

SouthernLINC

i290 Phone

User's Guide

Dummy Page - To be discarded before printing

IMPORTANT NOTICE: PLEASE READ PRIOR TO USING YOUR PHONE

The SIM card provided in this kit is intended for use with the phone provided in this package.

Loss of certain features will result when using a SIM card from one of the following models: *i30sx*, *i35s*, *i50sx*, *i55sr*, *i58s*, *i60c*, *i80s*, *i85s*, *i88s*, *i90c*, *i95cl* series, and the *i2000* series.

For more information on SIM card compatibility, go to www.motorola.com/iden.

Defects or damage to your Motorola phone that result from the use of non-Motorola branded or certified Accessories, including but not limited to replacement housings and or other peripheral accessories, are excluded from warranty coverage. Please refer to the text of Motorola's Limited One Year warranty located in this user's guide for complete details.

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: Z90

Model Number: H98XAH6JR4AN

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

As a personal computer peripheral, this device
complies with Part 15 of the FCC Rules.

Operation is subject to the following two
conditions: (1) this device may not cause

harmful interference, and (2) this device must
accept any interference received, including
interference that may cause undesired
operation.

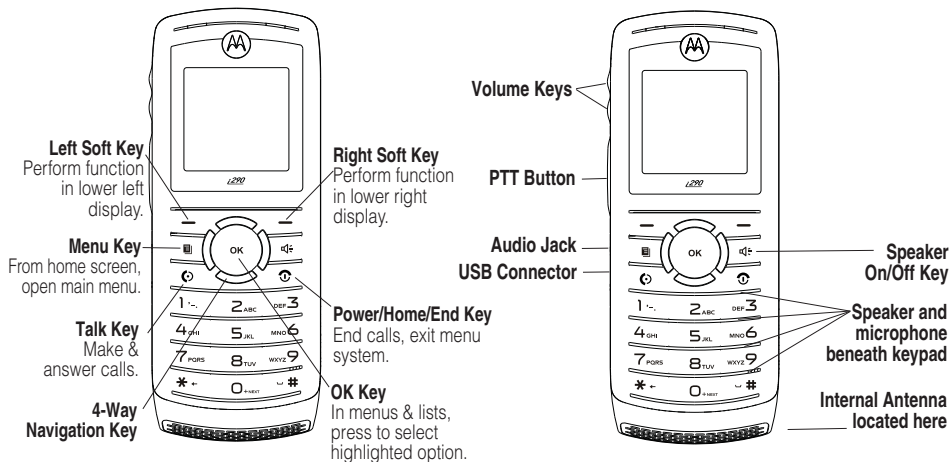
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

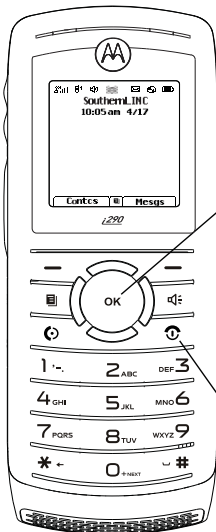
HELLOMOTO

Introducing your new Motorola i290 phone. Here's a quick anatomy lesson.



check it out

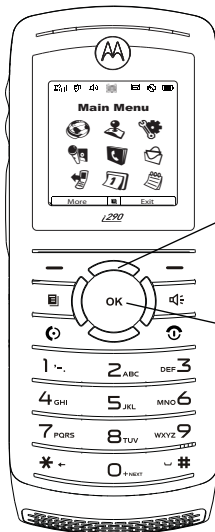
Home Screen



② Press the **OK** key to open the **Ring Tones** screen

① Press and hold the **Power Key** for a few seconds, or until the screen lights up, to turn on your phone.

Main Menu



③ Press the Navigation Key **up, down, left or right** to highlight a menu feature.

④ Press the **OK** key to select.

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

www.hellomoto.com

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

Product Support:

www.motorola.com/iden

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

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Manual Number: NNTN7307A

Software Version: D7F.00.41

CP Version: 6A.02.00

CSD Version: C01.06.11

USR Version: U7FA.02.04

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menu map

main menu



Settings (see next page)



Downloads



Browser Apps



Java Apps

- Buy More
- Java System



Ring Tones

- Buy Ring Tones
- Vibrate All: On/Off
- Ringers
- Vibrate
- Silent



LINC Manager

- LINC Message
- LINC Picture
- LINC Event
- LINC My Info
- LINC Contact
- Configure



My Pictures



Call Forward

- Forward: All Calls
- To: On/Off



VoiceRecord

- [New VoiceRec]



Datebook

- [New Event]



Shortcuts

- [New Entry]
- 1)Shortcuts
- 2)Cntcs[New Contact]
- 3)Ring Tones
- 4)LINC Manager
- 5)Browser Apps
- 6)Java Apps
- 7)Settings
- 8)Profiles
- 9)Call Forward



Profiles

- [New Profile]
- Standard
- Car
- Meeting
- Office
- Outdoors
- Headset



Call Alert



Call Timers

- Last Call
- Phone Reset
- Phone Lifetime
- Prvt/Grp Reset
- Prvt/Grp Life
- Circuit Reset
- Circuit Lifetime
- Kbytes Reset



My Info

- My Name
- Line 1
- Line 2
- LINC ID
- Group ID
- Carrier IP
- IP1 Address
- IP2 Address
- Circuit Data



Recent Calls



Memo



Contacts

- [New Contact]



Messages

- [Create Message]
- Voice Mail
- Text Inbox
- Quick Notes
- Drafts
- Text Outbox
- Net Alert
- Fax Mail



GPS

- Position
- Privacy
- Interface

settings menu

Display/Info

- Wallpaper
- Text Size
- Theme
- Home Icons
- Backlight
- Clock
- Menu View
- Large Dialing
- Language

Phone Calls

- Set Line
- Any Key Ans
- Auto Redial
- Call Waiting
- Auto Ans
- Minute Beep
- Call Duration
- TTY
- Notifications
- DTMF Dialing

InstantLINC

- Tkgrp Silent
- Tkgrp Area
- One Touch PTT
- Alert Type
- LINC Notes
- On/Off LINC Features
- Store Rcvd Info

Personalize

- Menu Options
- Up Key
- Down Key
- Left Key
- Right Key
- Center Key
- Left Sftkey
- Right Sftkey
- Power Up

Volume

- Line 1
- Line 2
- Messages
- Earpiece
- Speaker
- Keypad
- Java Earpiece
- Java Spkr
- Data

Security

- Phone Lock
- Keypad Lock
- SIM PIN
- GPS PIN
- Change Passwds

Advanced

- Alert Timeout
- Headset/Spkr
- Connectivity
- Reset Defaults
- Return to Home
- Transmitters
- Phone Only
- Baud Rate

Use and Care

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



liquids of any kind

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



dust and dirt

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



extreme heat or cold

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



cleaning solutions

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



microwaves

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



the ground

Don't drop your phone.

essentials

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



about this guide

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

Find it:  > **Settings.**

This means that, from the home screen:

- 1 Press the *Menu Button*  to open the Main Menu.

- 2 Press the *navigation key*  to scroll to **Settings**, and press the *center key*  to select it.

symbols



This means a feature is network/subscription dependent and may not be available in all areas. Contact SouthernLINC Wireless for more information.



