keeps lists of the calls you recently received and dialed, even for calls that did not connect or are missed. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Tip: Press ⏲ from the home screen to view the list of dialed calls.

Find it: Press ☰ > **Recent Calls**

1. Press ·Ö· to scroll to **Received Calls** or **Dialed Calls**.
2. Press **SELECT** to select the list.
3. Press ·Ö· to scroll to an entry. A ✓ represents calls that are connected.

DRAFT

4 To call the number, press .

5 To see the call details, press **OPTIONS** > **VIEW**.

redial

1 Press to view the dialed calls list.

2 Press to scroll to the entry you want to call.

3 Press to redial the number.

return a call

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

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

1 Press **DETAIL** to see the list of received calls.

2 Press to select a call to return.

3 Press to make the call.

notepad

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

Find it: Press > **Recent Calls** > **Notepad**

Press to call the number.

or

Press **SAVE** to create a phonebook entry with the number in the **No.** field.

DRAFT

hold a call

Press **HOLD** (if available) to put the call on hold.

or

Press MENU > **Hold**.

call waiting

When you are on a call and a second call comes in, an alert tone sounds to indicate that you have a call waiting.

1 Press SEND to answer the new call.

2 Press **SWITCH** to switch between calls.

or

Press **LINK** to connect the 2 calls.

or

Press MENU > **End Calls** to end all calls, currently connected call, or the call on hold.

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

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

caller ID

incoming calls

Calling Line Identification (Caller ID) displays the phone number of the incoming calls in your phone's display.

The phone displays the caller's name when the name is stored in your phonebook, or the incoming caller's phone number when Caller ID information is not available.

DRAFT

outgoing calls

You can show or hide your phone number from the called party for the calls you make.

Find it: Press ☰ > **Settings** > **In-Call Setup** > **Show Number**

emergency calls

Your service provider programs one or more emergency phone numbers, such as 112, 911, or 000 that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

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

1. Press keypad keys to dial the emergency number.
2. Press ⏲ to call the emergency number.

international calls

If your phone service includes international dialing, press and hold 0 to insert your local international access code (indicate by +). Then, press the keypad keys to dial the country code and phone number.

1-touch dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second. If no speed dial number is assigned to the digit, you will be prompted to assign a number.

DRAFT

voicemail

Voicemail messages that you receive are stored on the network, not on your phone. To listen to your messages, you must call your voicemail phone number.

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

listen to voicemail messages

Find it: Press ☰ > **Messages** > **Voicemail**

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

Tip: Press and hold 1 to automatically access your voicemail.

receive voicemail

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

Press **CALL** to listen to the message.

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

store your voicemail number

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

DRAFT

Find it: Press ☰ > **Messages** > **OPTIONS** > **Voicemail Setup**

1 Press keypad keys to enter your voicemail number.

2 Press **SAVE** to store the number.

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

DRAFT

other features

advanced calling

feature	description
conference call	During a call: > **Hold**, dial next number, press , press **LINK**
call forwarding	Set up or cancel call forwarding: > **Settings** > **Call Forward**
call barring	Restrict outgoing or incoming calls: > **Settings** > **Security** > **Call Barring**
fixed dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. Turn fixed dialing on or off: > **Settings** > **Security** > **Fixed Dial** Use the fixed dial list: > **Settings** > **Security** > **Fixed Dial** > **Number List**
transfer a call	During a call press > **New Call**, dial the number and press . When connected, press > **Transfer**.

DRAFT

feature	description
auto redial	When you receive a busy signal, your phone displays **Number Busy**. Set up your phone to automatically redial the number: MENU > **Settings** > **In-Call Setup** > **Auto Redial** When the call goes through, your phone rings or vibrates once, and connects.

feature	description
speed dial	Speed dial a phonebook entry: Enter the speed dial number, press #, then press SEND to call. See an entry's speed dial number: MENU > **Phonebook**, scroll to the entry, press MENU.

