

Motorola
iDEN
Digital Multi-service Data-capable Phone

***i205* Phone User's Guide**

FINAL DRAFT



NNTN4693A

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DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: **i205**

Model Number: **H62XAH6RR1AN**

Conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a), 15.107(d)
and section 15.109(a)

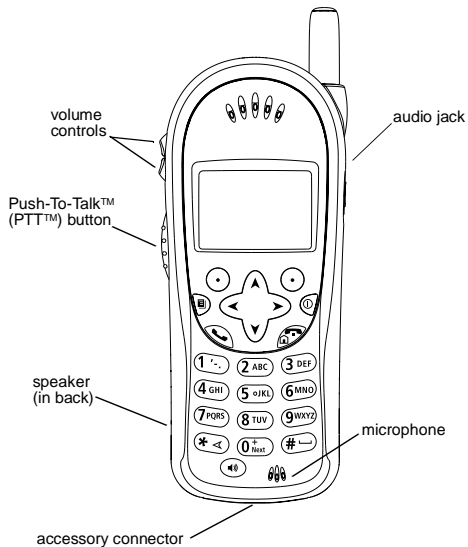
Class B Digital Device







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.

Getting Started



-  Power button.
-  Navigation key — press the arrows to scroll through menus and list.
-  Accesses context-sensitive menus.
-  Selects the option appearing above it on the display.
-  Send key — places phone calls.
-  End key — ends phone calls; returns to idle screen.

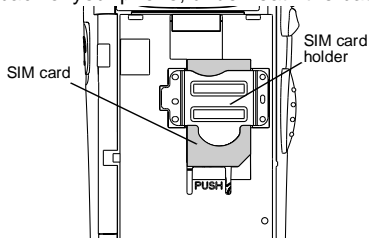
To start using your i205 phone:

- Make sure your SIM card is in place.
- Charge the battery.
- Activate your service.
- Start making calls and using your phone's other features.

Getting Started

Locating Your SIM Card

Your SIM (Subscriber Identity Module) card is a small piece of white plastic located in the SIM card holder in the back of your phone, underneath the battery.



If your phone arrived with the battery on, remove it to view your SIM card. See "Removing the Battery Cover" on page 2.

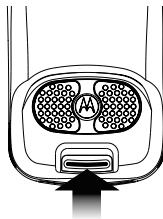
If your SIM card is not in the SIM card holder, it may be in the box your phone came in, attached to a piece of white plastic about the size of a credit card. If this is the case, carefully detach your SIM card from the surrounding plastic and insert it as described in "Inserting Your SIM Card" on page 12.

If there is no SIM card in your phone or the box, contact your service provider.

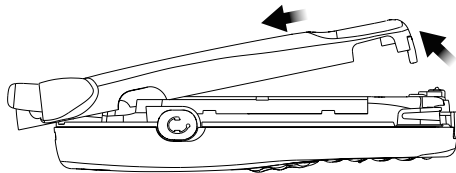
Battery

Removing the Battery Cover

- 1 Make sure the phone is powered off. See "Powering On and Off" on page 5.
- 2 Slide the release button forward until it releases the battery cover.

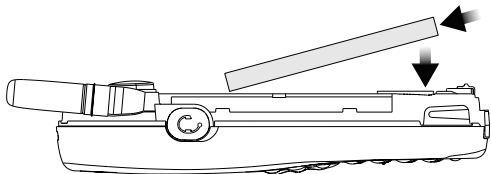


- 3 Remove the battery cover from the back of your phone.

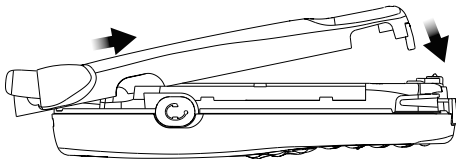


Inserting the Battery

- 1 Remove the battery cover. See "Removing the Battery Cover" on page 2.
- 2 Insert the top of the battery into the battery area. Press the bottom of the battery to secure it.



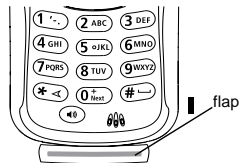
- 3 Replace the battery cover and press it gently until you hear a click.



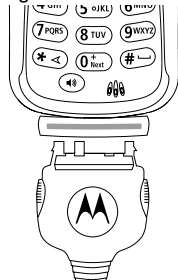
Charging the Battery

Your phone comes with a battery charger.

- 1 Plug the charger into an electrical outlet.
- 2 Open the flap covering the phone's accessory connector.



- 3 With the phone's display facing up, plug the other end of the charger into the accessory connector.



Getting Started

Tip: To remove the charger from the accessory connector, press the buttons on the sides of the plug.

- When charging the battery for the first time, charge for 30 minutes longer than the time shown in “Charging Times” on page 4.

Charging Times

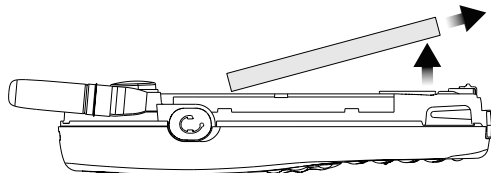
See your battery and charger to determine the appropriate charging time.

Battery	Charger	
	Rapid	Mid-Rate
Slim	2 hours	4.5 hours
High Performance	2 hours	5 hours
Extra Capacity	2.5 hours	7 hours
Maximum Capacity	3 hours	8 hours

For best results, charge the batteries within the temperature range of 10°C to 40°C (50°F to 104°F). Prolonged charging is not recommended.

Removing the Battery

- Remove the battery cover. See “Removing the Battery Cover” on page 2.
- Remove the battery by pushing the battery toward the antenna and lifting it out.



Battery Use and Maintenance

- The Motorola iDEN Approved Lithium Ion chargers provide optimum performance. Other chargers may not fully charge the iDEN Lithium Ion battery or may yield a reduced number of lifetime charge cycles.
- Extreme temperatures degrade battery performance. Do not store the battery where temperatures exceed 60°C (140°F) or fall below -20°C (4°F).
- Lithium Ion batteries have a self discharge rate and without use, lose about 1% of their charge per day.

- The battery capacity is degraded if the battery is stored for long periods while fully charged. If long term storage is required, store at half capacity.


Activating Service

The first time you power on your phone, you must be in your local calling area. This activates your service.

See “Powering On and Off” on page 5 for information on powering on your phone.



When you power on your phone for the first time, enter 0000 if the **Enter SIM PIN Code** screen appears. Press  under **Ok**.

You should change your SIM PIN code as soon as is convenient. See “SIM Card Security” on page 10.

A screen may appear asking you to update your browser information. Press  under **Ok**. See “Over-the-Air Programming” on page 5.

Powering On and Off


To power your phone on:

- 1 Extend the antenna.
- 2 Press .
- 3 If the **Enter SIM PIN Code** screen appears, enter your SIM PIN. See “Entering the PIN” on page 10. Press  under **Ok**.

Note: When you receive your phone, the SIM PIN is 0000. Change your PIN to prevent fraudulent use of the SIM card (see “Changing the PIN” on page 10).

As your phone connects to the network, you will see a welcome message and a connecting message. When the idle screen appears, the phone is ready to use.



To power the phone off:

- 1 Press and hold .
- 2 Push down the antenna.

Over-the-Air Programming

If you are set up to receive over-the-air programming from your service provider, you must enable security the first time you power on your phone or within 20 days of first activation of your phone:

- 1 When you power on your phone for the first time, after the idle screen appears, you will be prompted to select **Ok** to update your browser information.

Note: If you press  under **Later**, you will be prompted to enable security each time you power on your phone until you press  under **Ok**.

- 2 Press  under **Ok**.

Getting Started

- 3 You are prompted to enable security. Press \odot under **Yes**. A series of screens appears. If you subscribe to your service provider's plan, your home page appears.
- 4 Press \leftarrow to return to the idle screen.

Within 24 hours of enabling security, you will receive a Net alert containing your Private ID and Talkgroup lists for Private calls.

To accept programming:

- 1 When you receive a Net alert saying **New Browser Message - Receive Programming Info**, press \odot under **Goto**.
- 2 You are prompted to accept changes to your lists. Press \odot under **Ok**.
- 3 If you are prompted again to accept changes to your lists, press \odot under **Ok**.
- 4 A confirmation screen displays. Press \odot under **Ok**.
- 5 Press \leftarrow to return to the idle screen.

Making a Call

To make a phone call:

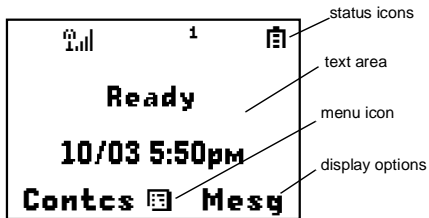
- 1 Enter the number you want to call.
- 2 Press \leftarrow to place the call.
- 3 Press \leftarrow to end the call.

To make a Private call:

- 1 Enter the Private ID you want to call.
- 2 Press and hold the PTT button on the side of your phone. Begin talking after your phone emits a chirping sound.
- 3 Release the PTT button to listen.

Phone Basics

Any time your phone is powered on, the display provides you with information and options.



The screen shown above is the idle screen. The text that appears of your idle screen depends on your service provider. The idle screen appears when your phone is on, but not engaged in any activity.

Text Area

This area displays menus, messages, names, phone numbers, and other information.

Display Options


Two display options appear at the bottom of most screens. You select a display option by pressing the option key below it.

Menus and Lists



Your phone's features are arranged in menus, submenus, and lists.

To access the items in a menu or list, scroll using the navigation key at the top of your keypad. This key lets you scroll up, down, left, or right. Holding down the appropriate part of the navigation key speeds up scrolling.

In this guide, this symbol > tells you to select a menu or list item. For example, **Settings > Security** means:





- 1 Scroll to **Settings** on the main menu.
- 2 Press  under **Select** to see the **Settings** screen.
- 3 Scroll to **Security**.

Menu Key

Many features provide context-sensitive menus that let you access related features and actions. This icon  appears any time a context-sensitive menu is available. Press  to access the menu.

Main Menu

All your phone's features can be accessed through the main menu. When you are using a feature, the icon for that feature appears in the upper left corner of the display.

-  **Browser** Browse the Web.
-  **Settings** Customize your phone. See page 79.
Display/Info
Phone Calls
2-Way Radio
Volume
Security
Advanced
-  **VoiceRecord** Record and play audio messages. See page 61.
-  **Contacts** View, store, edit contacts. See page 25.
new contact form
list of contacts
Contacts menu

Getting Started

Messages

Voice Mail
Text Msgs
etc.

Access and create messages. See page 41.

Call Forward

Set call forwarding options. See page 33.

Memo

Store a number to access later. See page 73.

Call Timers

Phone usage information. See page 69.

Recent Calls

list of calls
recent calls menu
Call Setup menu

Lists recent calls. See page 21.

My Info

View personal phone information, including phone number and Private ID. See page 13.

Call Alerts

list of call alerts
Call Alerts menu

Lists call alerts. See page 23.

GPS

Find your approximate geographical location. See page 51.


Ring Tones


list of ring tones
Ring Tones menu


Assign ring tones and turn ringer off. See page 37.


Status Icons


Status icons appear in the two rows at the top of the display. Some appear at all times. Others appear only when your phone is engaged in certain activities or when you have activated certain features.


 **Battery Strength** — more bars on the battery indicate a greater charge.


 **Signal Strength** — more bars next to the antenna indicate a stronger signal.


 **Phone In Use** — your phone is active on a phone call.


 **Private In Use** — your phone is active on a Private call.


 **Talkgroup In Use** — your phone is active on a group call.


 **Active Phone Line** — 1 indicates phone line 1 is ready to make calls; 2 indicates phone line 2 is ready to make calls.


 **Call Forward** — your phone is set to forward calls. See “Call Forwarding” on page 33.


 **Ringer Off** — your phone is set not to ring. See “Turning Ring Tones Off” on page 37.


 **Speaker Off** — your phone’s speaker is off.

 **Messages** — you have one or more messages. See “Messages” on page 41.

 **T9 Text Input** — you are using T9 Text Input to enter text. See “Entering Text” on page 75.

 **Internet** — you are ready to browse the internet or are browsing the internet.

 **Data cable** — you are ready to transfer data or are transferring data using a data cable. See “Using Your Phone as a Modem” on page 70.



 **TTY** — see “Making TTY Calls” on page 71.

Locking the Keypad

Locking the phone’s keypad prevents its buttons from being pressed. When the keypad is locked, you can only:



- Power the phone on and off
 - Unlock the keypad
 - Respond to incoming calls, messages, and alerts
- Important: Emergency calls cannot be placed while the keypad is locked.**


To lock the keypad:

- 1 From the idle screen, press .
- 2 Press .

If you press a key while the keypad is locked, instructions for unlocking the keypad display briefly.

To unlock the keypad:

- 1 From the idle screen, press .
- 2 Press .

While the keypad is locked, you can respond to incoming calls, messages, and alerts just as you do when the keypad is not locked. When finished, press  to return to the idle screen. The keypad remains locked.

SIM Card Security

Your SIM card protects your personal information. The SIM card stores all your Contacts information. Since this information is stored on your SIM card, not in your phone, you can remove the information by removing your SIM card.