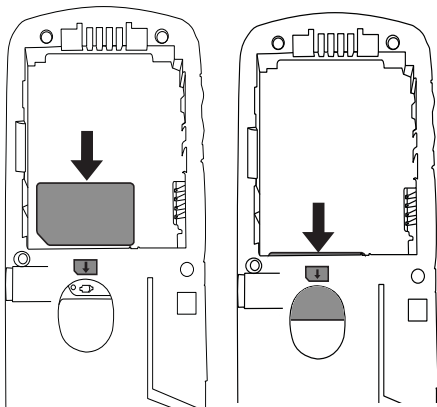
This means a feature requires an optional accessory.

SIM card

insert the SIM card

Turn off your phone and remove your battery before you install or remove a SIM card.

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



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

battery

Battery Use & Battery Safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers. Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion, or other hazard.
- Battery usage by children should be supervised.

- **Important:** Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
 - Remove the battery and inspect it to confirm that it bears a Motorola “Original Equipment” hologram;
 - If there is no hologram, the battery is not a qualified battery;
 - If there is a hologram, replace the battery and retry charging it;
 - If the message remains, contact a Motorola Authorized Service Center.
- New batteries or batteries stored for a long time may take more time to charge.
- **Charging precautions:** When charging your battery, keep it near room

temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging. Always take your mobile device with you when you leave your vehicle

- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease, and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.
- **Avoid damage to battery and mobile device.** Do not disassemble, open, crush, bend, deform, puncture, shred, or submerge the battery or mobile device. Avoid dropping the battery or mobile device, especially on a hard surface. If your battery or mobile device has been subjected to such damage, take it to a Motorola

Authorized Service Center before using. **Do not** attempt to dry it with an appliance or heat source, such as a hair dryer or microwave oven.

- **Use care when handling a charged battery**—particularly when placing it inside a pocket, purse, or other container with metal objects. Contact with metal objects (e.g., jewelry, keys, beaded chains) could complete an electrical circuit (short circuit), causing the battery to become very hot, which could cause damage or injury.

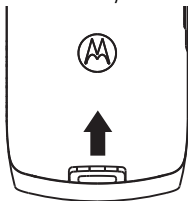
Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center for proper battery disposal.



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

battery installation

- 1 Slide the release button back until it releases the battery door.



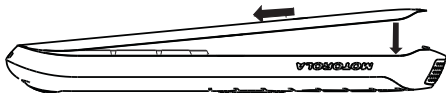
- 2 Remove battery door.



- 3 Insert battery as shown below. Push the battery down until it snaps in place.



- 4 Replace the battery door.

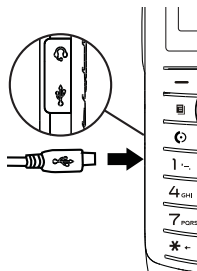


battery charging

New batteries are not fully charged.

charge using the charger

- 1 Pull out the connector cover, and insert the charger into the accessory connector on your phone as shown.
- 2 Plug the other end of the charger into the appropriate electrical outlet.



- 3 When your phone displays **Charge Complete**, remove the charger.

When you charge the battery, the battery level indicator at the upper right of the screen shows charging progress. At least one segment of the indicator must be visible to ensure full phone functionality while charging.

charge from your computer



You can partially charge your phone's battery by connecting a Motorola-approved USB cable from your phone's mini-USB port to a high power USB connector on a computer (not a low-power one, such as the USB connector on your keyboard or bus-powered USB hub). Typically, USB high-power connectors are located directly on your computer.

Note: The phone will be charged as a slower rate than it is charged with the rapid charger.

Your computer must be turned on, and you must have correct software drivers installed on your computer. If the Phone is off when the USB cable is connected between the computer and the phone, the phone will power up in charging mode. This mode allows the phone to charge fastest and quickest.

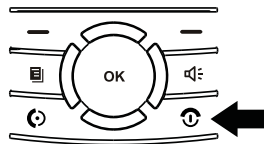
Note: If the battery is very low, the phone will not turn On, but it will continue to charge at a low rate.


If the phone is turned on while charging from a computer, it will not fully charge the battery. In this case, the battery charge will be maintained approximately between 80% and 95% of the battery's capacity. Cables and software drivers are available in Motorola Original™ data kits, sold separately.

Tip: Motorola batteries have circuitry that protects the battery from damage from overcharging. Of course, unplugging the charger from the wall will avoid current drain.

turn it on & off

To turn on your phone, press and hold  for a few seconds or until the display turns on.





To turn off your phone, press and hold  for two seconds.


enable security

You must enable security the first time you power on your phone or within 10 days of first activation.


- 1 Press and hold  to power on your phone.
- 2 Press  under **Ok**.

- 3 Your are prompted to enable security. Press  under **Yes**. A series of screens followed by the default home page displays.
- 4 Press  to return to the home screen.

make phone a call



Enter a phone number and press  to make a call or use a voice command. See “voice commands” on page 42.


Note: For best call quality avoid covering the internal antenna with your hand.

To hang up press .

answer phone a call

When your phone rings and/or vibrates, you have the following options to answer:

- 1 If you want to answer the call on the handsfree speaker phone, press the speaker key .
- 2 If you want to hear the audio through ear the speaker, press .

To hang up press .

make a InstantLINC Mobile to Mobile call

With InstantLINC Mobile to Mobile calls, you use your phone as a long-range, digital 2-way radio using one-to-one InstantLINC Mobile to Mobile calls or one-to-many Talkgroup calls.


Your LINC ID is the number at which you receive one-to-one InstantLINC Mobile to Mobile calls.

Talkgroup numbers are numbers through which you receive one-to-many group calls.


- 1 To make an InstantLINC Mobile to Mobile call, enter the LINC ID you want to call.
- 2 Press and hold the PTT button. Begin talking after your phone emits a chirping sound.
- 3 Release the PTT button to listen.

To end the call press .

An InstantLINC Mobile to Mobile call ends automatically if there is no activity on the call for a few seconds.



Tip: To let someone know you want to talk to them on an InstantLINC Mobile to Mobile call, press  under **Alert** and press the PTT button.

answer an InstantLINC Mobile to Mobile call

- 1 When your phone emits a chirping sound or vibrates to indicate you are receiving an InstantLINC Mobile to Mobile call, wait for the caller to finish speaking.
- 2 Press and hold the PTT button and begin talking after your phone emits a chirping sound.
- 3 Release the PTT button to listen.
To end the call press  under **Exit**.

store a phone number or LINC ID

You can store a phone number or an InstantLINC Mobile to Mobile in **Contacts**:


- 1 Press  > **Contacts** > **[New Contact]**.
- 2 Enter a name for the new entry. Each entry's name can contain up to 20 characters.
- 3 Select **Ring Tones** if you wish to assign a specific ring tone to that phone number.
- 4 Select a type for the entry (**Mobile**, **Work1**, **Work2**, **Home**, **Fax**, **Pager**, or **Other**). To store a LINC ID, choose **LINC ID**.
- 5 Enter the number for the entry and press  under **Done** to save the entry.

Tip: Before saving the entry, you can save more information. You can store E-mail addresses, IP addresses, or Talkgroup IDs.

You can assign each number a speed dial number and voice name.

After you have saved the number, the new **Contacts** entry is displayed.

call a stored phone number or LINC ID

Shortcut: From the home screen press  under **Contcs**


or

Find it:  > **Contacts**

- 1 Scroll to the **Contacts** entry.