DRAFT

phonebook

feature	description
create entry	Create a new phonebook entry: MENU > **Phonebook** > **OPTIONS** > **New** **Shortcut:** Key in number using Keypad keys, then press **SAVE** > **SIM/Phone Memory**.
dial number	Call a number stored in the phonebook: MENU > **Phonebook**, highlight the phonebook entry, press SEND to call.
set category for entry	Set the category for a phonebook entry: MENU > **Phonebook** > desired entry > **OPTIONS** > **Change Group** **Note:** The **Category** option is not available for entries stored on the SIM card. **Hint:** You can rename your category: MENU > **Phonebook** > **OPTIONS** > **Categories** > desired category > **OPTIONS** > **Rename**
set category view	Set a phonebook category view: MENU > **Phonebook** > **OPTIONS** > **Categories** > desired category > MENU

DRAFT

feature	description
sort phonebook list	Set the order in which phonebook entries are listed: MENU > **Phonebook** > **OPTIONS** > **Setting** > **Sort by** > *sort order*

messages

feature	description
send text message	Send a text message: MENU > **Messages** > **Create Message** > **New Short Msg**
send multimedia message	Send a multimedia message: MENU > **Messages** > **Create Message** > **New Multimedia Msg**
use MMS template	Open an MMS template with preloaded media: MENU > **Messages** > **Create Message** > **MMS Templates**
read message	Read a new text or multimedia message that you have received: Press **DETAIL**.
store message objects	Go to a multimedia message page or highlight an object in a message, then: **OPTIONS** > **Save Object**

DRAFT

chat

feature	description
start chat	Start a new chat session: MENU > **Tools** > **Chat** Edit Nickname, press MENU. Enter new number or press **PH.BOOK** > *desired entry* > **OK** Then press MENU > compose a chat > SEND
receive chat request	When you receive a chat request: Press **ACCEPT** or **IGNORE**.
end chat	During a chat session: MENU > **End Chat**

personalizing

feature	description
language	Set the menu language: MENU > **Settings** > **Initial Setup** > **Language**
change home screen keys and icons	Change the soft key labels and menu feature icons on the home screen: MENU > **Settings** > **Personalize** > **Home Screen** > **Home Keys**
enable time and date display	Turn the date and time display on and off: MENU > **Settings** > **Personalize** > **Home Screen** > **Clock**
change home screen layout	Change the layout of the home screen: MENU > **Settings** > **Personalize** > **Home Screen** > **Layout**

DRAFT

feature	description
color style	Change the color scheme of the display: M > Settings > Personalize > Color Style
quick dial	Assign quick dial keys to phone numbers: M > Settings > Personalize > Quick Dial

feature	description
shortcuts	Create a shortcut to a menu item: M > Tools > Shortcuts > [Edit Shortcut] Highlight the menu item, then press **SELECT** and assign a number. Select a shortcut: M > Tools > Shortcuts > *shortcut name*

DRAFT

feature	description
store your name and number	Store or edit your name and phone number information on your SIM card: > **Settings** > **Phone Status** > **My Tel. Numbers** If you do not know your phone number, contact your service provider.
master reset	Reset the phone to the default settings, except unlock code, security code, and lifetime timer: > **Settings** > **Initial Setup** > **Master Reset**

feature	description
master clear	Erase all downloaded files and clear all settings and entries except SIM card information, unlock code, and security code. > **Settings** > **Initial Setup** > **Master Clear** **Caution:** Master clear **erases all information you have entered** (including phonebook and datebook entries) and **content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

DRAFT

phone alerts

feature	description
ring style	Change the ring alert: MENU > Settings > Ring Styles > Style
ring volume	Set the ringer volume: MENU > Settings > Ring Styles > Style Detail > Ringing Volume
ringing tone	Set ring tone melody: MENU > Settings > Ring Styles > Style Detail > Ringing Tone
create ring tones	Create ring tones that you can use on your phone: MENU > Multimedia > Sounds > [New iMelody]
incoming call alert	Set the alert style for incoming calls: MENU > Settings > Ring Styles > Style Detail > Incoming Call Alert
message alert tone	Set message alert: MENU > Settings > Ring Styles > Style Detail > Message Alert Tone
key tone volume	Set keypad key press volume: MENU > Settings > Ring Styles > Style Detail > Key Tone Volume
key tone type	Set keypad tone: MENU > Settings > Ring Styles > Style Detail > Key Tone Type
reminders	Turn reminders on and off: MENU > Settings > Ring Styles > Style Detail > Reminders