Note: Except for making emergency calls, your phone will not function without the SIM card.

To prevent unauthorized use of your phone, your SIM card is protected by a PIN that you enter each time the phone is powered on. You can change the PIN or turn off the requirement that it be entered.

Entering the PIN




You may be required to enter a SIM PIN when you first use your phone.

When you receive your phone, the SIM PIN is 0000. Change your PIN to prevent fraudulent use of the SIM card. See “Changing the PIN” on page 10.

Important: If you enter your PIN incorrectly three times, your SIM card is blocked. To unblock your SIM card, you must contact your service provider. See “Unblocking the PIN” on page 11.

- 1 When the **Enter SIM PIN Code** screen appears, enter your SIM PIN. An asterisk appears for each character entered.
- 2 Press  under **Ok**.

Changing the PIN

- 1 From the main menu, select **Settings > Security > Change Password > SIM PIN**.
- 2 At the **Enter Old SIM PIN Code** screen, enter the current SIM PIN.
- 3 Press  under **Ok**.
- 4 At the **Enter New SIM PIN Code** screen, enter the new 4 to 8-digit SIM PIN.
- 5 Press  under **Ok**.
- 6 At the **Re-enter New SIM PIN Code** screen, re-enter the new SIM PIN to confirm.
- 7 Press  under **Ok**.



Turning the PIN Requirement On and Off

When the SIM PIN requirement is on, you are prompted to enter your PIN each time you turn on your phone.

Note: If a SIM PIN is required, your phone will not function until the SIM PIN is entered, except for making emergency calls.

When the PIN requirement is off, your phone can be used without entering a PIN.

Important: When the SIM PIN requirement is off, the personal data on your SIM card is not protected. Anyone can use your phone and access your personal data.









- 1 From the main menu, select **Settings > Security > SIM PIN**.
- 2 Scroll to **On** or **Off**.
- 3 Press  under **Select**.
- 4 Enter the current SIM PIN.
- 5 Press  under **Ok**.

Unblocking the PIN

If you enter your PIN incorrectly three times, your SIM card is blocked. To unblock your SIM card, you must contact your service provider to get a PIN Unblock Code (PUK).

Important: If you unsuccessfully enter the PUK code ten times, your SIM card is permanently blocked and must be replaced. If this happens, all data is lost. You will get a message to contact your service provider. Except for making emergency calls, your phone will not function with a blocked SIM card.

To unblock the PIN:

- 1 Press     .
- 2 Enter the PUK code.
- 3 Press .
- 4 Enter a new 4- to 8-digit SIM PIN. Press .
- 5 Re-enter your SIM PIN. Press .

If you entered the codes properly, **SIM Unlocked** appears on the display.

Inserting and Removing Your SIM Card

Important: Do not touch the gold-colored areas of your SIM card.

If you remove your SIM card and insert another SIM card into your phone, the following information is erased when you use your phone with the new SIM card:

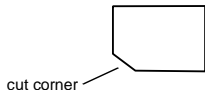
- The recent calls list
- Call forwarding settings

Getting Started

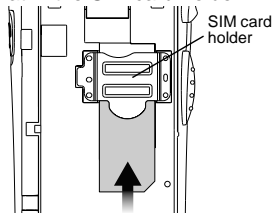
- Net alerts
- Mobile originated text messages, drafts, and quick notes
- Information stored in Memo
- 3 most recent GPS Enabled locations
- Voice records
- Voice names

Inserting Your SIM Card

- 1 With your phone powered off, remove the battery cover and battery. See “Removing the Battery” on page 4.
- 2 Hold your SIM card as shown. Do not touch the gold-colored area.



- 3 Carefully slide your SIM card to into your phone, until it lies flat in the SIM card holder.

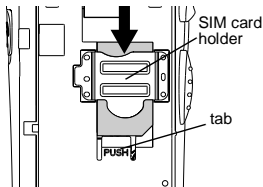


Removing Your SIM Card

Important: To avoid loss or damage, do not remove your SIM card from your phone unless absolutely necessary.

- 1 With your phone powered off, remove the battery cover and battery. See “Removing the Battery” on page 4.
- 2 Gently press the tab near the of the SIM card holder.

- 3 While holding the tab down, slide your SIM card out of the SIM card holder. Do not touch the gold-colored area.



Note: Protect your SIM card as you would any delicate object. Store it carefully.

Completing Setup

My Info

My Info lets you view your phone number, Private ID, and other phone information:

- 1 From the main menu, select **My Info**.
- 2 Scroll to see your information.

Some of this information is filled in automatically. Some you enter.

- **Name** — Enter your name. See “Entering Text” on page 75.

- **Private** — Your Private ID is the number that others use to contact you using Private calls. It is filled in when you receive your first Private call.
- **Line 1** and **Line 2** — Your phone numbers for phone lines 1 and 2. Each is filled in when you receive your first call on that line.
- **Carrier IP** — The IP address assigned to your service provider. It is filled in when you register for packet data services.
- **IP1 Address** and **IP2 Address** — The IP addresses you use to access the Internet with your phone.
- **Circuit Data Number (Ckt)** — The number you use if you want to use your phone as a modem. You receive the number from your service provider.
- **Service Status** — This information may be used by your service provider if there is a problem with your phone’s services.

Voice Mail and Other Messages

To receive voice mail, you must set up an account with your service provider. See “Messages” on page 41 for information on using voice mail.

If your service provider offers mobile originated text messaging, see “Mobile Originated Text Messaging” on page 45 for information on setting up and using it.

Getting Started

Customizing Features

You can control many features of your phone, including the volume of incoming sound, rings, and other tones. See “Customizing Your Phone” on page 79.

Accessories

Your phone comes with a battery and a charger.

To order additional accessories, log on to our Web site at www.motorola.com/store/iden or contact your Motorola Authorized Retailer.



For More Information

If you have questions about your *i205* phone, contact your sales representative or your service provider.

Making Calls

Your i205 phone makes two types of calls: digital cellular phone calls and Private calls. With Private calls, you use your phone as a long-range, digital walkie-talkie.

To make a phone call:

- 1 Enter the number you want to call.
- 2 Press  to place the call.
- 3 Press  to end the call.

To make a Private call:

- 1 Enter the Private ID you want to call.
- 2 Press and hold the PTT button on the side of your phone. Begin talking after your phone emits a chirping sound.
- 3 Release the PTT button to listen.

Receiving Calls

When you receive a phone call, your phone rings, vibrates, or lights up its backlight.

To answer a phone call:

Press . **-or-**

Press  under **Yes**. **-or-**

Press any key on the keypad.

To send a phone call to voice mail instead of answering it:

Press . **-or-**

Press  under **No**.

To end a phone call:

Press .


When you receive a Private call, your phone emits a chirping sound.


To answer a Private call:


- 1 Wait for the caller to finish speaking.
- 2 Press and hold the PTT button on the side of your phone. Begin talking after your phone emits a chirping sound.
- 3 Release the PTT button to listen.

Call Icons


When you make a call, call icons appear in text area of the phone's display.

 Placing a phone call.

 Receiving a phone call.


 Phone call is active.

Making Calls

 Phone call is on hold.

 Phone call ended.

When you miss a call, this icon appears in text area:

 Missed phone call.

Entering the Number to Call




To enter the number you want to call, you can:

- Use the numbers on the keypad
- Select the number from the recent calls list
- Select the number from Contacts
- Redial the last phone number called
- Say a voice name into your phone
- Use Speed Dial or Turbo Dial make a phone call
- Use One Touch PTT to make a Private call
- Use a TTY device — see “Making TTY Calls” on page 71

From the Keypad

To enter the number you want to call, press the numbers on the keypad.

If you make a mistake:

- To clear a digit, press  under **Delete**.
- To clear all digits, press and hold  under **Delete**.
- To insert or delete a digit anywhere in the string of digits you have entered, scroll left or right.
- To cancel, press .

From the Recent Calls List

The recent calls list stores the last 20 calls you made or received.

To select a number from the recent calls list as the number you want to call:

1 From the idle screen, press the down arrow on the navigation key. **-or-**

From the main menu, select **Recent Calls**.

2 Scroll to the name or number you want to call.

From Contacts

If you have numbers stored in Contacts, you can use these numbers to make calls. For information on entering numbers into Contacts, see “Creating Entries” on page 27.

Calling from the Contacts List

1 From the main menu, select **Contacts**.

2 Scroll to the name or number you want to call.

Tip: To find Contacts entries faster, use the keypad to enter the first letter of the name.

3 Place the call now. -or-


Scroll left or right to view the icon for the number you want to call. If an entry has more than one number stored, < > surrounds the Contacts type icon to the right of the entry.


If you are making a Private call, your phone places the call to the Private ID stored in the Contacts entry, even if the Private ID icon is not displayed.

If you are making a phone call:

- Your phone places the call to the phone number assigned to the Contacts type displayed.
- If the Contacts type displayed is not a phone number, your phone places the call to the phone number stored in the Contacts entry.
- If the Contacts type displayed is not a phone number and you have more than one phone number stored in the Contacts entry, your phone prompts you to select the phone number you want to place the call to.

Calling from a Contacts Entry


- 1 From the main menu, select **Contacts**.
- 2 Scroll to the name or number you want to call.
- 3 Press  under **View**. -or-

If **View** is not one of your options: Press . Select **View**. Scroll to the number you want to call.

4 Place the call now. -or-

Scroll to view more numbers. When you place the call, it is made to the number displayed.


Redialing the Last Number

Press and hold  to place a call to the last phone number you called.

Using a Voice Name

Note: This feature may not be offered by your service provider.

If you have created a voice name in Contacts for the number you want to call, say the voice name into your phone to enter the number. See page 26 for information on voice names.


- 1 Press and hold  until a prompt appears telling you to say the voice name.
- 2 Speaking into the microphone, say the voice name assigned to the number you want to call.

Your phone plays the name back to you.

If you are making a Private call, press and hold the PTT button to place the call.

If you are making a phone call, the call is placed automatically.


Making Calls

Tip: To stop a phone call from being completed, press .

Using Speed Dial and Turbo Dial

Each phone number stored in Contacts is assigned a Speed Dial number.

To use Speed Dial to enter the number you want to call:

- 1 From the idle screen, use the keypad to enter the Speed Dial number assigned to the phone number you want to call.
- 2 Press .

Turbo Dial lets you place calls to the phone numbers associated with Speed Dial numbers 1 through 9 even more rapidly:

From the idle screen, press and hold the Speed Dial number (1 through 9) assigned to the phone number you want to call.

Using One Touch PTT



One Touch PTT sets your phone to call the most recent Private ID on the recent calls list, or to a Private ID you choose, every time you press the PTT button. See “Setting One Touch PTT” on page 67.


Using Speakerphone

Note: This feature may not be offered by your service provider.

Turning on speakerphone makes incoming sound come out of the phone’s speaker instead of the earpiece. Speakerphone is available whenever you are on an active call.

To turn speakerphone on or off:

- Press  under **Speaker**. -or-
- Press .

When speakerphone is on, **Spkrphone On** appears in the text area of the display. When speakerphone is off, this icon  appears.

Using Mute

Muting calls lets you listen to incoming sound without transmitting sound. Mute is available whenever you are on an active call.

To turn mute on:

- Press  under **Mute**.

While mute is on, **Unmute** appears as a display option.

To turn mute off:

Press  under **Unmute**.

Making Emergency Calls

Your phone supports emergency calling. Emergency calls can be made even when your SIM card is blocked or not in your phone.

Dial 911 to be connected to an emergency response center. If you are on an active call, you must end it before calling 911.

When you make an emergency call, your phone's GPS Enabled feature can help emergency service personnel find you, if you are in a location where your phone's GPS antenna has established a clear view of the open sky and your local emergency response center has the equipment to process location information. See "GPS Enabled" on page 51, and particularly "IMPORTANT: Things to Keep in Mind" on page 51 and "Making an Emergency Call" on page 52, for more information on the limitations of this feature. Because of the limitations of this feature, always provide your best knowledge of your location to the emergency response center when you make a 911 call.

Important: Emergency calls cannot be placed while the keypad is locked.

Important: If you have not registered on the network, emergency calls cannot be placed while your SIM card is in your phone.

Making Calls

Recent Calls

The recent calls list stores the numbers of the 20 most recent calls you have made and received.

To view the recent calls list:

- 1 From the idle screen, press the down arrow on the navigation key. **-or-**

From the main menu, select **Recent Calls**.


- 2 Scroll through the list.


If the number of a recent call is stored in Contacts, the name associated with the number appears on the recent calls list.

An icon appears beside the name or number indicating the Contacts type of the number used in the call. See “Contacts” on page 25.

For phone calls, an icon appears to the left of the name or number giving more information about the call:

 A call you made.

 A call you received.


 A missed call. Missed calls appear on the recent calls list only if you have Caller ID.

Tip: The recent calls list also stores call alerts you have received. They appear as Private calls.

To get more information on a recent call:

- 1 From the recent calls list, scroll to the call you want information on.

- 2 Press  under **View**. **-or-**


If **View** is not one of your options: Press . Select to **View**.