Tip: By pressing the first letter of the name of the **Contacts** you want, you will be taken to all the contact names starting with the letter you pressed.

2 If the Contacts entry contains more than one number, scroll left or right until the type of the number you want to call is displayed (**Mobile, LINC ID, Work 1, Work 2, Home,** etc.).

3 If you choose a phone number, press  to call the entry.


or

If you choose a LINC ID or Talkgroup ID, press and hold the PTT button to call the number.

Tip: If the Contacts entry you scrolled to contains a LINC ID, you can make an InstantLINC Mobile to Mobile call to that LINC ID by pressing and holding the PTT button, even if the LINC ID is not the type of number displayed.

your phone number and LINC ID

Find it:  > **My Info**

Tip: Want to see your phone number or LINC ID while you're on a call? Press  > **My Info**.

text messages

Your phone sends text messages using Mobile Originated Short Messaging Services (MOSMS) and receives text messages from other phones that are using MOSMS.

set it up

Before you begin using text messaging, you may need to set up your signature, service center number, and expiration information.

Shortcut: From the home screen press  under **Msgs** > **Text Inbox** >  > **Text Msg Setup**.

or

Find it:  > Messages > Text Inbox >  > Text Msg Setup.

The following options become available:

option
Signature Enter your signature (up to 11 characters long).
Delivery Rpt: Set this option to On if you want your phone to show you when the message has been delivered.
Srvc Cntr No: Enter the phone number of your service center. If you do not know this number, contact SouthernLINC Wireless.

option

Expire After


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

Scroll to select the number of days you want your messages to be saved.



Auto Clean Up

Set this option to **On** if you want your phone to delete sent messages.


If you set **Auto Clean Up** to **On**, select **Clean Up After** to set the number of days after which sent messages are deleted or the number of messages to be kept.

Press  under **Done** to save the information you entered.


receive a text message

- 1 To view the message press  under **Read**.
- 2 To dismiss the message notification press  under **Back**.

Note: If your phone is powered off when you receive a text message, your phone notifies you the next time you power it on. If you are out of your coverage area, your phone alerts you when you return to your coverage area.



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

read from the message center


- 1 From the home screen press  under **Msgs > Text Inbox**.
- 2 Select the message you want to read or press the number of the message you

want to read. If the message fills more than one screen, scroll to read it.

Tip: Scrolling through one message lets you view the next message.


- 3 To reply to the message, press  under **Reply** or to see all other choices, including forwarding and deleting the message, calling the sender, or storing the sender's number in **Contacts**, press .





create and send text messages


- 1 From the home screen press  under **Msgs > [Create Message]**.

or

Select **Text Inbox**, **Text Outbox**, or **Drafts**.


- 2 To address the message use the keypad to enter the phone number of the person you want to send the message to and press  under **Back**.

- 3 Select **Msg:** and enter the text of the message or to use a quick note press  under **Browse** and scroll to the quick note you want.
- 4 Press  > **Set Send Method** and select **Text**, **Fax**, **X400**, **Email**, **ERMES**, or **Voice**.
- 5 If you want to send the message, press  under **Send** or to delete the message without sending it, press  under **Cancel**.

Note: If you want to request confirmation of delivery press  > **Delivery Report** > **On**.

use drafts


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


Shortcut: From the home screen press  under **Msgs** > **Drafts**.

- 1 Select the draft you want to edit. You also have the choice to create new text messages from this menu.


- 2 To edit the fields you want to change, follow step 2 through step 5 in “create and send text messages” above.



resend text messages

Shortcut: From the home screen press  under **Msgs** > **Text Outbox**.


- 1 Scroll to the message you want to resend or press the number of the message you want to resend.
- 2 Press  under **Resend**.

delete sent text messages

Shortcut: From the home screen press  under **Msgs** > **Text Outbox**.

- 1 Scroll to the message you want to delete.
- 2 Press  under **Delete**.
- 3 Press  under **Yes** to confirm.

delete all unlocked sent messages

Shortcut: From the home screen press  under **Msgs** > **Text Outbox**.

- 1 Press  > **Delete All**.
- 2 Press  under **Yes** to confirm.

Locked messages cannot be deleted until you unlock them.

manage memory



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

The text inbox holds 20 messages. 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 30 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, text outbox, or drafts folder:

- 1 From the idle screen press  under **Msgs**.
- 2 Scroll to the folder whose available memory capacity you want to view.
- 3 Press  under **Memory**.

using your handset as a modem



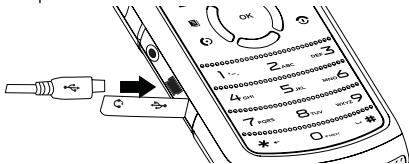
You can use your handset as a modem with a laptop, handheld device, or desktop computer. In order to use your handset as a modem, you must create a connection between your handset and the other device.

connect with a USB cable



Use a USB cable to connect your handset to a laptop, handheld device, or desktop computer.

- 1 Pull out the connector cover, and insert the charger into mini USB connector on your phone as shown.



- 2 Insert the data plug into the data port of the other device.

When used as a modem, your handset 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.

Note: 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 i290 handset for packet and circuit data calls, contact your service provider.

main attractions

LINC features

Your phone can send and receive the following items through LINC ID Mobile to Mobile calls with other phones that have this capability:

- Short text messages¹
- Pictures¹
- Datebook events
- My Info
- Contact information

You can choose to send My Info and contact information to any LINC ID.

1. Additional charges may apply.

You can choose to send pictures, messages, events, My Info, and contact information to the LINC ID you are engaged in an InstantLINC Mobile to Mobile call with, LINC IDs on the **Recent Calls** list, and LINC IDs stored in **Contacts**.

When you make or receive an InstantLINC Mobile to Mobile call, your phone automatically determines whether the phone you are engaged in an InstantLINC Mobile to Mobile call with is able to receive each of these items. Your phone saves this information for as long as the LINC ID is on your **Recent Calls** list or is saved in your **Contacts**. Your phone updates the saved information each time you make or receive a call to or from that LINC ID.

You can turn your phone's ability to send and receive messages, pictures, events on and off.

Note: You cannot send LINC feature items during Talkgroup calls.

send messages

Note: This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.



The LINC Messages feature lets you send short text messages through an InstantLINC Mobile to Mobile call.

When you send a message, it appears on the display of the phone you are engaged in the an InstantLINC Mobile to Mobile call with. The message won't be stored in the recent calls list.

The first time you send a message after turning the phone on, **Messaging Fees May Apply. Continue?** appears and you are prompted to respond.

begin a message and choose a recipient

You can begin a message during an InstantLINC Mobile to Mobile call, from the **Contacts** list, the **Recent Calls** list, or from the **LINC Manager**.

begin a message during an InstantLINC Mobile to Mobile call:

While in an InstantLINC Mobile to Mobile call, press  > **LINC Feature** > **LINC Message**.

begin a message from the Contacts or the Recent Calls list

- 1 From the **Contacts** or the **Recent Calls** list, select the entry containing the LINC ID you want to send the message to.

2 Press  > **LINC Feature** > **LINC Message**.

begin a message from the LINC Manager

The **LINC Manager** lets you select the LINC ID you want to send the message to from **Contacts** or the **Recent Calls** list.

Find it:  > **LINC Manager** > **LINC Message**.