DRAFT

feature	description
startup music	Turn the startup music on and off: M > Settings > Ring Styles > Style Detail > Startup Music

miscellaneous

feature	description
auto power off	Enable the power saving feature: M > Settings > Auto Power Off

feature	description
lantern	The Lantern feature enables you to change your phone's idle display into a flashlight. Enable the lantern: M > Tools > Lantern You can specify how long the Lantern feature lights the display when you activate it: M > Settings > Lantern > M > select timing > OK

DRAFT

feature	description
change active line	Change the active phone line to make and receive calls from your other phone number: MENU > Settings > Phone Status > Active Line The **Active Line** indicator in the display shows which phone line is currently active (see page 19). **Note:** This feature is available only for SIM cards enabled for dual phone lines.

call times and costs

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

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

feature	description
call times	View call timers: MENU > Recent Calls > Call Time
call cost	View call cost information: MENU > Recent Calls > Call Cost

handsfree

Note: The use of wireless devices and their accessories may be prohibited or restricted in

DRAFT

certain areas. Always obey the laws and regulations on the use of these products.

feature	description
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: MENU > **Settings** > **Headset** & **Car Setting** > **Auto Answer**

network

feature	description
network settings	View network information and adjust network settings: MENU > **Settings** > **Network**

personal organizer

feature	description
create datebook event	Create a new datebook event: MENU > **Tools** > **Calendar** Highlight the day and press MENU to choose the date. Select **[Add New]**.
view or edit datebook event	View or edit event details: MENU > **Tools** > **Calendar** Highlight the day and press MENU to choose the date. Press **SELECT** to view or edit the event.

DRAFT

feature	description
set alarm	Set an alarm: MENU > **Alarm Clock** > **[New Alarm]** Use the keypad keys to enter info for **Set alarm name** and **Set alarm time**. Select **SAVE**. Press MENU to turn the alarm **ON**. **Note:** You can program the **Alarm** to go off **Once**, **Daily**, or **Workday**. You can also enable the **Vibrator** mode or change the **Alarm tone**.
turn off alarm	Turn off the alarm: Press **STOP** or POWER. Set 5-minute delay: Press **SNOOZE.**

feature	description
calculator	Calculate numbers: MENU > **Tools** > **Calculator**
currency converter	Convert currency: MENU > **Tools** > **Calculator** Press **OPTIONS**. Scroll to **Exchange Rate**, press **SELECT** and choose **Foreign Unit Expression** or **Domestic Unit Expression**. Then enter the exchange rate. Enter an amount in the main calculator window, press MENU. Choose either **In Foreign** or **In Domestic** to see the exchange value.

DRAFT

security

feature	description
SIM PIN	Lock or unlock the SIM card: M > **Settings** > **Security** > **SIM PIN** **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
lock application	Lock phone applications: M > **Settings** > **Security** > **Phone Lock**

DRAFT

games

feature	description
launch micro-browser	Start a micro-browser session: > **WebAccess** > **Browser**

feature	description
download objects from web page	Download a picture, sound, or MMS template from a Web page: > **WebAccess** > **Browser**, then go to the page that links to the media file. Highlight the file and press **SELECT**. Then press **STORE**. **Note:** Normal airtime and/or carrier usage charges apply. If you are unable to connect to the Web session, contact your service provider to verify the browser settings.
web sessions	Select or create a Web session: > **WebAccess** > **Web Sessions**

DRAFT

feature	description
launch game	Launch game: > **Game** Highlight the game and press **SELECT**. Instructions are included for each game.
manage pictures	Manage pictures and animations that you have downloaded: > **Multimedia** > **Pictures**
manage sounds	Manage ring tones and sounds that you have composed or downloaded: > **Multimedia** > **Sounds**