This displays information such as the name associated with the call, the number, the date, time, and duration of the call.


Storing Recent Calls to Contacts

- 1 From the recent calls list, scroll to the call you want to store.



- 2 Press  under **Store**. **-or-**

If **Store** is not one of your options: Press . Select **Store**.

- 3 To store the number as a new entry, press  under **Select**. **-or-**



To store the number in an existing entry: Scroll to the entry. Press  under **Change**.

Recent Calls



- 4 Scroll left or right to the Contacts type you want to assign the number.
- 5 Press  under **Select**.
- 6 If you want to add more information to the entry, follow the applicable instructions in “Creating Entries” on page 27.
- 7 Press  under **Done**.

Deleting Recent Calls

To delete a call:

- 1 From the recent calls list, scroll to the call you want to delete.
- 2 Press .
- 3 Select **Delete**.
- 4 Press  under **Yes** to confirm.

To delete all calls:

- 1 From the recent calls list, press .
- 2 Select **Delete All**.
- 3 Press  under **Yes** to confirm.

Call Alerts


Sending a call alert lets the recipient know you want to talk to him or her on a Private call.

When you send a call alert, the recipient's phone emits a series of beeps and displays your Private ID.

The recipient can:

- Answer — begin a Private call with the sender
- Queue — store the call alert to the call alert queue, which is a list of call alerts
- Clear — dismiss and delete the call alert


Sending Call Alerts


- 1 Enter the Private ID you want to send to, as you would when making a Private call.
- 2 Press  under **Alert**. **Ready to Alert** appears on the display.
- 3 Press and hold the PTT button until **Alert Successful** appears on the display.

Receiving Call Alerts

When you receive a call alert, you must answer, queue, or clear it. You cannot receive phone calls or Private calls until you do.

To answer a call alert, press the PTT button to make a Private call to the sender.

To queue a call alert, press  under **Queue**.

To clear a call alert, press  under **Clear**.

Using the Call Alert Queue


When you queue a call alert, it remains in the call alert queue until you respond to it, or delete it.

Viewing Call Alerts

- 1 From the main menu, select **Call Alerts**.
- 2 Scroll through the list.

Viewing Date and Time

To view the date and time a call alert was received:

- 1 From the main menu, select **Call Alerts**.
- 2 Scroll to the call alert you want information on.
- 3 Press .
- 4 Select **View**.

Responding to Call Alerts in the Queue

After you queue a call alert, you can respond to it by making a Private call to the sender or sending a call alert to the sender. This call alert is then removed from the queue.

Call Alerts

Making a Private Call to the Sender

- 1 From the main menu, select **Call Alerts**.
- 2 Scroll to the call alert you want to respond to.
- 3 Press and hold the PTT button to begin the call.

Sending a Call Alert to the Sender

- 1 From the main menu, select **Call Alerts**.
- 2 Scroll to the call alert you want to respond to.
- 3 Press \odot under **Alert. Ready to Alert** appears on the display.
- 4 Press and hold the PTT button until **Alert Successful** appears on the display.

Deleting Call Alerts

To delete a call alert from the queue:

- 1 From the call alert queue, scroll to the call alert you want to delete.
- 2 Press \mathbb{B} .
- 3 Select **Delete**.
- 4 Press \odot under **Yes** to confirm.

To delete all call alerts from the queue:

- 1 From the call alert queue, press \mathbb{B} .
- 2 From the call alert menu, select **Delete All**.
- 3 Press \odot under **Yes** to confirm.

Sorting Call Alerts

To sort call alerts by the order they were received:

- 1 From the main menu, select **Call Alerts**.
- 2 Press \mathbb{B} .
- 3 Select **Sort By**.
- 4 Scroll to **First on Top** or **Last on Top**.
- 5 Press \odot under **Select**.

Contacts












Contacts stores up to 600 numbers or addresses. Each Contacts entry can store several numbers or addresses.

Information stored in Contacts is saved on your SIM card. If you move your SIM card to another SIM-based Motorola phone, you can access information stored in Contacts from that phone.

A Contacts entry contains:


- A name — A name is required if you are storing more than one number or address to the entry; otherwise, it is optional. Typically, this is the name of the person whose contact information is stored in the entry.
- A ring tone — You can assign a ring tone to ring when you get calls from the person whose contact information is stored in the entry.
- A number or address — Each Contacts entry must contain a number or address. This may be any type of phone number, Private ID, Talkgroup number, email address, or IP address.

- A Contacts type — Each number or address stored must be assigned a Contacts type:

	Mobile	phone number
	Private	Private ID
	Work1	phone number
	Work2	phone number
	Home	phone number
	email	email address
	Fax	phone number
	Pager	phone number
	Talkgroup	Talkgroup number
	IP	IP address
	Other	phone number

- A Speed Dial number — When you store a phone number, it is assigned a Speed Dial number. You can accept the default Speed Dial number or change it.

Contacts

- A voice name — If you create a voice name for a number, you can then dial that number by saying the voice name into your phone. This icon appears  to the left of the Contacts type icon if a voice name is assigned.

Note: This feature may not be offered by your service provider.

Viewing Contacts






To access Contacts:

From the main menu, select **Contacts**. -or-

Press  under **Contcs**. -or-

If you are on a call: Press . Select **Contacts**.

To view entries:



- 1 From the Contacts list, scroll to the entry you want to view.
- 2 If an entry has more than one number or address stored,   surrounds the Contacts type icon to the right of the entry. Scroll left or right to view icon for each number stored in the entry.
- 3 When the icon for the number or address you want to view is displayed, press  under **View**. -or-
If **View** is not one of your options: Press . Scroll to **View**. Press  under **Select**.

- 4 Scroll to view the other numbers and addresses stored for the entry.

Tip: To view more entries, keep scrolling.

Searching for a Name



To search for a name in Contacts:

- 1 From the Contacts list, press .
- 2 Select **Search**.
- 3 Enter the name you want to see. See “Entering Text” on page 75.
- 4 Press  under **Ok**.


Your phone finds the name you entered or the nearest match.

Showing Only Private IDs and Talkgroups

To set Contacts to show only entries that contain Private IDs and Talkgroup entries:

- 1 From the Contacts list, press .
- 2 Select **Filter**.
- 3 With **Show Prvt/Grp** highlighted, press  under **Select**.

To set Contacts to show all entries:

- 1 From the Contacts list, press .
- 2 Select **Filter**.

- 3 Scroll to **Show All**.
- 4 Press \odot under **Select**.

Creating Entries

A number or address and a Contacts type are required for all Contacts entries. Other information is optional. You may enter the information in any order by scrolling through the entry details.

After you have entered the number or address, Contacts type, and any other information you want, you can press \odot under **Done** to save the entry to Contacts.

To cancel a Contacts entry at any time press, \leftarrow to return to the idle screen.

Tip: In some fields that require you to enter information, you can begin entering the information from the keypad instead of pressing \odot under **Change**.

To create a Contacts entry:

- 1 To access the entry details screen:
 - Select **Contacts > [New Contact]**. -or-
 - From the Contacts list, press \rightarrow . Scroll to **New**. Press \odot under **Select**.
- 2 If you want to assign a name to the entry:

With the **Name** field highlighted, press \odot under **Change**.


Enter the name. See “Entering Text” on page 75. When you are finished, press \odot under **Ok**.

- 3 If you want to assign a ring tone to the name:
 - With the **Ringer** field highlighted, press \odot under **Change**.
 - Scroll to the ring to you want to assign.
 - Press \odot under **Ok**.

- 4 To assign a Contacts type to the number or address being stored:
 - With the Contacts type field highlighted, press \odot under **Change**.
 - Scroll to the Contacts type you want to assign. Press \odot under **Select**.

- 5 To store a number or address:
 - With the **#** (or **ID** for an email address, or **IP** an IP address) field highlighted, press \odot under **Change**.
 - Enter the number or address. For phone numbers, use the 10-digit format. For email addresses, see “Entering Text” on page 75.
 - When you are finished, press \odot under **Ok**.

Contacts


- 6 If you want assign more options to the number, press  under **Change** with the **[Options]** field highlighted. See “Assigning Options” on page 28.
- 7 If you want to add more numbers or addresses to the entry:

Scroll past the information you already entered.


Enter the additional information for the number using step 2 through step 6. You must assign a name to the entry, if you have not already.


- 8 Press  under **Done**.

Assigning Options


- 1 If you have not already, press  under **Change** with the **[Options]** field highlighted
- 2 The default Speed Dial number assigned to a phone number is displayed in the **Speed #** field. This is always the next available Speed Dial location.


If you want to assign the phone number to a different Speed Dial location:

With the **Speed #** field highlighted, press  under **Change**.


Press  under **Delete** to delete the current Speed Dial number.

Enter the new Speed Dial number using the keypad.

- 1 When you are finished, press  under **Ok**.
- 3 If you want to create a voice name for a phone number:

With the **Voice Name** field highlighted, press  under **Record**.

As directed by the screen prompts, say and repeat the name you want to assign to the number. Speak clearly into the microphone.



- 4 When you are finished assigned options, press  under **Back**.


Storing Numbers Faster

- 1 To store numbers to Contacts from the recent call list, see “Storing Recent Calls to Contacts” on page 21.

To store numbers to Contacts from Memo, see “Memo” on page 73.

To store numbers to Contacts from the idle screen:

- 1 Use the keypad to enter the number you want to store.
- 2 Press .
- 3 Select **Store Number**.
- 4 To store the number as a new entry, press  under **Select. -or-**

To store the number in an existing entry: Scroll to the entry. Press  under **Select**.

- 5 Scroll left or right to the Contacts type you want to assign the number.
- 6 Press \odot under **Select**.
- 7 Press \odot under **Done**.

Editing Entries

- 1 From the Contacts list, scroll to the entry you want to edit.
- 2 Press D .
- 3 Select **Edit**. The entry details screen displays.
- 4 Follow the applicable instructions in “Creating Entries” on page 27 to edit the various fields.

Deleting Entries

Delete an Entry

- 1 From the Contacts list, scroll to the entry you want to delete.
- 2 Press D .
- 3 To delete the entire entry, scroll to **Delete Contact**.
- 4 Press \odot under **Select**.
- 5 Press \odot under **Yes** to confirm.

Delete a Number or Address

- 1 From the Contacts list, scroll to the entry that contains the number or address you want to delete.
- 2 Press D .
- 3 Scroll to display the number you want to delete.
- 4 Scroll to **Delete Number**.
- 5 Press \odot under **Select**.
- 6 Press \odot under **Yes** to confirm.

Deleting All Entries From Contacts

- 1 From the Contacts list, press D .
- 2 Scroll to **Delete All**.
- 3 Press \odot under **Select**.
- 4 Press \odot under **Yes** to confirm.

Checking Capacity

To see how many numbers are stored in Contacts:

- 1 From the Contacts list, press D .
- 2 Select **Capacity**.

Contacts

Creating Pauses and Waits

When storing a number, you can program your phone to pause or wait between digits while dialing. A pause makes your phone pause for 3 seconds before dialing further. A wait makes your phone wait for your response before dialing further.

This feature is useful when using voice mail or other automated phone systems that require you to dial a phone number and then enter an access number.

To program a pause:

Press and hold ***->** until the letter P appears. The P represents a 3-second pause.

If you store 17035551235P1234, when you select this number and make a call, your phone dials the first 11 digits, pauses for 3 seconds, then dials the last 4 digits.

If you want a pause longer than 3 seconds, press and hold ***->** more than once. Each P represents a 3-second pause.

To program a wait:

Press and hold ***->** until the letter W appears. The W means your phone waits here before dialing further.

If you store 17035551235W1234, when you select this number and make a call, your phone dials the first 11 digits and then waits. A message appears asking if you want to send the rest of the digits. Press **ⓘ** under **Yes** to dial the last 4 digits.

Tip: You can create pauses and waits while dialing a number from the keypad. See “Creating Pauses and Waits While Dialing” on page 67.

International Numbers

When storing number that you plan to use for international calls, use Plus Dialing:

- 1 Press and hold **0+>** for two seconds. A “0” appears, then changes to a “+”.

Note: The network translates the “+” into the appropriate international access code needed to place the call.

- 2 Enter the country code, city code, or area code, and phone number.

Accessing Contacts with GSM Phones

If you plan to use the information stored in Contacts with an *i2000*, *i2000plus*, or any other GSM phone, you must purchase CompanionPro. Go to www.motorola.com/iden or your service provider's web site for more information.

You can use CompanionPro to make the Contacts information saved to your *i205* phone's SIM card accessible in this type of phone.

Contacts







Call Forwarding

Call forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or forward missed calls to different numbers depending on the reason you missed the call.

You can forward phone lines 1 and 2 independently.








Forwarding All Calls

When you set your phone to forward all calls, an icon appears in the top row of the display:


-  Phone line 1 is active; calls to phone line 1 are being forwarded.
-  Phone line 1 is active; calls to phone line 2 are being forwarded.
-  Phone line 1 is active; calls to phone lines 1 and 2 are being forwarded.
-  Phone line 2 is active; calls to phone line 1 are being forwarded.
-  Phone line 2 is active; calls to phone line 2 are being forwarded.
-  Phone line 2 is active; calls to phone lines 1 and 2 are being forwarded.