Then select **A Contact** or **A Recent Call** to see a list of entries from the **Contacts** or the **Recent Calls** list that can receive messages.

create messages

After you have begun a message and chosen a recipient, a screen appears that lets you create the text of the message you want to send. Your message may be up to 400 characters long.


You can choose from a list of ready-made words or short phrases called Quick Notes.


You can use a Quick Note as it is or edit it before you send it. Editing a Quick Note changes the Quick Note for this message only and will not change the Quick Note on the list.

send a completed message


After you have completed your message, press the PTT button to send it.

receive messages

When you receive a message, a message notification appears on the display. To view the message press .

To dismiss the message press  under **Dismiss**.

reply to a message

- 1** View the message.
- 2** Press  under **Reply**.

- 3 Create the message and press the PTT button to send it.

send pictures

Note: This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.



You can send pictures stored in **My Pictures** through InstantLINC Mobile to Mobile calls. The picture you send appears on the recipient's display.

If the recipient accepts the picture, their phone saves the picture.

The first time you send a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears and you are prompted to respond.

Note: You cannot make or receive InstantLINC Mobile to Mobile calls while transmitting or receiving a picture.

send a picture during a call

- 1 While in an InstantLINC Mobile to Mobile call, press  under **Picture** or press  > **LINC Feature** > **LINC Picture**.


A list of pictures that can be included in an InstantLINC Mobile to Mobile call appears.

- 2 Select the picture you want to send.
- 3 Press the PTT button to send the picture.
- 4 Wait while the picture is transmitted. The InstantLINC Mobile to Mobile call is temporarily interrupted while a picture is transmitted.
- 5 When prompted, press the PTT button to resume the InstantLINC Mobile to Mobile call.

start a call by sending a picture

from My Pictures

Find it:  > My Pictures

- 1 Select the picture you want to send.
- 2 Press  > **LINC View**.
A list of contacts that have LINC IDs and are able to receive pictures appears.
- 3 Select the name of the person you want to send the picture to.
- 4 Press the PTT button to send the picture.
- 5 When prompted, press the PTT button to resume the InstantLINC Mobile to Mobile call.

from the LINC Manager:

Find it:  > LINC Manager > LINC Picture.

- 1 Select **A Contact**, or **A Recent Call** to see a list of entries that can receive pictures.


- 2 Select the entry containing the LINC ID you want to send the message to.
- 3 Select the picture you want to send.
- 4 Press the PTT button to send the picture.
- 5 Once picture has been sent, when prompted press the PTT button to resume the call.


receive a picture

When someone sends you a picture, your phone emits a tone or vibrates and a message appears asking if you want to accept the picture.


Pictures you receive are saved to your phone's memory. They are accessible through **My Pictures**.

When you see a message asking if you want to accept the picture, press **Yes** to accept or **No** to decline.

Tip: If you want to stop the transmission before it is finished, press .




Note: The first time you accept a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears and you are prompted to respond. Press  under **Yes** to accept the picture.

clear a picture from the display


If you want to clear a picture from your phone's display while still on a call, press  > **Clear Screen**.

The picture will not appear on the display again the next time you receive a call from person who sent it. This does not delete the picture from **My Pictures**.


send My Info

- 1 While in an InstantLINC Mobile to Mobile call press  > **LINC View My Info**, and push the PTT button to send.
or
- 2 From the home screen press  > **My Info** >  > **LINC View My Info** and push the PTT button to send.

set my info sending option

You can control what portion of the information in **My Info** is sent and whether it is sent automatically in every call or only when you choose to send it. 

Find it:  > **LINC Manager** > **Configure** > **LINC My Info** > **Info to Send**

- 1 Select or remove the fields you want to send.
- 2 Press  under **Done**.

The information your phone sends always includes **My Name** and **LINC ID**. You may also send **Line 1**, **Line 2**, **Carrier IP**, and **Circuit Data**, depending on your sending options.

automatic sending




To control whether you send your information automatically:

Find it:  > **LINC Manager** > **Configure** > **LINC My Info** > **Auto Send**

- 1 Select **On** or **Off**

When you make a call in which your information is sent automatically, the name you entered in the My Name field of My Info appears on the display of the recipient's phone, even if your name and LINC ID are not stored in the recipient's Contacts.

send contact information

- 1 While in an InstantLINC Mobile to Mobile call press  > **LINC Feature**.
- 2 Select **LINC Contact** and select the contact information you want to send.
- 3 Push the PTT button to send.
or
- 1 From the home screen press  > **LINC Manager** > **LINC Contact**.
- 2 Enter the LINC ID number of the person you want to send the Contact information to or press  under **Browse**.
- 3 Select from **Recent Calls**, **Contacts**, or **Memo**.
- 4 Select the contact information you want to send and push the PTT button.

turn PTT features on and off

You can turn your phone's ability to send and receive messages, pictures, and Datebook events on and off.

You cannot turn your phone's ability to send and receive My Info and contact information on and off.


Find it:  > LINC Manager > Configure

- 1 Select **On/Off LINC Features**.
- 2 Check or uncheck messages, pictures and/or events.

one touch PTT

Find it:  > LINC Manager > Configure > One Touch PTT.

One Touch PTT sets your phone to do any of the following each time you press the PTT button from the home screen:


option
Off — Nothing happens when you press the PTT button from the home screen.
Last Call — Call the most recent LINC ID the recent calls list.
Assigned No. — Call a LINC ID you assign. Enter the number using your keypad, or press  under Search . Select Contacts , Recent Calls , or Memo .
Note: If you are entering a Talkgroup number, enter # before the number.
LINC Manager — Go to LINC Manager. See "LINC manager" on page 32.

option
LINC Message — Go to the first screen to send a message.
LINC Picture — Go to the first screen to send pictures. See “send pictures” on page 27.
LINC Event — Go the first screen to send a Datebook event.
LINC My Info — Go to the first screen to send My Info. See “send My Info” on page 29.
LINC Contact — Go to the first screen to send a contact. See “send contact information” on page 30.

To send a LINC features item, select **LINC Message**, **LINC Picture**, **LINC Event**, **LINC My Info**, or **LINC Contact**. After choosing what PTT item you are sending, select a contact and press the PTT button to send.

LINC manager


The **LINC Manager** lets you quickly access LINC features, and other InstantLINC Mobile to Mobile call features, from the main menu.

Find it:  > **LINC Manager**

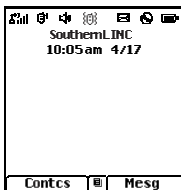
basics


See page 1 for a basic phone diagram.

display

The *home screen* shows when you turn on the phone. To dial a number from the home screen, press number keys and .

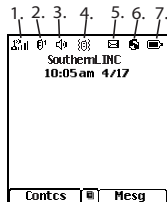
Note: Your home screen may look different.





Soft key labels show the current soft key functions. For soft key  locations, see page 1.

status indicators

Status indicators are shown at the top of the home screen:



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

can't make or receive calls when  or  shows.


- 2 Active Phone Line** – 1 indicates phone line 1 is ready to make calls.
- 3 Speaker On** – Sounds associated with InstantLINC Mobile to Mobile calls and Talkgroup calls are set to come through the speaker rather than through the earpiece.
- 4 Ringer Off** – Your phone is set to not ring.
- 5 Message Indicator** – Shows when you receive a text message.
- 6 Packet Data** – Your handset is ready to transfer packet data or is transferring packet data.
- 7 Battery Charge Indicator** – A fuller battery indicates a greater charge. Recharge the battery when your phone shows **Low Battery**.

text entry

Some features let you enter text.