DRAFT

service and repairs

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

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

DRAFT

Specific Absorption Rate Data

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

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

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

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and

DRAFT

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 1.24 W/kg, and when worn on the body, as described in this user guide, is 0.47 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

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

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

`http://www.phonefacts.net`

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

`http://www.cwta.ca`

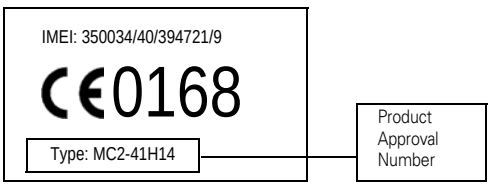
1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The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

DRAFT

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at `www.motorola.com/rtte` - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

index

A

alarm clock 54
alert
  creating 50
  defined 34
  setting 34, 50
animation
  downloading 56
  viewing 57
  wallpaper 35
answering a call 36
application, locking and unlocking 55

B

backlight 36
barring calls 43
battery
  charging 10
  extending battery life 10, 36
  installing 9
browser. *See* micro-browser

C

calculator 54
call
  answer options 36
  barring 43
  barring password, changing 32
  call waiting 39
  costs 52
  dialed calls list 37
  dialing 12
  emergency number 40
  forwarding 43
  hold 39
  international access code 40
  making 12
  received calls list 37
  ring style 34, 50
  timers 52
  unanswered call 38
call waiting 39
caller ID 39
calling line identification. *See* caller ID
category
  phonebook entry 45

DRAFT

view 45
center select button 31
character chart 28
chat 47
clock
setting 34
codes
changing 32
default 32
color, setting 35
conference call 43
contrast, setting 35

D

date, setting 34
datebook 53
dialed calls list 37
dialing a number 12, 43
display
backlight 36
color 35
contrast 35
description 18
home screen 18
language 47
personalizing 47

E

emergency number 40
end key 1
Enter Unlock Code message 33

F

5-way navigation key 31
fixed dial 43
forwarding calls 43

H

headset jack 1
hold a call 39
home keys, personalizing 47
home screen
defined 18

I

incoming call
forwarding 43
Incoming Call message 39
indicators
message waiting 16
text case 27
text entry method 27
voicemail message 41
international access code 40
iTAP software 29

K

key
center select button 31
end 1
5-way navigation 31

DRAFT

left soft key 1, 18, 47
menu 1
power 1
right soft key 1, 18, 47
send 1
volume control 1, 12
keypad
volume, setting 50

L

language, setting 47
left soft key
functions 1, 18
personalizing 47
lock
application 55
phone 32
SIM card 55

M

making a call 12
master clear 49
master reset 49
menu
entering text 25
icons, changing in home screen 47
language, setting 47
using 23
menu key 1
message
chat 47
MMS template 46
MMS, defined 16
multimedia message 46
reading 46
text 46
message waiting indicator 16
micro-browser
browser setup 56
using 56
Web sessions 56
MMS template 46
MMS. *See* message
multimedia message
receiving 16
sending 16, 46
multimedia messaging service. *See* message

N

network settings 53
notepad 38
numbers, entering 30

O

1-touch dial
using 40
optional feature, defined 8

DRAFT

P

phone
  answer options 36
  clear stored information 49
  codes 32
  date, setting 34
  language, setting 47
  locking 32
  network settings 53
  reset all options 49
  ring style 34, 50
  security code 32
  time, setting 34
  turning on/off 11
  unlock code 32
  unlocking 11, 32
phone number
  international access code 40
  redialing 38
  storing in phonebook 45
phonebook
  category for entry 45
  category view 45
  dialing a number 45
  1-touch dial 40
  picture ID 39
  sorting entries 46
  storing an entry 45
photo
  downloading 56
  picture ID 39
picture
  downloading 56
  viewing 57
  wallpaper 35
picture ID 39
PIN code
  changing 32
  entering 55
PIN2 code, changing 32
power key 1
predictive text entry 29
primary text entry method 25