All your calls are forwarded to the same number.

To forward all calls:




- 1 From the main menu, select **Call Forward**.
- 2 Press  under **Change**.
- 3 Select **All Calls**.
- 4 Scroll to **To**.
- 5 Press  under **Change**.
- 6 If you specified a forwarding number for all calls before, this number displays. Press  under **Change**.
 - To forward calls to this number, press  under **Ok**.
-or-
To delete to this number, press and hold  under **Delete**.
- 7 To enter the number you want to forward calls to:
Enter the number using your keypad. **-or-**
Press  under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. Enter the number from Contacts, the Recent Calls list, or Memo, as you would when making a call.
- 8 Press  under **Ok**.
All your calls are now forwarded to the number you specified.

Call Forwarding

Tip: In some fields, you can select an option by scrolling left or right instead of pressing  under **Change**.

Turning Off Call Forwarding

If you don't want all your calls forwarded, turn the feature off:

- 1 From the main menu, select **Call Forward**.
- 2 Press  under **Change**.
- 3 Select **All Calls**.
- 4 Scroll to **To**.
- 5 Press  under **Change**.
- 6 Scroll to **Off**.
- 7 Press  under **Select**.

All your calls are now sent to your phone.

Calls you miss are forwarded according to the options set for missed calls. By default, missed calls are forwarded to voice mail.

Forwarding Missed Calls




You can specify a forwarding number to each type of missed call:


- **If Busy** — Your phone is on a call or transferring data.


- **If No Answer** — You do not answer on the first 4 rings.
- **If Unreachable** — Your phone is out of coverage or powered off.

Note: If you want a type of missed calls sent to voice mail, the call forwarding number for that type of missed calls must be your voice mail access number.

To forward missed calls:


- 1 From the main menu, select **Call Forward**.
- 2 Press  under **Change**.
- 3 Select **Detailed**.
- 4 Scroll to **If Busy** to specify a forwarding number for calls received when your phone is busy.
- 5 Press  under **Change**.
- 6 If you specified a forwarding number for this type of calls before, this number displays. Press  under **Change**.

To forward calls to this number, press  under **Ok** and go to step 9. **-or-**

To delete to this number, press and hold  under **Delete**.


- 7 To enter the number you want to forward this type of calls to:

Enter the number using your keypad. **-or-**

Press  under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. Enter the number from Contacts, the Recent Calls list, or Memo, as you would when making a call.

8 Press  under **Ok**.



9 Repeat step 4 through step 8 for **No Answer** and **If Unreachable**.


When you are finished, press  under **Exit**.


Call Forwarding

Ring Tones

To set the ring tone your phone makes when you receive phone calls, message notifications, or call alerts:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **Vibrate All** or **SilentAll** is set to **Off**.
- 3 Scroll through the list of ring tones to the one you want to assign. Highlighting a ring tone lets you hear it.
- 4 Press  under **Assign**.
- 5 Scroll to the feature you want to assign the ring tone to.
- 6 Press  under **Select**.

Tip: A checkmark next to a feature means the current ring tone has been assign to it. To remove the assignment: Scroll to the feature. Press  under **Select**.

- 7 To assign the ring tone to other features, repeat step 5 through step 6.
- 8 When you are finished, press  under **Done**.

To hear the ring tone you have selected:

Press the volume keys on the side of your phone.

Turning Ring Tones Off


You can set your phone to make no sound when you receive all phone calls, Private calls and group calls, messages notifications, and call alerts. If your phone includes the vibrate feature, this sets your phone to vibrate instead of making a sound.

- 1 From the main menu, select **Ring Tones > Vibrate All**.
- 2 Scroll left or right to set **Vibrate All** to **On**.


Note: This feature may not be offered by your service provider.

If your phone does not include a vibrate feature, you can still set it to make no sound:

- 1 From the main menu, select **Ring Tones > SilentAll**.
- 2 Scroll left or right to set **SilentAll** to **On**.

This icon  appears in the upper right of your display.


To set your phone to make no sound for some features but not others:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **Vibrate All** or **SilentAll** is set to **Off**.
- 3 Scroll through the list of ring tones to **Vibrate** or **Silent**.
- 4 Press  under **Assign**.

Ring Tones

5 Scroll to the feature you want to set to make no sound.

Note: To set ring options for Private calls and group calls, see “Setting Your Phone to Not Ring” on page 79.

6 Press  under **Select**.

7 To assign Vibrate or Silent to another feature, repeat step 5 through step 6.

8 When you are finished, press  under **Done**.


Assigning Ring Tones to Contacts

You can set the ring tone your phone makes when you receive phone calls, message notifications, or call alerts from someone you have stored in Contacts.

1 From the main menu, select **Ring Tones**.

2 Make sure **Vibrate All** or **SilentAll** is set to **Off**.

3 Scroll through the list of ring tones to the one you want to assign. Highlighting a ring tone lets you hear it.

4 Press  under **Assign**.

5 Select **A Contact**.

6 Scroll to the Contacts entry to want to assign the ring tone to.

7 Press  under **Select**.

Viewing Ring Tone Assignments

1 From the main menu, select **Ring Tones**.

2 Press .

3 Select **Overview**.

4 Scroll to view ring tones assigned to features and Contact entries.

Downloading More Ring Tones

If you want to use other ring tones, you can download them into your phone. Go to www.motorola.com/idenupdate for a selection of custom ring tones and downloading instructions.

Note: Ring tones purchase from this web site may be downloaded only once. If you delete a ring tone from your phone, you must purchase it again to download it again.

Managing Memory

To view the amount of memory available for custom ring tones:

1 From the main menu, select **Ring Tones**.

2 Press .

3 Select **Memory Usage**.

Deleting custom ring tones frees memory.

Note: Ring tones are stored in your phone using the same memory space used to store voice records (see “Voice Records” on page 61), Deleting voice records frees memory space for ring tones.

Deleting Custom Ring Tones

To delete a custom ring tone:

- 1 From the main menu, select **Ring Tones**.
- 2 Scroll to the ring tone you want to delete.
- 3 Press **Ⓜ**.
- 4 Select **Delete**.
- 5 Press **Ⓞ** under **Yes** to confirm.

Ring Tones

Messages

To access your voice mail messages, text and numeric messages, Net alerts, and any other types of messages you are able to receive, go to the message center:

- 1 From the main menu, select **Messages**. -or- Press \odot under **Mesg**.
- 2 Scroll to the type of message you want to access.
- 3 Press \odot under the display option on the left.

The message center shows how many messages you have of each type. You can listen to, read, or delete these messages.

Message Notifications

When you receive a message, your phone notifies you with text on the display and a notification tone. You can access the message or dismiss the notification.

If you dismiss the notification, the message is not deleted. It can be accessed through the message center.

If you are not on a phone call when you receive a message, your phone sounds a notification tone every 30 seconds until you access the message or dismiss the alert.

If you are on a call when you receive a message, your phone may sound a notification tone during the call or after you end the call, depending on how you set your notification options.

Setting Notification Options

To control whether your phone sounds message notification tones while you are on phone calls:

- 1 From the main menu, select **Settings > Phone Calls > Notifications**.
- 2 Choose the option you want:
 - **Receive All** — Tones sound during calls for all types of messages.
 - **Msg Mail Only** — Tones sound during calls for mail messages; tones for all other types of messages are held until you end calls.
 - **Delay All** — Tones for all types of messages are held until you end calls.
- 3 Press \odot under **Select**.
Tip: To set notifications options during a call: Press D . Select **Notifications**.


Voice Mail

Note: To receive voice mail messages, you must first set up a voice mail account with your service provider.



Messages

When you receive a voice mail message, **New Voice Mail Message** appears on the display.

To call your service provider's voice mail system and listen to the message:

Press  under **Call**.


To dismiss the message notification:

Press  under **Exit**. This icon  appears on the display, reminding you that you have a new message.

Sending Unanswered Calls to Voice Mail

To send a phone call to voice mail instead of answering it:

Press  under **No**.

If the caller leaves a message, this icon  appears on the display, reminding you that you have a new message.


Text and Numeric Messages

The phone's display refers to text and numeric messages as Text Messages.

These messages can be up to 140 letters or 20 digits long. You can store up to 16 of these messages. Each message is stamped with the date and time it was left.

If your phone is powered off when you receive a messages, your phone notifies you when it is next powered. If you are out of your coverage area, your phone alerts you when you return to your coverage area.




Your phone attempts to deliver these messages for up to 7 days.

Tip: While reading a text and numeric message that contains a phone number, you can press  to call that number.



Receiving a Message

When you receive a text and numeric message, **New Text Message** appears on the display.




To view the message:

- 1 Press  under **Read**.
- 2 If the message fills more than one screen, scroll to read it.
- 3 To keep the message, press  under **Save**. **-or-**
To delete the message, press  under **Delete**.

To dismiss the message notification:

Press  under **Exit**. This icon  appears on the display, reminding you that you have a new message.

Reading From the Message Center

- 1 From the message center, select **Text Msgs**.
- 2 Scroll to the message you want to read.
- 3 Press  under **Read**.
- 4 If the message fills more than one screen, scroll to read it.
- 5 To keep the message, press  under **Save**. -or- To delete the message, press  under **Delete**.


Net Alerts

Note: This feature may not be offered by your service provider.

Net alerts are text and numeric messages sent from:

- Your i205 phone
- A web site provided by your service provider
- Any email application

When you receive a Net alert, a notification appears on the display.

If you dismiss the notification, this icon  appears on the display, reminding you that you have a new message.

Messages

Mobile Originated Text Messaging

With mobile originated text messaging, you can send and receive short text messages to and from other iDEN phones. Messages you receive appear on your phone's display and in the text message inbox. You access these messages through the message center. See "Messages" on page 41.

Note: This feature may not be offered by your service provider.

Setting Up

Before you begin using mobile originated text messaging, you must set up your signature, service center number, and expiration information:

- 1 From the main menu, select **Messages > Text Inbox**.
- 2 Press **D**.
- 3 Select **Text Msg Setup**.
- 4 With the **Signature** field highlighted, press **⊙** under **Change**.

Enter your signature. It may be up to 11 characters long. See "Entering Text" on page 75. When you are finished, press **⊙** under **Ok**.

- 5 With the **SrvC Cntr No** field highlighted, press **⊙** under **Change**.

Enter the phone number of your service center. If you do not know this number, contact your service provider.

Note: You must use the "+" dialing code and country code as part of the service center number. If the service center number is not preceded by a "+" sign and country code, the message will not be sent successfully. The network returns an error message to your phone.

When you are finished, press **⊙** under **Ok**.

- 6 With the **Expire After** field highlighted, press **⊙** under **Change**.

This is the amount of time messages you send are saved if they cannot be delivered. After this period, they are discarded.

Scroll or press **⊙** under **->** to change field.

When you are finished, press **⊙** under **Done**.

- 7 Press **⊙** under **Back** to save the information you entered.

Receiving Messages

When you receive a message, your phone notifies you as it would with any other type of message. See “Message Notifications” on page 41.

To view the message:

Press \odot under **Read**.

To dismiss the message notification:

Press \odot under **Exit**.

Reading Messages From the Message Center

- 1 From the main menu, select **Message > Text Inbox**.
- 2 Scroll to the message you want to read.
- 3 Press \odot under **Read**.
- 4 If the message fills more than one screen, scroll to read it.
- 5 To keep the message, press \odot under **Save**. -or- To delete the message, press \odot under **Delete**.

Tip: To see more choices, including replying to the message, press D .

Your text inbox holds up to 16 messages. Each message can be up to 160 characters long.

Creating and Sending Messages

- 1 From the main menu, select **Messages > Text Inbox > [Create Msg]**. -or-

From the main menu, select **Messages > Text Outbox > [Create Msg]**.

- 2 Press \odot under **Create**.
- 3 To address the message:

Use the keypad to enter the phone number of the person you want to send the message to. -or-

Press \odot under **Browse**. Select **Contacts**, **Recent Calls**, or **Memo**. Enter the number from Contacts, the recent calls list, or Memo, as you would when making a call.

When you are finished, press \odot under **Ok**.

- 4 Enter the text of the message. See “Entering Text” on page 75. -or-

To use a quick note: Press \odot under **Browse**. Scroll to the quick note you want. Press \odot under **Select**.

If you want to add your signature: Press D . Select **Add Signature**.

When you are finished, press \odot under **Ok**.

- 5 If you want to send the message, press \odot under **Yes**. -or-

If you want to request confirmation of delivery, specify the type of messages you want to send, save the message as a draft, or delete the message without sending it, press \odot under **No**.

- 6 If you want to request confirmation of delivery: With the **Report** field highlighted, press \odot under **Change**. Select **Yes**.

- 7 If you want to specify the type of messages you want to send:

With the **Send As** field highlighted, press \odot under **Change**. Scroll to the message type you want. Press \odot under **Select**.