Your phone provides convenient ways to enter words, letters, punctuation, and numbers whenever you are prompted to enter text (for example, when adding a Contacts entry or when text messaging).

change the character entry method

- 1** When you see a screen where you can enter text, press  to change the character input mode.

2 Select one of the following options:

entry method	
Alpha	Press a key several times for each character.
Word	Enter words using a predictive text entering system that lets you enter a word with fewer keypresses.
Symbols	Enter symbols.
Numeric	Enter numbers by pressing the numbers on the keypad.

Tip: When entering text, press and hold **#** to change letter capitalization (**Abc** > **ABC** > **abc**).

word mode

Word English Text Input lets you enter text into your phone by pressing keys just once per letter.

Word English Text Input analyzes the letters you enter using an intuitive word database and creates a suitable word. (The word may change as you type.)

enter a word using Word Character Input:

- 1 Select the **Word** character input mode.
- 2 Press the corresponding keys once per letter to enter a word (for example, to enter the word **Jeff**, press **5 3 3 3**). (If you make a mistake, press **⌫** under **Delete** or **✖** to erase a single character. Press and hold **⌫** under **Delete** or **✖** to delete an entire entry.)
- 3 To accept a word and insert a space, press **#**.

alpha mode

enter characters by tapping the keypad:

- 1 Select the **Alpha** mode.
- 2 Press the corresponding keys repeatedly until the desired letter appears. (For example, to enter the word **Jeff**, press **5** once, **3** two times, **3** three times, and **3** three times again. If you make a mistake, press **⌫** under **Delete** to erase a single character. Press and hold **⌫** under **Delete** to erase an entire entry.)

By default, the first letter of an entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

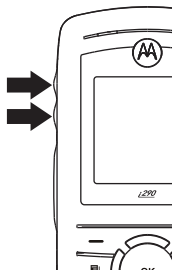
Characters scroll in the following order:

characters	
1	Space . 1 ? ! , @ & : ; " - () ' ¿ ¡ % £ \$ ¥
2	A B C 2 Á Ã Ä Å Ç
3	D E F 3 É Ê Ë
4	G H I 4 Í Ì
5	J K L 5
6	M N O 6 Ó Ô Õ Ö
7	P Q R S 7 ß
8	T U V 8 Ú Û Ü Û
9	W X Y Z 9
0	+ - 0 * / \ [] = > < # §
#	Space
*	Back

volume



Press the volume keys up or down to:

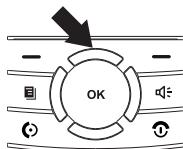
- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen



Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate All** by holding the down volume key in the home screen.


navigation key

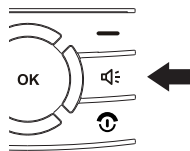
Press the *navigation key*  up, down, left, or right to scroll to items in the display. When you scroll to something, press .



handsfree speaker

You can use your phone's hands-free speaker to make calls without holding the phone to your ear.

During a call press the speaker key  to turn the hands-free speaker on.



The hands-free speaker stays on until you press the speaker key or end the call. The next

phone call will redirect the audio back to the earpiece.

transmitters

Note: Consult airline staff about the use of the *Transmitters* feature during flight. Turn off your phone whenever instructed to do so by airline staff.

Transmitters turns off your phone's calling features in situations where wireless phone use is prohibited, but you can use the phone's other non-calling features when Transmitters turned Off.

Find it:  >  > **Advanced > Transmitters > Off.**

use GPS with map software

Your phone is enabled with a highly-capable GPS receiver that sends location information to a USB port on a PC, laptop, or PDA.

Note: No serial port connectivity is provided by your phone. Applications on the host device which are expecting to receive the GPS location information via a serial port must instead use a Virtual Serial Comm Port.

The data sent to the host device is formatted as prescribed in the National Marine Electronics Association 0183 V3.0 (NMEA-0183) standard. As such it supports the following sentences: GGA, GLL, GSA, GSV, RMC, and VTG.

This handset is not a full NMEA-0183 compliant device supporting electrical RS-422/RS-232 connectivity as dictated by the NMEA-

0183 standard. Consequently it's unsuitable for conventional marine NMEA-0183 equipment use. Its intended use is for normal "terrestrial" mobile users who want to enable their USB hosting computing devices such as a PC, laptop or PDA with the phone's highly-capable GPS functionality.

get connected



- 1 Slide open the phone's bottom connector and insert a mini-USB cable into the phone's bottom connector.
- 2 Insert the other end of the mini-USB cable into a vacant USB receptacle of your host device. A virtual USB Comm Port will be created on your host device upon successful enumeration of the phone as a USB Communications Device Class device.
- 3 Ensure no application in your host device is using the created COMM port. You may

need to ensure that the created virtual COMM port settings are set as follows:

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

- 4 Start the GPS application on your host device. Set the GPS application to start accepting NMEA-0183 formatted data from the created Virtual COMM port.
- 5 Set your phone to start sending NMEA-0183 formatted location information.

Find it:  >  > **GPS > Interface > NMEA OUT > USB.**

Your phone is now actively sending location NMEA-0183 formatted GPS data to your USB host device.

To stop your phone from sending location data:

Find it:  >  > **GPS > Interface > NMEA OUT > Off.**

Note: Each time you power your phone Off, NMEA OUT is automatically set to Off and you need to manually restart it using the menu selections above.

Your USB host device will generally provide charging power (5V, up to 500mA) to your phone via the mini-USB cable therefore no other charging power to it will normally be required. However some laptops may require that you provide external AC/DC power to the laptop in order for it to provide full 500mA charging current capability to the phone.

calls

To make and answer calls, see page 15.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

recent calls

The **Recent Calls** list contains information associated with calls you have made and received and call alerts you have received.


When you send or receive InstantLINC Mobile to Mobile calls, the **Recent Call** list contains the following items with those calls:


- Messages
- Pictures

- Events
- My Info
- Contacts

The recent calls list displays up to 20 of the most recent calls and call alerts.

Find it:  > **Recent Calls.**




Tip: You can also access the recent calls list by pressing the navigation key  down.

- 1 Scroll through the list.
- 2 Highlight the item you want to view or perform some action on.
- 3 To view more details of the item press .


store an item to contacts from recent calls

Phone calls, InstantLINC Mobile to Mobile calls, My Info received from other phones, and Contacts entries received from other phones can be stored to the Contacts list from the recent calls list.

Find it:  > **Recent Calls**.

- 1 Scroll to or select the item you want to store.
- 2 Press  under **Save** to store the information as a new entry in the Contacts list.
or
- 3 If **Save** is not one of your options, press  > **Update Contacts**. And select the contact you want to update.
- 4 Press  under **Done** to save your changes.




redial

To redial your last outgoing phone call, press and hold .


voice commands

You can place calls by speaking commands to your phone if you have previously assigned a voice name to your contacts.

assign voice names to contacts:

- 1 Press  under **Contcs** and select **[New Contact]**.
- 2 Assign a name, phone number and select **[Options]**.
- 3 Select **Voice Name** and follow the prompts to record the voice name.
- 4 Press  under **Back** and  under **Done** to save the entry.

place a call using voice command:

- 1 From the home screen press and hold the speaker key  until you are prompted to say the voice name.