R

received calls list 37
recent calls 37
redial
  busy number 38
right soft key
  functions 1, 18
  personalizing 47
ring style, setting 34, 50
ring tone
  creating 50
  downloading 56
  managing 57
ringer volume, setting 50

DRAFT

S

secondary text entry method 25
security code
  changing 32
  default 32
send key 1
service dial 43
shortcuts 48
silent alert, setting 34, 50
SIM Blocked message 11, 55
SIM card
  defined 9
  installing 9
  locking 55
  PIN code entry 11
  PIN code, changing 32
  PIN2 code, changing 32
  precautions 9
SIM Blocked message 11, 55
SIM PIN code
  changing 32
  entering 55
SIM PIN2 code, changing 32
soft keys
  functions 18
  illustration 1
  personalizing 47
sound
  creating 50
  downloading 56
  managing 57
speakerphone
  handsfree 52
standby time, increasing 36
symbol chart 31
symbols, entering 30

T

tap method text entry 27
text
  capitalization, changing 26
  character chart 28
  entering 25
  entry method, selecting 25
  entry method, setup 26
  iTAP software predictive text entry 29
  numeric method 30
  symbol chart 31
  symbol method 30
  tap method 27
text case indicator 27
text entry method
  selecting 25
  setup 26
text entry method indicator 27

DRAFT

time, setting 34
timers 52
travel charger 10

U

unlock
  application 55
  phone 32
unlock code
  changing 32
  default 32
  entering 11

V

vibrate alert
  setting 34, 50
video clip
  downloading 46
voicemail 41
voicemail message indicator 41
volume
  keypad 50
  ringer 50
volume keys 12

W

wallpaper 35
Web pages 56
Web sessions 56

DRAFT

U.S. patent Re. 34,976

DRAFT

MOTOROLA

Important Safety and Legal Information

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Manual Number: 6809497A59-B

Contents

Safety Information **A-4**
- Exposure to Radio Frequency (RF) Energy ..... A- 4
- Operational Precautions ..... A- 4
- RF Energy Interference/Compatibility ..... A- 5
- Driving Precautions ..... A- 6
- Operational Warnings ..... A- 6
- Choking Hazards ..... A- 7
- Glass Parts ..... A- 7
- Seizures/Blackouts ..... A- 8
- Caution About High Volume Usage ..... A- 8
- Repetitive Motion ..... A- 8

Industry Canada Notice **A-8**

FCC Notice **A-9**

Warranty **A-10**

Hearing Aids **A-14**

WHO Information **A-15**

Registration **A-15**

Export Law **A-16**

Recycling **A-16**

Driving Safety **A-17**

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.*

Exposure to Radio Frequency (RF) Energy

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

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

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not complying with local regulatory requirements in your country.

DO NOT hold the external antenna when the mobile device is IN USE. Holding the external antenna affects call quality and may cause the mobile device to operate at a higher power level than needed.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder,

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006.

holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

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

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: `www.motorola.com`.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

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

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some mobile devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

Driving Precautions

Check the laws and regulations on the use of mobile devices in the area where you drive. Always obey them.

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola Web site: `www.motorola.com/callsmart`.

Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products

If your mobile device or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original batteries and chargers.**

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Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.

Symbol	Definition
	Do not throw your battery or mobile device in the trash.
	Your mobile device contains an internal lithium ion battery.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your mobile device and its accessories away from small children.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has 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 physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage

Listening at full volume to music or voice through a headset may damage your hearing.

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice To Users

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 as defined 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, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
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.

Products Covered	Length of Coverage
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories 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.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: `http://www.who.int./peh-emf`

Product Registration

Online Product Registration:

`direct.motorola.com/hellomoto/Motosupport/source/registration.asp`

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.

Wireless: The New Recyclable

Your wireless mobile device can be recycled. Recycling your mobile device reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their mobile devices and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a mobile device user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this mobile device up or trade it in for a new one, please remember that the mobile device, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at:: `recycling.motorola.young-america.com/index.html`

Smart Practices While Driving

Drive Safe, Call Smart SM

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to `www.motorola.com/callsmart` **for more information.**

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today. TM
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.