- 8 To send the message: Press ⌘ . Press \odot under **Yes**. -or-

To save the message as a draft without sending it: Press ⌘ . Scroll to **Save As Draft**. Press \odot under **Select**. -or-

To delete the message without sending it: Press ⌘ . Scroll to **Delete**. Press \odot under **Select**.

Tip: In some fields, you can select an option by scrolling left or right instead of pressing \odot under **Change**.

Using Quick Notes

Quick notes are short, pre-written text messages that you can create, edit, and send. You can store up to 20 quick notes. A quick note may be up to 30 characters long.

To create a quick note:

- 1 From the main menu, select **Messages > Quick Notes > [New Quick Note]**.

- 2 Press \odot under **Create**.

Enter text. See “Entering Text” on page 75. -or-

To choose from pre-installed notes: Press \odot under **Browse**. Scroll to the note you want. Press \odot under **Select**.

- 3 Press \odot under **Store**.

Tip: For more options, including sending the quick note, press ⌘ .

Using Drafts

When you save a message as a draft, it is saved in the drafts folder. You must have a draft saved to have a drafts folder.

To edit a draft:


- 1 From the main menu, select **Messages > Drafts Folder**.

- 2 Press \odot under **Change**.

Mobile Originated Text Messaging

- 3 To edit the fields you want to change, follow step 3 through step 8 in “Creating and Sending Messages” on page 46.






If you have a draft saved, you can create more drafts in the drafts folder:

- 1 From the main menu, select **Messages > Drafts Folder > [Create Msg]**.
- 2 Press  under **Create**.
- 3 Follow step 3 through step 7 in “Creating and Sending Messages” on page 46.
- 4 Scroll to **Save As Draft**.

Using the Outbox

Messages you have sent are stored in the outbox.

These icons appear next to messages in the outbox:



-  Sent and confirmed.
-  Send attempted.
-  Forwarded.
-  Received by addressee.
-  Not received by addressee.
-  Send failed.

 Re-sent.

 Locked.



Resending Messages

To resend a message:


- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to resend.
- 3 Press .
- 4 Select **Re-send**.
- 5 Press  under **Yes** to confirm.

Deleting Sent Messages

To delete a sent message:

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to delete.
- 3 Press .
- 4 Select **Delete**.
- 5 Press  under **Yes** to confirm.

To delete all unlocked sent messages:

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Press .

- 3 Select **Delete All**.
- 4 Press \odot under **Yes** to confirm.

Locking Sent Messages

When you lock a message, it cannot be deleted until you unlock it.

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to lock or unlock.
- 3 Press D .
- 4 Scroll to **Lock** to lock the message. **-or-**
Scroll to **Unlock** to unlock the message.
- 5 Press \odot under **Select**.

Managing Memory

Your text inbox, outbox, and drafts folder have a set amount of memory available for storing message.

The text inbox holds 16 messages of up to 160 characters. If the text inbox is full, you cannot receive messages until you delete some.

The outbox and drafts folder share memory space. Together they can hold 20 messages. If the outbox and drafts folder memory is full, you cannot send messages or save drafts until you delete some.

To view the amount of memory available in your text inbox:

- 1 From the main menu, select **Messages > Text Inbox**.
- 2 Press D .
- 3 Select **Memory Meter**.

To view the amount of memory available in your outbox and drafts folder:

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Press D .
- 3 Select **Memory Meter**.

Mobile Originated Text Messaging

GPS Enabled

Your phone's GPS Enabled feature uses information from Global Positioning System (GPS) satellites orbiting the Earth to determine the approximate geographical location of your phone, expressed as latitude and longitude. The availability and accuracy of this location information (and the amount of time that it takes to calculate it) will vary depending on the environment in which you are using the GPS feature. For example, GPS location fixes are often difficult to obtain indoors, in covered locations, between high buildings, or in other situations where you have not established a clear broad view of the sky. **SEE: "IMPORTANT: Things to Keep in Mind" on page 51.**

When you make a 911 emergency call, the GPS feature of your phone can help emergency personnel locate you if your phone has adequate access to GPS satellite signals and your emergency response center is equipped to process such information.

You can also use the GPS feature to view your approximate location. Location information appears on the phone's display.

Java applications loaded on your phone can also request your location. If your phone is connected to a laptop computer or similar device, software running on that device can request your location. To protect your privacy, you can control whether these requests are granted.

IMPORTANT: Things to Keep in Mind

If you are using the GPS feature of your phone while driving, please give full attention to driving and to the road.

Where adequate signals from multiple satellites are not available (usually because your GPS antenna cannot establish a view of a wide area of open sky), **the GPS feature of your phone WILL NOT WORK. Such situations include but are not limited to:**

- **In underground locations**
- **Inside of buildings, trains, or other covered vehicles**
- **Under any other metal or concrete roof or structure**
- **Between tall buildings or under dense tree-cover**
- **Near a powerful radio or television tower**

GPS Enabled

- When your GPS antenna is covered (for example, by your hand or other object) or facing the ground
- In temperature extremes outside the operating limits of your phone

Walking or driving very slowly may also substantially reduce GPS performance.

Even where location information can be calculated in such situations, it may take much longer to do so, and your location estimate may not be as accurate. Therefore, in any 911 call, always report the location to the emergency response center if you can and if you cannot, remain on your phone for as long as the emergency response center instructs you.

Even where adequate signals from multiple satellites are available, your GPS feature will only provide an approximate location, often within 150 feet (45 meters) but sometimes much further from your actual location. Advice on how to improve GPS performance is provided in “Enhancing GPS Performance” on page 54.

While the GPS feature of your phone can be a valuable navigational aid, it does not replace the need for careful navigating and good judgment. **Never rely solely on one device for navigation.** Remember that the accuracy of the location

information and the time needed to obtain it will vary depending on circumstances, particularly the ability to receive signals from adequate numbers of satellites.

On emergency calls, your phone uses assistance information from the phone network to improve the speed and accuracy of your phone's location calculation: if such assistance information becomes unavailable, it may reduce the speed and accuracy of the location calculation.

The satellites used by the GPS feature of your phone are controlled by the U.S. government and are subject to changes implemented in accordance with the Department of Defense GPS user policy and the Federal Radionavigation Plan. These changes may affect the performance of the GPS feature of your phone.

Making an Emergency Call

Dial 911 to be connected to an emergency response center. If you are on an active call, you must end it before calling 911.

When you make an emergency 911 call, the GPS feature of your phone begins to seek information to calculate your approximate location. **It will take the GPS feature of your phone some time to determine your approximate location.** Even where your phone has good access to sufficient GPS

satellite signals and network assist data, it may take 30 seconds or more to determine the approximate location. This time will increase where there is reduced access to satellite signals. When your approximate location is determined, it is made available to the appropriate emergency response center.

In some cases, your local 911 emergency response center may not be equipped to receive GPS location information. For this reason, and because the GPS location information reported is only approximate or may not be available in your location (see “IMPORTANT: Things to Keep in Mind” on page 51), **always report your location to the 911 operator** you speak to when making an emergency call, if able, just as you would when using a phone without GPS capabilities.

Note: If you are concerned about whether your local 911 emergency response center is equipped to receive GPS location information, contact your local authorities.

In general, if your phone has access to signals from more GPS satellites, your location will be determined faster and more accurately than if your phone has access to signals from fewer GPS satellites.

If your phone does not have adequate access to GPS satellites signals, the location of the nearest cell tower in contact with your phone is automatically made available to the emergency response center, if the center has the capability to receive such information.

See “Enhancing GPS Performance” on page 54 for information on how to help your phone determine your location.

Viewing Your Approximate Location

- 1 From the main menu, select **GPS > Position**.
- 2 Scroll to view the entire screen.

This displays the following information about the last time your location was calculated:

- The time (as Greenwich Mean Time) and date that the location was last calculated
- The approximate location, expressed as latitude and longitude
- The estimated accuracy of the calculated location. This estimate of accuracy is only a very rough estimate and may vary substantially from the actual accuracy of the approximate location information reported.

GPS Enabled

- The number of satellites used to calculate the location. In general, more satellites make for better accuracy.


To calculate your location again:


Press  under **Rfrsh**.

It may take your phone several minutes to complete the process of determining your location. During this time, a message usually appears on your phone's display saying your phone is scanning for satellites. For tips on getting the best location calculation, see "Enhancing GPS Performance" on page 54.

The **Position** screen displays the updated information.

To cancel a location calculation before it is completed:

Press  under **Cancel** to return to the **Position** screen. **-or-**

Press  to return to the idle screen.

Each time approximate location of your phone is calculated, the latest location information is stored in your phone and remains there even when your phone is powered off. You will see this information the next time you view the **Position** screen.

If you received a phone call or alert while attempting to determine your location, the **Position** screen will disappear, but your phone will continue attempting to determine its location. If it is successful, the new location information will be displayed the next time you view the **Position** screen.

Enhancing GPS Performance

Sometimes the GPS feature of your phone may be unable to complete a location calculation successfully. If this happens when you are making an emergency call, the location of the nearest cell tower in contact with your phone is made available to the appropriate emergency response center if the center has the capability to receive such information. If this happens when you are trying to view your location on the phone's display, you will see a message indicating that your phone cannot access satellites.

To improve accuracy and increase your chances of a successful calculation, do the following while your phone is determining your approximate location:

- Stay in the open. The GPS feature works best where there is nothing between your phone and a large amount of open sky. If possible, go outside, away from tall buildings and foliage. While performance in a building is improved by moving closer to windows, glass with certain sun shielding films may block satellite signals.

- Hold your phone to enhance reception. Signals from GPS satellites are transmitted to your GPS antenna, which is inside the back of your phone, opposite the earpiece, behind the label with your service provider's name on it. Hold your phone away from your body, giving the antenna clear access to satellite signals. Do not cover the antenna area with your fingers or anything else.



- Stand still. If possible, stand still until your phone is finished determining your location. Moving your phone at a walking pace while your phone is calculating your approximate location may substantially decrease GPS performance.

- In a car. When using the GPS Enabled feature in a car, position your phone so that the GPS antenna has good access to GPS signals through the car's windows. Typically, the GPS antenna has best access to GPS signals in a car when placed near a window.

Note: Although moving your phone at a walking pace decreases GPS performance, moving it at the speed of a moving car does not.

- Stay in network coverage. Depending on who your service provider is, the network will provide your phone with information that helps determine your location more quickly and accurately.

Updating Satellite Almanac Data

- Another way to keep the GPS feature of your phone working well is to keep your satellite almanac data up to date.

The United States government maintains an almanac of data about where GPS satellites are as they orbit the Earth. This information is available to your phone. Keeping your satellite almanac up to date helps your phone determine your location more quickly.

GPS Enabled

The almanac contains information about the location of satellites, their operational status, and other satellite information. Keeping this information updated enhances the performance of your GPS feature. In most cases, your phone will be able to get a fix in strong satellite signal conditions with outdated almanac data, but it may take longer.

Note: When you make an emergency call, your phone does not rely upon the almanac to determine your location.

If your satellite almanac data is out of date, your phone may prompt you to update it. Follow the instructions that appear on the phone's display. You may be asked to go to a web site or call a customer care number.

Setting Privacy Options


Your phone's GPS privacy options control whether Java applications on your phone or other software applications may view the location of your phone. You may set your phone to one of these GPS privacy options:

- **Restricted** — No Java or similar software applications may view the location of your phone. However, location information may still be available to the phone's owner, fleet manager, or account administrator.

- **Unrestricted** — All applications may view the location of your phone, without notifying you.
- **By Permission** — When an application attempts to view the location of your phone, you will be prompted to give permission. However, location information may still be available to the phone's owner, fleet manager, or account administrator.

Note: Privacy options do not apply to the transmission of location information during emergency 911 calls.

To set your GPS privacy options:

- 1 From the main menu, select **GPS > Privacy**.
- 2 If your GPS PIN security feature is enabled, enter your GPS PIN. (See "Setting the GPS PIN Security Feature" on page 56 for more information.)
- 3 Scroll to the privacy setting you want.
- 4 Press  under **Select**.

Setting the GPS PIN Security Feature

To prevent your GPS privacy settings from being altered without your knowledge, your GPS privacy option can be protected by a PIN.

When you receive your phone, the GPS security feature is turned off, so you do not have to enter a GPS PIN to access your GPS privacy options. If you turn this feature on, you will be required to enter a GPS PIN to access your GPS privacy options.

To turn the GPS Enabled security feature on or off:

- 1 From the main menu, select **Settings > Security > GPS PIN**.
- 2 Scroll to **On** or **Off**.
- 3 Press \odot under **Select**.
- 4 Enter the current GPS PIN.

Note: When you receive your phone, your GPS PIN is 0000.

- 5 Press \odot under **Ok**.

To change your GPS PIN:

- 1 From the main menu, select **Settings > Security > Change Password > GPS PIN**.
- 2 Enter the current GPS PIN.

Note: When you receive your phone, your GPS PIN is 0000.

- 3 Press \odot under **Ok**.
- 4 Enter the new 4- to 8-digit GPS PIN.
- 5 Press \odot under **Ok**.
- 6 Enter the new 4- to 8-digit GPS PIN to confirm.
- 7 Press \odot under **Ok**.