The handset will automatically place the call.

caller ID

Note: This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.



Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, just follow these easy steps.

To block your phone number from being displayed for a specific outgoing call:

- 1 Press   

- 2 Enter the number you want to call.

- 3 Press .

To permanently block your number, call your SouthernLINC Wireless at 1-800-406-0151.

call forward

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.

Find it:  > **Call Forward.**

- 1 To forward all calls select **All Calls** and select **To** to enter the phone number you want all your calls forwarded to.

or

- 2** You can specify a forwarding number for each type of missed call by selecting **Detailed** and choosing the following options:

If Busy: When your handset is on a call or transferring data.

If No Answer: When you do not answer on the first 4 rings.

If Unreachable: When your handset is out of coverage or powered off.

emergency calls

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

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and

sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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

Dial 911 or your local emergency number to be connected to an emergency response center. If you are on an active call, you must end it before making an emergency call.

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. Because of the limitations of this feature, always provide your best knowledge

of your location to the emergency response center when you make an emergency call.

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

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



international calls

Note: This feature requires a subscription. Please contact your sales representative or SouthernLINC Wireless at 1-800-406-0151.



speed dial

Each phone number stored in Contacts is assigned a Speed Dial number, which you can use to call that number.

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

turbo dial

The first nine entries in your contacts are set for turbo dial. They can be called by pressing and holding the speed dial number (1 through 9).


voice mail



Note: To receive voice mail messages, you must first set up a voice mail account with SouthernLINC Wireless.




receive a message


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

To check voicemail messages press  under **Call**.

To dismiss the message notification press , or  under **Back**.

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

LINCaround

Note: This is an optional feature. Go to www.southernlinc.com/downloads or contact SouthernLINC Wireless at 1-800-406-0151 about its availability for purchase. 

LINCaround allows direct two-way phone-to-phone communications between two or more phones equipped for LINCaround. You can make and receive LINCaround calls even when network service is not available. You can talk to anyone on your code and channel within your range.

Note: Range will vary based on terrain, man-made structures and atmospheric conditions.

LINCaround allows you to use code or private mode operation, use up to 10 channels and communicate with standalone LINCaround radios.

Note: LINCaround is not compatible with older Family Radio Services products.

The following features and main menu items will not be available while in LINCaround mode:


- On-network phone calls
- On-network InstantLINC Mobile to Mobile calls
- Data transmission
- Incoming message notification
- Musical ring tones
- Call forwarding
- Messages
- Call Timers
- Call alerts
- Voice records

set your phone to LINCaround

Find it:  > LINCaround > Go To LINCaround.

After a few seconds, the **LINCaround** idle screen appears. The channel you are set to appears on the first line of the display, the code you are set to appears on the second line of the display and **LA Ready** appears just above the softkeys.

Note: When switching from the network to **LINCaround**, the last channel and code that were set appear on the **LINCaround** idle screen.

While in **LINCaround**, this icon  appears on the display, indicating that there is no network signal and **LINCaround** is active.

Phones used in LINCaround mode should be a minimum of 6 feet apart to maximize performance and improve transmission range.

exit LINCaround

Find it:  > LA Options > Exit LINCaround.

The following message displays: **Switching to Network Please Wait** displays. After a few seconds, the network idle screen appears.

channels and codes

Your phone has 10 channels and 15 codes.

Channels are divided into sets of frequencies that allow you to make and receive LINCaround calls. Other parties may also be talking on the same channel.




Codes help minimize interference from unwanted messages and other disturbances when you are on the same channel as others.

To have a conversation, all parties must be on the same channel and code. For private LINCaround calls, the person you are calling



must be in LINCaround and set to the same channel to receive your call.

Note: When making a code call, all parties that are on your code and channel can hear your conversation.

set a channel

- 1 From the LINCaround idle screen, press  under **Edit**.
- 2 Scroll to **Channel** and press  under **Edit**.
- 3 Select a channel number from 1 to 10.
- 4 When you are finished, press  under **Back** to return to the LINCaround idle screen.


set a code

- 1 From the LINCaround idle screen, press  under **Edit**.
- 2 Scroll to **Code** and press  under **Edit**.

- 3 Select a code number from 1 to 15 or one of the following options:

option
Receive All
Sets your phone to receive LINCaround transmissions from any phone that is set to the same channel, regardless of the code (1-15). When you receive transmissions with the code set to Receive All , the display changes from Receive All to the code on which the transmission was received.
Tip: You can reply to an incoming call within 6 seconds after hearing the short ending beep by pressing the PTT button.
Note: You cannot initiate a code call when the code is set to Receive All . If you push the PTT button with the code set to Receive All , you will receive an error message.

option
Pvt Only
Allows you to have a private conversation with another person using LINCaround. When on a private LINCaround call, no other parties can hear your conversation. In order to make a private LINCaround call, you must use the valid 10-digit Personal Telephone Number (PTN) of the person you are calling. The person you are calling must be in LINCaround and set to the same channel to receive your call.
Note: An error message will occur if you don't use a valid PTN, or the person that you are trying to reach is not in LINCaround, or is set to a different channel or out of range.

- 4 When you are finished, press  under **Back** to return to the LINCaround idle screen.

make and receive code calls in LINCaround

To make a code call in LINCaround:


- 1 Push and hold the PTT button. **LA Transmit** appears on the first line of display. Begin speaking after your phone emits the LINCaround tone.

- 2 Release the PTT button to listen.


Note: The tone emitted from your phone when using LINCaround is 4 beeps and sounds different from the standard tone heard with on-network InstantLINC Mobile to Mobile and Talkgroup calls.

You could receive an error message if there are no parties on your channel or code, or if you are out of range.

When you receive a code call using LINCaround, **LA Receive** appears on the first line of the display.

Note: An incoming LINCaround call can be terminated at any time by pressing .

make a private LINCaround call

- 1 Enter the 10-digit PTN of the person you want to call on your channel, or press  under **Contacts** and select a contact, or scroll to a number in the recent calls list.

- 2 Push and hold the PTT button. Begin speaking after your phone emits the LINCaround tone.

- 3 Release the PTT button to listen.

The number or name of the person you are calling will appear in the first line of the display.

receive a private LINCaround call

- 1 The number or name of the person who initiated the call will appear in the first line of the display.
- 2 You can reply within 6 seconds simply by pushing the PTT button.

end a private LINCaround call

A private LINCaround call will end if there is no communication for 6 seconds.

Note: A private LINCaround call may be interrupted during the 6 second idle time by another code call or private call.

make emergency calls while in LINCaround mode

If you attempt to make an Emergency 911 call while in LINCaround mode, your phone will automatically exit LINCaround mode and attempt to find a network signal.

Note: If you are out of network coverage your phone will not be able to make an emergency 911 cellular call until you go back into the network coverage area.

You must wait until the phone reconnects to the network before attempting to make an emergency 911 cellular call.

setup options

LINCaround setup options are available in the LA Options screen in both network and LINCaround modes.

access setup options in network

Find it:  > LINCaround > Setup.


access setup options in LINCaround

Find it:  > LA Options > Setup.