Using GPS with Map Software

You can use GPS feature of your phone to provide approximate location data to a laptop computer or similar device that is running interactive map software such as that made by DeLorme or Microsoft. This way, if your phone has good access to GPS signals, your approximate position on a map can be made available as you travel in a vehicle.

To do this, connect your phone to your laptop (or other device) with a data cable and set your phone to transmit data (see “Getting Started” on page 58). Your phone then provides your approximate location to the device running the map software, which displays your location on a map. Your phone provides an updated location every second and the map software displays your changing location on its map.

See “Enhancing GPS Performance” on page 54 for more details on obtaining good location information.

Note: Because your phone is continuously determining your location, using the GPS feature of your phone with map software uses the phone’s battery power quickly.

Software Compatibility

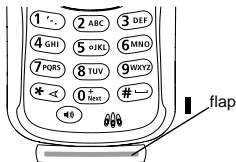
Your phone sends location information to your laptop or other device using the standard National Marine Electronics Association (NMEA) format. Your phone supports output messages in NMEA-0183 format and supports the following NMEA-0183 sentences: GGA, GLL, GSA, GSV, RMC, and VTG.

The map software running on your laptop or other device must support NMEA 3.0.

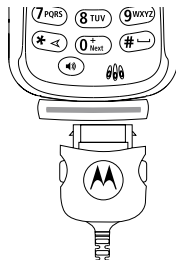
Getting Started

To connect your phone to your laptop or other device:

- 1 Open the flap covering the phone's accessory connector.



- 2 With the phone's display facing up, insert the data cable's connector into accessory connector, until you hear a click.





- 3 Insert the data plug into the COM port of your laptop or other device.

Ensure the COM port settings of your laptop or other device are set to the following:


- Bits per second: 4800
- Data bits: 8
- Parity: None
- Stop bits: 1
- Flow control: Hardware

To set your phone to send location information to your laptop or other device:

- 1 From the main menu, select **GPS > Interface**.

- 2 Press  under **Change**.
- 3 Scroll to **On**.
- 4 Press  under **Select**. Your phone is now sending location data to your laptop or other device.

To stop your phone from sending location data to your laptop or other device:

Set **Interface** to **Off** and press  under **Select**.

Each time you power your phone on, **Interface** is automatically set to **Off**.

GPS Enabled

Voice Records

Note: This feature may not be offered by your service provider.

A voice record is a recording you make with your phone and can play back. You can record a note to yourself or record the incoming portion of a phone call.

Your phone can store up to 20 voice records, with a total time of about 3 minutes, depending on available memory.

Creating Voice Records

To record a note to yourself:

- 1 From the main menu, select **VoiceRecd > [New VoiceRec]**.
- 2 Press \odot under **Record**. Say the message you want to record into the microphone.
- 3 When you are finished recording, press \odot under **Stop**.

To add to the end of voice record:

- 1 From the main menu, select **VoiceRecd**.
- 2 Scroll to the voice record you want to add to.
- 3 Press D .
- 4 Scroll to **Add To**.

- 5 Press \odot under **Select**. Say the message you want to add into the microphone.
- 6 When you are finished recording, press \odot under **Stop**.

To record the incoming portion of a phone call:

- 1 While on an active call, press D .
- 2 Scroll to **Record**.
- 3 Press \odot under **Select** to start recording.
- 4 When you are finished recording, press \odot under **Stop**.

Note: Recording of phone calls is subject to applicable laws regarding privacy and recording of phone conversations.

Playing Voice Records

- 1 From the main menu, select **VoiceRecd**.
- 2 Scroll to the voice record you want to play.
- 3 Press \odot under **Play**.
- 4 To stop the voice record while it is playing, press \odot under **Back**.

Voice Records

Labelling Voice Records

When you create a voice record, it is labeled with the time and date it was recorded. You then can rename it with a custom label.

- 1 From the main menu, select **VoiceRecd.**
- 2 Scroll to the voice record you want to label.
- 3 Press **D**.
- 4 Select **Label**.
- 5 Enter the label you want to assign. See "Entering Text" on page 75.
- 6 Press **○** under **Ok**.

Deleting Voice Records

To delete a voice record:

- 1 From the main menu, select **VoiceRecd.**
- 2 Scroll to the voice record you want to delete.
- 3 Press **D**.
- 4 Select **Delete**.
- 5 Press **○** under **Yes** to confirm.

To delete all voice records:


- 1 From the main menu, select **VoiceRecd.**
- 2 Press **D**.
- 3 Select **Delete All**.

- 4 Press **○** under **Yes** to confirm.

Locking Voice Records

When you lock a message, it cannot be deleted until you unlock it.

- 1 From the main menu, select **VoiceRecd.**
- 2 Scroll to the message you want to lock or unlock.
- 3 Press **D**.
- 4 Scroll to **Lock** to lock the message. **-or-** Scroll to **Unlock** to unlock the message.
- 5 Press **○** under **Select**.

- When a voice record is locked, this icon  appears next to it.

Managing Memory

To view the amount of memory available for voice records:

- 1 From the main menu, select **VoiceRecd.**
- 2 Press **D**.
- 3 Select **Memory**.

To free more memory by deleting all unlocked voice records:

- 1 From the main menu, select **VoiceRecd.**

- 2 Press **D**.
- 3 Select **Memory**.
- 4 Press **⊙** under **Delete**.
- 5 Press **⊙** under **Yes** to confirm.

Note: Voice records are stored in your phone using the same memory space used to store ring tones (see “Ring Tones” on page 37), Deleting ring tones frees memory space for voice records.

Voice Records


Advanced Calling Features

Call Waiting

Call Waiting lets you receive a second call while on a call. Call Waiting is always available, unless you turn it off for a specific call.

If you are on a call and receive a second call, your phone emits a tone and displays a messaging saying you are receiving a second call.


To accept the second call and put the active call on hold:

Press  under **Yes**.

To accept the second call and end the active call:



Press .

To decline the second call:

Press  under **No**. If you subscribe to voice mail, the call is forwarded to your voice mail box.

Switching Between Calls

When you accept a second call, the display shows the name or number of each call, with an icon indicating which call is active:



-  Phone call is active.
-  Phone call is on hold.

To make the call on hold active and put the active call on hold:


Press  under **Switch**.

Turn Off Call Waiting

To turn off Call Waiting during a call:



- 1 Press .
- 2 Select **Call Waiting**.
- 3 Press  under **Change**.
- 4 Scroll to **Off**.

Tip: To turn Call Waiting back on while still on the call: Scroll to **On**.

- 5 Press  under **Select**.

Advanced Calling Features

To turn off Call Waiting for the next call you make or receive:




- 1 From the main menu, select **Settings > Phone Calls > Call Waiting**.
- 2 Press  under **Change**.
- 3 Scroll to **Off**.
- 4 Press  under **Select**.

Call Waiting is turned back on when you end the call.



Call Hold

Call Hold lets you put an active call on hold and make a second call.

To put a call on hold:

- 1 While on an active call, press .
- 2 Scroll to **Hold**.
- 3 Press  under **Select**.
- 4 If you want to make the call active again, press  under **Resume**.

To make a second call while a call is on hold:

- 1 Enter the number you want to call.
Tip: To enter the number from Contacts: Press . Select **Contacts**.
- 2 Press  to place the call.

To end the second call and make the call on hold active again:

Press .







To make the call on hold active and put the active call on hold:

Press  under **Switch**.

3-Way Calling

3-way calling lets you combine 2 phone calls into one. All 3 people in the call can speak to and hear each other.

To make a 3-way call:

- 1 Place or receive a phone call.
- 2 While the call is active, press .
- 3 Scroll to **3-Way**.
- 4 Press  under **Select**. This puts the call on hold.
- 5 Enter the second phone number you want to call.
Tip: To enter the number from Contacts: Press . Select **Contacts**.
- 6 Press  to place the call.
- 7 While the second call is active, press .
- 8 Scroll to **3-Way**.
- 9 Press  under **Select**.

Both calls are now active and appear on the display.

Creating Pauses and Waits While Dialing

You can enter a pause or wait while dialing a number. For more information on pauses and waits, see “Creating Pauses and Waits” on page 30.

To create a pause while dialing a phone number:

- 1 From the keypad, enter the digits you want to occur before the pause.
- 2 Press **Ⓜ**.
- 3 Select **Insert Pause**.
- 4 Enter the digits you want to occur before the pause.

To create a pause while dialing a phone number:

- 1 From the keypad, enter the digits you want to occur before the pause.
- 2 Press **Ⓜ**.
- 3 Select **Insert Wait**.
- 4 Enter the digits you want to occur before the pause.

Making International Calls

Plus Dialing lets you place an international call to most countries without entering the local international access code.

- 1 Press and hold **0+1** for two seconds. A “0” appears, then changes to a “+”.

Note: The network translates the “+” into the appropriate international access code needed to place the call.

- 2 Enter the country code, city code, or area code, and phone number.

Setting One Touch PTT

One Touch PTT sets your phone to call the most recent Private ID on the recent calls list, or to a Private ID you choose, every time you press the PTT button.

To set your phone to call the most recent Private ID on the recent calls list:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.
- 2 Scroll to **Last Call**.
- 3 Press **○** under **Select**.

Advanced Calling Features

To set your phone to call a Private ID you choose:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.
- 2 Scroll to **Assign Number**.
- 3 Press \odot under **Change**.
- 4 To enter the number you want your phone to call every time you press the PTT button:

Enter the number using your keypad. **-or-**

Press \odot under **Search**. Select **Contacts, Recent Calls**, or **Memo**. Enter the number from Contacts, the recent calls list, or Memo, as you would when making a call.

Tip: If you are entering a Talkgroup number, enter # before the number.

- 5 Press \odot under **Ok**.

To turn off One Touch PTT:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.
- 2 Scroll to **Off**.
- 3 Press \odot under **Select**.

Group Calls

A group call is a Private call made to all members a Talkgroup at once. A Talkgroup is a group of Private IDs. Your sales representative or your service provider creates Talkgroups for you and assigns each Talkgroup a Talkgroup number. You can choose a name for each of your Talkgroups when you create entries for them in Contacts.

Making Group Calls

- 1 Press $\# \rightarrow$. Then enter the Talkgroup number using the keypad. **-or-**

Choose the Talkgroup name from Contacts or recent calls list.

- 2 Proceed as if making a Private call.

Receiving Group Calls

To receive group calls made to a Talkgroup, you must join the Talkgroup. You can belong to only one Talkgroup at a time. When you join a new Talkgroup, you no longer belong to your previous Talkgroup.

To join a Talkgroup:

- 1 Press $\# \rightarrow$. Then enter the Talkgroup number using the keypad. **-or-**

Choose the Talkgroup name from Contacts or recent calls list.

2 Press **⊙** under **Join**.

To answer a group call:

Proceed as if answering a Private call. Only one person at a time may speak on a group call.

Turning off Group Calls

To control whether you hear group calls or call alerts to your Talkgroup:

1 From the main menu, select **Settings > 2-Way Radio > Talkgroup Silent**.

2 Press **⊙** under **Change**.

3 Scroll to **On** if you don't want to hear group calls or call alerts to your Talkgroup. **-or-**

Scroll to **Off** if you want to hear group calls or call alerts to your Talkgroup.

4 Press **⊙** under **Select**.

Call Timers

Call timers measure the duration of your phone calls, Private or group calls, and circuit data use, as well as the number of Kilobytes sent and received by your phone:

- **Last Call** — displays the duration of your most recent phone call.

- **Phone Reset** — keeps a running total of your phone call minutes, until you reset it.
- **Phone Lifetime** — displays the total minutes of all your phone calls.
- **Prvt/Grp Reset** — keeps a running total of all of your Private and group call minutes, until you reset it.
- **Prvt/Grp Lifetime** — displays the total minutes of all your Private and group calls.
- **Circuit Reset** — keeps a running total of all of your circuit data use, until you reset it.
- **Circuit Lifetime** — displays the total minutes of all of your circuit data use.
- **Kbytes Reset** — keeps a running total of the number of Kilobytes sent and received by your phone, until you reset it.

To view or reset a timer:

- 1 From the main menu, select **Call Timers**.
- 2 Select the feature you want to view or reset.
- 3 To view a feature without resetting: Press **⊙** under **Done** when you are finished viewing. **-or-**

To reset a feature: Press **⊙** under **Reset**. Press **⊙** under **Yes** to confirm.

Advanced Calling Features

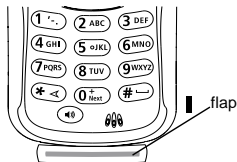
Note: The values displayed by Call Timers should not be used for billing. Call timers are estimates only.

Using Your Phone as a Modem

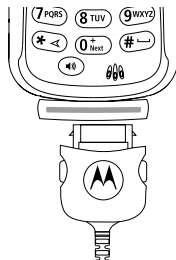
Note: This feature may not be offered by your service provider.

To use your phone as a modem with a laptop, handheld device, or desktop computer:

- 1 Open the flap covering the phone's accessory connector.



- 2 With the phone's display facing up, insert a data cable's connector into accessory connector, until you hear a click.



- 3 Insert the data plug into the COM port of the other device.

When used as a modem, your phone has these data transfer modes:

- Circuit data — used for sending and receiving faxes and for transferring large files
- Packet data — used for small file transfers such as email

To use these services, you must install the iDEN Wireless Data Services software (available separately). For more information on setting up your computer and your i205 phone for packet and circuit data calls, see the *Wireless Data Services User's Guide* or contact your service provider.

Making TTY Calls

Note: This feature may not be offered by your service provider.

To use your phone to make phone calls using a teletypewriter (TTY) device:

- 1 Connect one end of a 2.5mm cable into the audio jack on your phone. Connect the other end of the cable to your TTY device.
- 2 Make sure that your phone's TTY feature is on and select the TTY mode you want to use.
- 3 Use your phone to enter phone numbers and make calls.

TTY device manufacturer's proprietary feature such as Turbo-Code, High-Speed, and Interruption are not supported by your phone. These features must be turned off or disabled to use your TTY device with your phone.

Turning On the TTY Feature

Your phone's TTY feature must be on if you want to make TTY calls, set the TTY mode, or change the TTY baud rate. To make sure the TTY feature is on:

- 1 From the main menu, select **Settings > Phone Calls > TTY**. This field must say **On**.

Choosing a Mode

Your phone supports these TTY modes:

- **TTY** — You type and read text on your TTY device.
- **VCO** (Voice-Carry-Over) — You speak into your phone and read text replies on your TTY device.
- **HCO** (Hearing-Carry-Over) — You type text on your TTY device and listen to voice replies on your phone speaker.

To change mode while not in a call:

- 1 From the main menu, select **Settings > Phone Calls > TTY > Type**.
- 2 Press \odot under **Change**.
- 3 Scroll to the TTY mode you want.
- 4 Press \odot under **Select**.

When you make a TTY call, the call begins in the TTY mode you last selected.

Advanced Calling Features

To change mode during a call using your phone:

- 1 Press **Ⓜ**.
- 2 Select **TTY > Type**.
- 3 Select the mode you want.

To change mode during a call using your TTY device, issue one of the following command:

- “VCO please” — to select VCO mode
- “HCO please” — to select HCO mode
- “HCO off please” — to turn off HCO mode

Important: When you are using HCO, the sound coming from your phone speaker may be uncomfortably loud. Use caution when putting the phone to your ear. (For information on setting the volume of your phone speaker, see “Setting the Volume” on page 79.)

Changing the TTY Baud Rate

By default, your phone’s TTY baud rate is set to 45.45, the baud rate required for TTY calls within the U.S. To make calls outside the U.S., set your TTY baud rate to 50.0.

To change the TTY baud rate:


- 1 From the main menu, select **Settings > Phone Calls > TTY > Baud**.

- 2 Press **⌂** under **Change**
- 3 Scroll to the baud rate for your location.
- 4 Press **⌂** under **Select**.

Memo

Memo lets you store a number, make a call to that number, and save it to Contacts.



To create a memo:

- 1 From the main menu, select **Memo**.
- 2 Enter the number using your keypad.
- 3 Press  under **Store**.


To view the memo later:

- 1 From the main menu, select **Memo**.


To delete the memo:

- 1 From the main menu, select **Memo**.
- 2 Press and hold  under **Delete**.
- 3 Press  under **Store**.




To edit the memo:


- 1 From the main menu, select **Memo**.
- 2 Enter the new number.
- 3 Press  under **Store**.



To make a call to the memo number:

- 1 From the main menu, select **Memo**.
- 2 Press .

To store the memo number to Contacts:

- 1 From the main menu, select **Memo**.
- 2 Press .
- 3 Press  under **Select**.
- 4 To store the number as a new entry, press  under **Select**. -or-

To store the number in an existing entry: Scroll to the entry. Press  under **Select**.





- 5 Scroll left or right to the Contacts type you want to assign the number.
- 6 Press  under **Change**.
- 7 If you want to add more information to the entry, follow the applicable instructions in “Creating Entries” on page 27.
- 8 Press  under **Done**.

Memo

Entering Text


You can enter text into your phone using the traditional method of pressing a key several times for each character, or by pressing a key once for each letter while likely words are chosen from a database. You can also enter symbols and numbers into a text field.


At any screen that requires you to enter text, you see the following icons near the top right corner. These icons tell you which text input mode you are using:

-  **Alpha** — Press a key several times for each character.
-  **Word** — Press a key once for each letter while likely words are chosen from a database.
-  **Symbols** — Enter punctuation and other symbols.
-  **Numeric** — Enter numbers.





When you access a screen that requires you to enter text, you start in Alpha mode.

To choose a text input mode:

- 1 At a screen that requires you to enter text, press .

- 2 A checkmark appears next to the current text input mode. Scroll to the text input mode you want to use.
- 3 Press  under **Select**.

Using Alpha Mode

- Press any key on the keypad to enter the letters, numbers, and symbols on that key. For example, to enter the letter Y, press  three times.
- Type a letter then scroll up to make that letter uppercase, or type a letter then scroll down to make that letter lowercase.
- Press  for a space.
- Press  under **Delete** to delete a character. Press and hold  under **Delete** to delete an entire entry.

Using Word Mode

In Word mode, T9 Text Input analyzes the letters on the keypad button you press and arranges them to create words. As you type, T9 Text Input matches your keystrokes to words in its database and displays the most commonly used matching word. You can add your own words to this database.

Entering a Word


- 1 Select Word as your text input mode.

Entering Text

2 Type a word by pressing one key for each letter.

For example, to type “test” press    .

The displayed word may change as you type it. Do not try to correct the word as you go. Type to the end of the word before editing.

3 If the word that appears is not the desired word, press  to change the word on the display to the next most likely word in the database.


Repeat until the desired word appears.

If the desired word does not appear, you can add it to the database of words using the instructions in “Adding Words to the User Database” on page 76.

Special Key Functions


Some of the phone’s keys assume different functions while in Word mode.

Shift and Caps Lock

Press  to make the next letter typed uppercase (shift), to make all subsequent letters types uppercase (caps lock), or to go back to lowercase letters.

These icons appear in the top row of your display:

 Shift is on.


 Caps lock is on.


When neither of these icons appear, letters typed are lowercase.

Note: T9 Text Input automatically makes the first letter of a sentence uppercase.

Punctuation


In Word mode, T9 Text Input uses Smart Punctuation to insert the correct punctuation within a word and at the end of a sentence.

Press  to insert punctuation. One of eight basic punctuation symbols will be inserted (, - ' @ : ? ;).

Press  to change the inserted punctuation symbol to another of the eight basic punctuation symbols.

Note: Additional punctuation symbols are available in Symbols mode.

Adding Words to the User Database



- 1 Select Alpha as your text input mode.
- 2 Type the word using Alpha mode.
- 3 Select Word as your text input mode.
- 4 Press .

The word you typed in Alpha text entry mode is now in the database.

NOTE: You cannot store alphanumeric combinations, such as Y2K.

Choosing a Language

To change the language of the database T9 Text Input chooses words from:

- 1 At a screen that requires you to enter text, press .
- 2 Select **Languages**.
- 3 Scroll to the language you want for your database.
- 4 Press  under **Select**.


Using Numeric Mode

- 1 Select Numeric as your text input mode.
- 2 Press the number buttons on your keypad to enter numbers.

Using Symbols Mode

- 1 Select Symbols as your text input mode.

A row of 32 symbols appears along the bottom of the phone's display. Scroll right to view the complete row.

- 2 Scroll left or right to choose the symbol you want to enter.
- 3 Press  under **Select**.

Entering Text

Customizing Your Phone

Setting the Volume

To set the volume of the sound coming from the phone's earpiece or speaker:

- 1 From the main menu, select **Settings > Volume**.
- 2 Scroll to **Earpiece** to set the earpiece volume. **-or-** Scroll to **Speaker** to set the speaker volume.
- 3 Press \odot under **Change**.
- 4 To select the volume:
Scroll left or right. **-or-**
Press the volume keys on the side of your phone.
- 5 Press \odot under **Ok**.

To set the volume of the phone's ring:

Press the volume keys on the side of your phone.

For another way to set the volume of the phone's ring, or the volume of many other sounds your phone makes:

- 1 From the main menu, select **Settings > Volume**.
- 2 Scroll to the option you want and make the change. Choose **Line 1** or **Line 2** to set the volume of the phone's ring when you get a call on that line.

See "Volume Features" on page 82.

Setting Your Phone to Not Ring

To set your phone to make no sound when you receive phone calls, Private calls, group calls, message notifications, and call alerts, see "Turning Ring Tones Off" on page 37.

To set your phone to vibrate instead of making a sound when you receive Private calls and group calls, even if you want your phone to ring for other features:

- 1 From the main menu, select **Settings > 2-Way Radio > Alert Type**.

Tip: If **Alert Type** does not appear: From the main menu, select **Ring Tones**. Make sure **Vibrate All** or **SilentAll** is set to **Off**. Repeat step 1.

- 2 Press \odot under **Change**.
- 3 Scroll to **Vibe**.
- 4 Press \odot under **Select**.

Note: This feature may not be offered by your service provider.

If your phone does not include a vibrate feature, you can still set your phone make no sound. Scroll to **Silent** in step 3.

Seeing the Display Better

To set the contrast of the display:

- 1 From the main menu, select **Settings > Display/Info > Contrast**.
- 2 Press **⊙** under **Change**.
- 3 Scroll left or right to set the contrast.
- 4 Press **⊙** under **Ok**.

Using a Headset

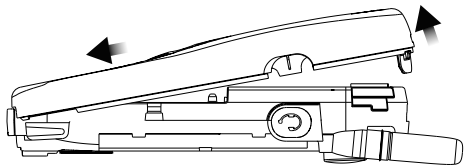
If you use a headset or similar device with your phone, you can set your phone to send incoming sound to the headset only, or to the headset and the speaker at the same time:

- 1 From the main menu, select **Settings > Advanced > Headset/Spker**.
- 2 Press **⊙** under **Change**.
- 3 Scroll to **HdsetOnly** to send incoming sound to the headset only. **-or-**
Scroll to **Hdset&Spker** to send incoming sound to the headset and the speaker at the same time.
- 4 Press **⊙** under **Select**.

Changing the Faceplate

To give your phone a new look by changing its faceplate:

- 1 Remove the battery cover as described in "Removing the Battery" on page 4.
- 2 Carefully pull the faceplate away from the rest of your phone.



- 3 Place the new faceplate on to your phone and press it gently until you hear a click.

To order new faceplates for your phone, log on to our Web site at www.motorola.com/store/iden or contact your Motorola Authorized Retailer.

Using Settings

Settings contains many submenus that let you customize your phone.

Display/Info Features

The Display/Info menu controls how the keypad and display appear:

- **Backlight** — controls how long backlight stays on after you make or receive a call.
- **Clock** — controls whether the time and date appears on the idle screen, sets the format of the time and date, and sets the year.
- **Contrast** — sets the contrast on the display. See “Seeing the Display Better” on page 80.
- **Language** — sets the language that your phone displays.

Phone Calls Features

The Phone Calls menu controls how your phone handles phone calls:

- **Set Line** — sets phone line 1 or phone line 2 as the active line for outgoing calls.
- **Any Key Ans** — If this feature is on, you can answer calls by pressing any key on the keypad.
- **Auto Redial** — sets your phone to automatically redial calls you make when the system is busy.
- **Call Waiting** — See “Turn Off Call Waiting” on page 65.

- **Auto Ans** — sets your phone to automatically answer an incoming call after a specified number of rings. When this feature is on, the phone answers by connecting you to the caller; it does not send the call to voice mail, unless you are out of coverage or on the line.
- **Minute Beep** — causes beep to sound every minute of an active call.
- **Call Duration** — causes the duration of a call to appear on the phones display when the call ends.
- **TTY** — lets you use your phone with a TTY device. See “Making TTY Calls” on page 71.
- **Notifications** — See “Setting Notification Options” on page 41.

2-Way Radio Features

The 2-Way Radio menu controls how your phone handles Private calls and group calls:

- **Tkgroup Silent** — controls whether you hear group calls or call alerts to your Talkgroup. See “Receiving Group Calls” on page 68.
- **Tkgroup Area** — lets you name Talkgroups and choose your Talkgroup area.
- **One Touch PTT** — See “Setting One Touch PTT” on page 67.

Customizing Your Phone

- **Alert Type** — sets your phone to make no sound when you receive Private calls and group calls. See page 79.

Volume Features

The Volume menu sets the volume of sounds your phone makes:

- **Line 1** — sets ringer volume for phone line 1.
- **Line 2** — sets ringer volume for phone line 2.
- **Messages** — sets the volume of message notifications.
- **Earpiece** — sets the volume of sound coming out of the earpiece.
- **Speaker** — sets the volume of sound coming out of the speaker.
- **Keypad** — sets the volume of sound associated with pressing keys and buttons.
- **Data** — sets the volume of sounds that notifies you that you are receiving a circuit data call.