The following options become available:

option

Direct Launch

Launches your phone directly into LINCaround when you select LINCaround from the main menu. If **Direct Launch** is set to **On**, you will not see **LA Options** when you select **LINCaround** from the main menu. In order to have access to your setup options, **Direct Launch** must be set to **Off**. Or you can access setup options while in LINCaround by pressing  and selecting **MT Options**.

option

State Tone

Notifies you periodically with a tone that you are in **LINCaround** mode. You can select a time frame during which you want to be notified that you are in **LINCaround** mode. Select from **30 minutes**, **1**, **2**, **3** or **4 hours**.

customize

ring tones

To set the ring tone your phone makes when you receive phone calls, call alerts, message notifications, pictures sent in InstantLINC Mobile to Mobile calls, or Datebook reminders:

Note: Only ring tones stored in your phone's memory are available in the ring tones list. Not all audio files can be assigned as ring tones.


Find it:  > Ring Tones

- 1 Make sure **Vibrate All** is set to **Off**.
- 2 Scroll through the list of ring tones and select the one you want to assign. **Vibrate** sets your phone to vibrate instead of

making a sound; **Silent** sets your phone to neither vibrate nor make a sound.

Tip: Highlighting a ring tone lets you hear it.

- 3 Select the features you want to assign the ring tone to.
- 4 When you are finished, press **Done**.

Note: This icon  appears on the display if you set your phone to neither vibrate nor make a sound for phone calls.

set your phone to vibrate

You can set your phone to vibrate instead of making a sound when you receive all phone calls, InstantLINC Mobile to Mobile calls, Talkgroup calls, call alerts, messages notifications, pictures sent in InstantLINC Mobile to Mobile calls, and Datebook reminders.

Find it:  > Ring Tones > Vibrate All


- 1 Set this option to **On** or **Locked**.

Setting this option to **On** lets you turn **Vibrate All** off by pressing the up volume control. Setting this option to **Locked** requires you to press and hold the up volume control to turn **Vibrate All** off. The **Locked** option helps prevent you from accidentally turning **Vibrate All** off.

To set **Vibrate All** to **On** or **Locked** using the volume controls: Press the volume controls to turn down the volume as far as possible to set **Vibrate All** to **On**. Continue to hold the down volume control to set **Vibrate All** to **Locked**.


To set your phone to vibrate instead of making a sound for some features but not others:

Find it:  > Ring Tones

- 1 Make sure **Vibrate All** is set to **Off**.
- 2 Select **Vibrate** from the list of ring tones.
- 3 Select the features you want to set to make no sound.
- 4 When you are finished, press  under **Done**.

wallpaper

Set a photo or picture as a wallpaper (background) image in your phone's home screen or throughout all menu screens.


Find it:  > Settings > Display/Info > Wallpaper > Wallpaper.

To select a wallpaper image scroll through the list of pictures and press  to select the picture of your choice.

Note: You can set the wallpaper to change automatically after a certain period of time by turning on the **Auto Cycle** feature located in the Wallpaper menu.

backlight

Set the amount of time that the display and java apps. backlights remain on, or turn off the backlight feature to extend battery life.

Find it:  > Settings > Display/Info > Backlight

datebook

Find it:  > Datebook >  > Setup

You can view or change these options:

option
Start View — Sets Datebook to start in day view, week view, or month view when you access Datebook.
Daily Begin — Sets the beginning of your day. This is the earliest time of day displayed in week view, if you have a 12-hour day view.
Delete After — Sets the amount of time Datebook waits to delete an event after it occurs.
Time Shift — Lets you shift the times of all Datebook events. This is useful if you are traveling to a different time zone.

option
Alert Timeout — Sets the amount of time a tone continues to sound when you receive a Datebook reminder.
Clock — Controls whether the time and date appear on the home screen; sets time and date format.

hide or show location information



Your phone is equipped with a Location feature for use in connection with location-based services that may be available in the future.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except for your local emergency response center.

Note: Turning Location on will allow the network to detect your position using GPS technology, making some applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.



set your privacy options






Find it:  > GPS > Privacy

Select **Restricted**, **Unrestricted**, or **Ask Access**.








other features

advanced calling









feature	
call waiting	Find it: 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  . Your phone rings with the second call for you to answer.



feature	
3-way call	Make or receive a phone call and press  .  > 3 Way . Enter the second phone number, press  and  under Join . Tip: For quick ways to enter the number, press  to see the dialing menu. You cannot make any other calls after you have joined a 3-way call, even if one party disconnects.

contacts

feature	
edit/delete contact entry	Press  under Contacts . Select a contact and press  > Edit . Change the desired content and press  under Done .
set ringer ID	Press  under Contacts . Select a contact and press  > Edit > Ringer . Select desired ringer, press  under Back , and  under Done .

datebook


feature	
create datebook events	To create a new Datebook event press  >  > [New Event] .
see datebook event	To see a calendar event press  >  >  left or right to see the day and  up or down to see the events.
event reminder	When an event reminder occurs press  under View . Press  under Back to close the reminder.



feature	
receive datebook events via InstantLINC Mobile to Mobile calls	<p>To view the information while still in the InstantLINC Mobile to Mobile call press .</p> <p>The 5 most recent events received from a LINC ID are stored with the that LINC ID on the recent calls list.</p> <p>To store events to the Datebook press  under Save while viewing the event you want to store.</p>

GPS

To improve GPS performance:



- Stay in the open,
- Move away from other electrical or electronic devices
- Remain stationary.
- Avoid covering the antenna with your hands.

feature	
view approximate location	<p>To see where you currently are press  > GPS > Position.</p> <p>Scroll to view the entire screen.</p> <p>To recalculate position press Rfrsh. This may take several minutes.</p>





feature	
set GPS privacy options	<p>To set the level of privacy for your GPS system press  > GPS > Privacy.</p> <p>If your GPS PIN security feature is enabled, enter your GPS PIN and select the privacy option you want.</p>
change GPS PIN	<p>Note: Your default GPS PIN is 0000.</p> <p>To change your GPS PIN press  > Settings > Security > Change Passwds > GPS PIN.</p> <p>Enter the current GPS PIN and enter the new 4- to 8-digit GPS PIN. Re-enter the new 4- to 8-digit GPS PIN to confirm.</p>

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products

feature	
speaker-phone	<p>To activate the speakerphone while driving, press and hold the speakerphone key .</p>
auto answer	<p>To automatically answer calls when connected to a car kit or headset press  > Settings > Phone Calls > Auto Ans. Select the number of rings before answering.</p>

personalize



feature	
language	To set the language of your menu press  > Settings > Display/Info > Language .
backlight time length	To select how long the display screen and keypad are backlit press  > Settings > Display/Info > Backlight .
menu style	To show the Main Menu as graphic icons or a text-based list press  > Settings > Display/Info > Menu View .
clock display	To display the clock on your home screen press  > Settings > Display/Info > Clock > Display > On .



pc applications

feature	
other PC applications	For a list of complete PC applications visit www.motorola.com/iden


TTY








feature	
turn On TTY feature	From the home screen press  > Settings > Phone Calls > TTY > Use TTY > On .
choose TTY mode	From the home screen press  > Settings > Phone Calls > TTY > Type . Select from TTY , VCO or HCO .

feature	
change the TTY baud rate	From the home screen press  > Settings > Phone Calls > TTY > Baud . Select 45.45 or 50.00
change TTY mode during a call	While in the TTY call, press  > In Call Setup > TTY > Type . Select from TTY , VCO or HCO .

security

feature	
phone lock	To lock the phone press  > Settings > Security > Phone Lock > Lock Now or Auto Lock .

feature	
keypad lock	To lock the keypad press  > Settings > Security > Keypad Lock > Lock Now or Auto Lock Shortcut: To lock the keypad press  > 
enable SIM PIN	To enable SIM PIN, press  > Settings > Security > SIM PIN > On .
change SIM PIN	To change the SIM PIN, press  > Settings > Security > Change Passwords > SIM PIN .