Security Features

The Security menu lets turn security features on and off and change passwords:

- **Phone Lock** — turns on a feature that locks your phone, either immediately or automatically after a set period of inactivity. An unlock code is required to enable this feature, to unlock the phone, and to set a new Unlock code. Contact your service provider for your default unlock code.
- **Keypad Lock** — locks the phone's keypad, either immediately or automatically after a set period of inactivity. See "Locking the Keypad" on page 9 for more information on locking and unlocking the keypad.
- **SIM PIN** — enables and disables your phone's SIM PIN security feature. See "Turning the PIN Requirement On and Off" on page 11.
- **GPS PIN** — enables and disables your phone's GPS PIN security feature. See "Setting the GPS PIN Security Feature" on page 56.
- **Change Passwords** — changes your phone unlock code, security code SIM PIN, and GPS PIN.

Advanced Features

The Advanced menu contains advanced and rarely used Settings features.

- **Alert Timeout** — controls the amount of time a tone continues to sound when you receive a message notification or call alert.

- **Headset/Spker** — See “Using a Headset” on page 80.
- **Connectivity** — **Network ID** sets the phone's network IDs and their roaming options under the direction of your service provider; **Master Reset** lets your service provider to reset your service in the event of a security or provisioning problem.
- **Reset Defaults** — **Reset Settings** returns all settings to their original defaults; **Reset All** returns all settings to their original defaults and erases all stored lists. Use only under the direction of your service provider.
- **Return to Home** — controls how long the recent calls list displays after calls.
- **Phone Only** — prevents your phone from making or receiving Private calls or group calls.
- **Baud Rate** — sets the baud rate at which your phone communicates with a laptop computer, PC, or similar device.

Customizing Your Phone

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR INTEGRATED MULTI-SERVICE PORTABLE RADIO.

RF Operational Characteristics

Your radio product contains a radio frequency transmitter to convey the information you wish to send as well as occasional automatic signals used to sustain connection to the wireless network, and a receiver which enables you to receive communication and connection information from the network.

Portable Radio Product Operation and EME Exposure

Your Motorola radio product is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1999 Edition.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2001.
- ANATEL, Brasil Regulatory Authority, Resolution 256 (April 11, 2001) "additional requirements for SMR, cellular and PCS product certification."

To assure optimal radio product performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Safety and General Information

Phone Operation

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

Speak directly into the microphone.

Two-way radio operation

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone one to two inches (2.5 to 5 cm) away from the lips.**



Body-worn operation

To maintain compliance with FCC RF exposure guidelines, if you wear a radio product on your body when transmitting, always place the radio product in a **Motorola approved clip, holder, holster, case or body harness for this product.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a Motorola approved body-worn accessory and are not using the radio product in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, then ensure the antenna and the radio product are kept the following minimum distances from the body when transmitting**

- **Phone or Two-way radio mode: one inch (2.5 cm)**
- **Data operation using any data feature with or without an accessory cable: one inch (2.5 cm)**

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the radio product and may violate FCC regulations.

DO NOT hold the antenna when the radio product is “IN USE”. Holding the antenna affects call quality and may cause the radio product to operate at a higher power level than needed.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, or visit our website at www.mot.com/iden.

Portable Radio Product Operation and EME Exposure

ALL MODELS WITH FCC ID AZ489FT5822 MEET 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 the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. 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 and 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 is 1.6W/kg.* Tests for SAR are conducted using standard operating positions reviewed by the FCC 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 antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the

body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.19 W/kg and when tested on the body, as described in this user guide, is 1.39 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID AZ489FT5822.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

* 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.

Electro Magnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio product in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

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

Medical Devices

Pacemakers

The Advanced Medical Technology Association (AdvaMed) recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio product and a pacemaker. These recommendations are consistent with those of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio product more than 6 inches (15 cm) from their pacemaker when the radio product is turned ON.
- Not carry the radio product in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio product OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless radio products 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 radio products in the area where you drive. Always obey them.

When using the radio product 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.

Operational Warnings



For Vehicles with an Air Bag

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

Potentially Explosive Atmospheres

Turn off your radio product prior to entering any area with a potentially explosive atmosphere, unless it is a radio product type especially qualified for use in such areas as “Intrinsically Safe” (for example, Factory Mutual, CSA, or UL approved). 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, and any

Safety and General Information

other area where you would normally be advised to turn off your vehicle engine. 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 radio product when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Operational Cautions



Antennas

Do not use any portable radio product that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury, such as burns if a conductive material such as jewelry, keys, or beaded chains touches 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.

Cleaning and Drying Considerations

Using a leather carry case may help protect the surfaces and help prevent liquids (e.g., rain) from entering into the interior of the radio product. This product is not water proof, and exposing the unit to liquids may result in permanent damage to the unit.

If your radio product interior gets wet, then do not try to accelerate drying with the use of an oven or a dryer as this will damage the radio product and void the warranty. Instead, do the following:

- 1 Immediately power off the radio product.
- 2 Remove Battery and SIM card (if so equipped) from radio product.
- 3 Shake excess liquid from radio product.
- 4 Place the radio product and battery in an area that is at room temperature and has good air flow.
- 5 Let the radio product, battery, and SIM card dry for 72 hours before reconnecting the battery and/or powering on the radio product.

If the radio product does not work after following the steps listed above, contact your dealer for servicing information.

Clean the external surfaces of the radio product with a damp cloth, using a mild solution of dishwashing detergent and water. Some household cleaners may contain chemicals that could seriously damage the radio product. Avoid the use of any petroleum-based solvent cleaners. Also, avoid applying liquids directly on the radio product.

Accessory Safety Information

Important: Save these accessory safety instructions.

- Before using any battery or battery charger, read all the instructions for and cautionary markings on (1) the battery, (2) the battery charger, which may include a separate wall-mounted power supply or transformer, and (3) the radio product using the battery.
- Do not expose any battery charger to water, rain, or snow as they are designed for indoor or in-vehicle use only.



Warning: To reduce the risk of injury, charge only the rechargeable batteries listed in the “Battery” on page 2. Other types of batteries may burst, causing personal injury and damage.

- To reduce the risk of damage to the cord or plug, pull by the plug rather than the cord when you disconnect the battery charger from the power source outlet.
- Do not operate any battery charger with a damaged cord or plug — replace them immediately.
- Battery chargers may become warm during operation, but not hot. If it becomes hot to the touch, unplug it from the power outlet immediately and discontinue its use.
- Use of a non-recommended attachment to a battery charger may result in a risk of fire, electric shock, or injury to persons.
- Make sure the battery charger power cord is located so that it will not be stepped on, tripped over, or subjected to damage or stress.
- An extension cord should not be used with any battery charger unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure that:
 - The pins on the plug of the extension cord are the same number, size, and shape as those on the plug of the charger.
 - The extension cord is properly wired and in good electrical condition.

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- The cord size is 18AWG for lengths up to 100 feet and 16AWG for lengths up to 150 feet.
- Do not operate any battery charger if it has received a sharp blow, has been dropped, or has been damaged in any way; take it to a qualified service technician.
- Do not disassemble a battery charger; take it to a qualified service technician when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Maximum ambient temperature around the power supply or transformer of any battery charger should not exceed 40°C (104°F).
- The output power from the power supply or transformer must not exceed the rating given on the Desktop Dual-Pocket Charger.
- The disconnection from the line voltage is made by unplugging the power supply from the AC receptacle.
- To reduce risk of electric shock, unplug any battery charger from the outlet before attempting any maintenance or cleaning.

For optimum charging performance, turn off the radio product while charging it in any battery charger.

Driving Safety Tips

“Safety is your most important call!”

Your Motorola wireless telephone gives you the powerful ability to communicate by voice — almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies that benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

- Get to know your Motorola wireless phone 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 hands-free device. If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original hands-free accessories available today.
- Position your wireless phone within easy reach. Be able to access your wireless phone 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.
- If you receive an incoming call at an inconvenient time 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 you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to 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 which have the potential to divert your attention away from the road.
- Your phone can perform many other functions besides allowing you to make and receive calls. Do not let these features distract you from driving. Use them only when it is safe to do so.

Driving Safety Tips

- Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
- Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 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.

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones



FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known — and what remains unknown — about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e., radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects

(this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence *does not* demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna — the primary source of the RF — and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones,"

which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development

used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously — up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

- 1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.
- 2 When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the

calls. In fact, the risk actually *decreased* with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.(1)

- 3 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.(2)

FDA is currently working with government, industry, and academic groups to ensure the

proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- 1 Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.(3)
- 2 In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.(4)

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to

answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile 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 at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones;
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.
- At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:
- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

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 people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update

- a headset with a remote antenna to a mobile phone carried at the waist.

Again, the scientific data *do not* demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following websites:

- **Federal Communications Commission (FCC)** RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): <http://www.fcc.gov/oet/rfsafety>.
- **World Health Organization (WHO)** International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>
- **United Kingdom, National Radiological Protection Board:** <http://www.nrpb.org.uk> .
- **Cellular Telecommunications Industry Association (CTIA):** <http://www.wow-com.com> .
- **U.S. Food and Drug Administration (FDA)** Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/> .

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4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

Limited Warranty

Motorola Communication Products

Note: This Warranty applies within the fifty (50) United States and the District of Columbia.

I. What This Warranty Covers and For How Long:

MOTOROLA, INC. (“MOTOROLA”) warrants the MOTOROLA manufactured iDEN Communication Products listed below (“Product”) against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

iDEN Subscriber Digital Mobile and Portable Units	One (1) Year
Product Accessories	One (1) Year
Batteries	One (1) Year

Rechargeable Batteries will be replaced during the applicable warranty period if:

- the battery capacity falls below 80% of rated capacity, or

- the battery develops leakage.

MOTOROLA, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment if expressly excluded from this warranty. Because each system which may use the Product is

Limited Warranty Motorola Communication Products

unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole, or any portion of the system not produced by MOTOROLA, under this warranty.

II. General Provisions:

This warranty sets forth the full extent of MOTOROLA'S responsibilities regarding the Product, Repair, replacement or refund of the purchase price, at MOTOROLA'S options, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

III. State Law Rights:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

IV. How to Get Warranty Service:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service. You can also call MOTOROLA at 1-800-453-0920 for warranty service location information.

V. What This Warranty Does Not Cover:

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.
- b. Defects or damage from misuse, accident, water, or neglect.
- c. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- d. Breakage or damage to antennas unless caused directly by defects in material workmanship.
- e. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the addition to the Product of non-MOTOROLA supplied equipment) which adversely affect performance of the Product or interfere with MOTOROLA'S normal warranty inspection and testing of the Product to verify any warranty claim.
- f. Product which has had the serial number removed or made illegible.
- g. Rechargeable batteries if:
 - 1. Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.

- 2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- h. Freight costs to the repair depot.
- i. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the FCC type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- j. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- k. Normal and customary wear and tear.

VI. Patent and Software Provisions:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- a. That MOTOROLA will be notified promptly in

Limited Warranty Motorola Communication Products

- writing by such purchaser of any notice of such claim;
- b. That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
 - c. Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or used in connection with the Product or any parts thereof.

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 in copies and distribute copies of such MOTOROLA software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise or rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

Limited Warranty

Motorola Communication Products (International)

Note: This Warranty applies in Singapore and the Philippines.

I. What This Warranty Covers and For How Long:

MOTOROLA warrants the MOTOROLA manufactured iDEN Communication Products listed below ("Product") against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

iDEN Subscriber Digital Mobile and Portable Units	One (1) Year
Product Accessories (manufactured by or under license from MOTOROLA)	One (1) Year
Batteries	One (1) Year

Rechargeable Batteries will be replaced during the applicable warranty period if:

a. the battery capacity falls below 80% of rated

capacity, or

b. the battery develops leakage.

MOTOROLA, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such

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equipment if expressly excluded from this warranty. Because each system which may use the Product is unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole, or any portion of the system not produced by MOTOROLA, under this warranty.

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CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

III. How to Get Warranty Service:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service.

IV. What This Warranty Does Not Cover:

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.
- b. Defects or damage from misuse, accident, water, or neglect.
- c. Defects or damage from improper testing,

- operation, maintenance, installation, alteration, modification, or adjustment.
- d. Breakage or damage to antennas unless caused directly by defects in material workmanship.
 - e. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the addition to the Product of non-MOTOROLA supplied equipment).
 - f. Product which has had the serial number removed or made illegible.
 - g. Rechargeable batteries if:
 - 1. Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
 - 2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
 - h. Freight costs to the repair depot.
 - i. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the local type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
 - j. Scratches or other cosmetic damage to Product

surfaces that does not effect the operation of the Product.

- k. Normal and customary wear and tear.
- l. Exclusion for defects or damage arising from use of the products in connection with non-MOTOROLA equipment.

VI. Patent and Software Provisions:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- a. That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- b. That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- c. Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its

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option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

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Patent and Trademark Information

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Quick Access



To access the idle screen at any time:

Press .

When you are entering a number using your keypad, you can access these features by pressing :

- store the number to Contacts
- insert a pause
- Call Setup options

To access My Info:

- 1 Press .
- 2 Press .

To access the menu that sets the language your phone displays:

- 3 Press .
- 4 Press .

[MORE SHORT CUTS AND TIPS HERE.]