Note: You can make emergency calls on a locked phone (see page 44). A locked phone still rings or vibrates for incoming calls or messages, but you need to unlock it to answer.



MOTOROLA

Important Safety and Legal Information

Safety and General Information

This section contains important information on the safe and efficient operation of your phone. Read this information before using your integrated multi-service portable radio.*

Exposure to Radio Frequency (RF) Energy

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

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

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. 1-2005 Edition.*
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) "Regulation of the limitation of exposure to

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

electrical, magnetic, and electromagnetic fields in the radio frequency range between 9 kHz and 300 GHz." "Attachment to Resolution 303 from July 2, 2002."

Operational Precautions

To assure optimal radio product performance and to be sure that human exposure to RF does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

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

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

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.**



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. If you do not use a body-worn accessory supplied or approved by Motorola 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, or if you hang your device from a lanyard around your neck, keep the device at least 2.5 centimeters (1 inch) from your body when transmitting.

Approved Accessories

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn OFF your radio product where posted notices instruct you to do so.

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

Implantable Medical Devices

If you have an implantable medical devices, such as a pacemaker or defibrillator, consult your physician before using this radio product.

Persons with implantable medical devices should observe the following precautions:

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

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using

your wireless phone with your implantable medical device, consult your health care provider.

Hearing Aids

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

Other Medical Devices and Health Care Facilities

If you use any other personal medical devices, consult your physician or the manufacturer or your device to determine if it is adequately shielded from RF energy. Turn off your radio product when instructed to do so in hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Driving Precautions

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

When using your radio product while driving, please:

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

- Do not place a handset in the airbag deployment area.

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

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Operational Warnings

Obey all posted signs when using phones in public areas.

Potentially Explosive Atmospheres





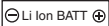
Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust or metal powders.



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

Batteries and Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the “Battery Use and Battery Safety” section in this user’s guide.

Your battery, charger, or portable radio may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or phone in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or phone in the trash.
	Your phone contains an internal lithium ion battery.

Symbol	Definition
	Do not let your battery, charger, or phone get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Choking Hazards

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

Glass Parts

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

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your phone.

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

Caution About High Volume Usage



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

Repetitive Motion

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

Service & Repairs

If you have questions or need assistance, we're here to help. Go to www.motorola.com/iden, where you can select from a number of customer care options. You can also contact the

Motorola Customer Support Center at 1-800-453-0920 (United States), 1-877-483-2840 (TTY/TDD United States for hearing impaired).

Export Law Assurances

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

Specific Absorption Rate Data

ALL MODELS WITH FCC ID IHDT56HG1 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 radio frequency (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.¹ 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 1.54 W/kg and when tested on the body, as described in this user guide, is 1.48 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)²

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. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.ctia.org> or the Canadian Wireless Telecommunications Association (CWTA) Web site: <http://www.cwta.ca>

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

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

Limited Warranty Motorola Communications Products (International)

What Does this Warranty Cover?

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:

Products Covered	Length of Coverage
iDEN Subscriber Digital Mobile and Portable Units	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Product Accesories (manufactured by or under license from MOTOROLA).	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Batteries.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.

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 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.

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 TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW. 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.

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.

What This Warranty Does Not Cover:

- Defects or damage resulting from use of the Product in other than its normal and customary manner.
- Defects or damage from misuse, accident, water, or neglect.
- Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- Breakage or damage to antennas unless caused directly by defects in material workmanship.

- A Product subjected to unauthorized Product modifications, disassembles or repairs (including, without limitation, the addition to the Product of non-MOTOROLA supplied equipment).
- Product which has had the serial number removed or made illegible.
- Rechargeable batteries if:
Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
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.
- Freight costs to the repair depot.
- 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.
- Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- Normal and customary wear and tear.
- Exclusion for defects or damage arising from use of the products in connection with non-MOTOROLA equipment.

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:

- That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- 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 sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

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Hearing Aid Compatibility

A number of Motorola phones have been tested for hearing aid compatibility. When some wireless phones are used with certain hearing aids, users may detect a noise which can interfere with the effectiveness of the hearing aid.

Some hearing aids are more “immune” than others to this interference noise, and phones can also vary in the amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both mobile phone and hearing aids to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing aid users find phones that may be compatible with their hearing aid. Not all phones have been rated for compatibility with hearing aids. Phones that have been rated have a label with the rating(s) located on the box, and at www.motorola.com/accessibility.

These ratings are not guarantees of compatibility. Results will vary depending on the user’s hearing aid and individual type and degree of hearing loss. If a hearing aid is particularly vulnerable to interference, even a phone with a higher rating may still cause unacceptable noise levels in the hearing aid. Trying out the phone with your hearing aid is the best way to evaluate it for your personal needs.

“M” Rating: Phones rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing aids than unrated phones. (M4 is the “better” or higher of the two ratings.) On those models with an extendable antenna, this rating is determined only with the antenna extended.

“T” Rating: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing aid’s telecoil (“T Switch” or “Telephone Switch”) than unrated phones. (T4 is the “better” or higher of the two ratings.) On those models with a telecoil mode setting, this rating is determined only with the phone so set. For setting instructions, see “Features for the Hearing Impaired” in the section entitled “Advanced Calling Features”. Note that not all hearing aids have telecoils in them.

Hearing aids may also be measured for immunity to interference from wireless phones and may have ratings similar to wireless phones. Ask your hearing health care professional for the rating of your hearing aid. Add the rating of your hearing aid and your phone to determine the estimated usability:

- Any combined rating equal to or greater than six offers excellent use.
- Any combined rating equal to five is considered normal use.

- Any combined rating equal to four is considered usable.

Thus, if you use an M3 phone with a M3 hearing aid you will have a combined rating of six for "excellent use." This methodology applies equally for T ratings.

More information about hearing aid compatibility may be found at: www.motorola.com/accessibility, www.fcc.gov, www.fda.gov, and www.hearingloss.org/learn/cellphonetech.asp

Information From the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF

exposure by limiting the length of calls or by using hands-free devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

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

Product Registration

Online Product Registration:

<http://direct.motorola.com/hellomoto/Motosupport/source/registration.asp>

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

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

Thank you for choosing a Motorola product.

Wireless: The New Recyclable

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

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

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

<http://recycling.motorola.young-america.com/index.html>

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

There is no special handling required by consumer.

Patent and Trademark Information

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Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your phone may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access:** Keep your phone with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date:** If Motorola or a software/application vendor releases a patch or software fix for your phone which updates the device's security, install it as soon as possible.
- **Erase before recycling:** Delete personal information or data from your phone prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, please contact your local service provider.

- **Understanding AGPS:** In order to comply with emergency caller location requirements of the FCC, certain Motorola phones incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location, for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how use of your phone may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call SmartSM

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

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

- **Get to know your Motorola 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 phone with one of the many Motorola Original hands-free accessories available today.
- **Position your phone within easy reach.** Be able to access your 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.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility, driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your phone to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.**

- **Use your 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 911 or other local emergency number, as you would want others to do for you.**
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

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