MOTOROLA

i296

User Guide

SouthernLINC Wireless

A Southern Company

DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)

FC

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: i296
Model Number: H88XAH6JR2AN
FCC-ID: IHDP56KY1
Conforms to the following regulations:
FCC Part 15, subpart B, section 15.107(a), 15.107(d) and section 15.109(a)

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID: IHDP56KY1 on the product label.

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

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. See 47 CFR Sec. 15.19(3).
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.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.
This Class B digital apparatus complies with Canadian ICES-003.

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-453-0920 (United States)
1-877-483-2840 (TTY/TDD United States for hearing impaired)

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.

T9® Text Input Patent and Trademark Information.

This product is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.
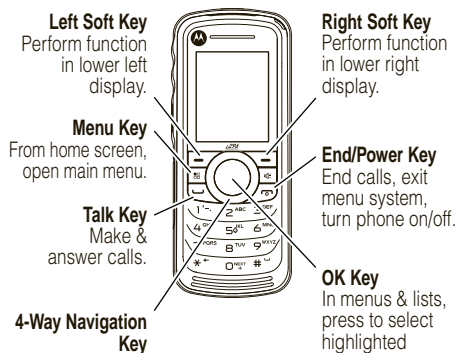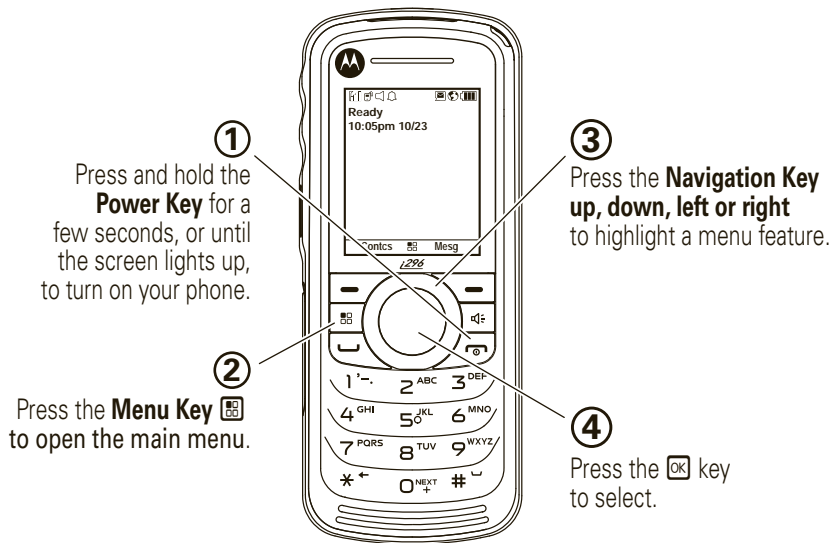
Manual Number: NNTN7905B

HELLOMOTO

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

Volume Keys

PTT Button

2.5mm Audio Jack

Micro USB Connector
Connects charger and accessories.

Speaker Key

On/Off Key

Left Soft Key
Perform function in lower left display.

Menu Key
From home screen, open main menu.

Talk Key
Make & answer calls.

4-Way Navigation Key

Right Soft Key
Perform function in lower right display.

End/Power Key
End calls, exit menu system, turn phone on/off.

OK Key
In menus & lists, press to select highlighted option.

check it out

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

② Press the **Menu Key** 🔲 to open the main menu.

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

④ Press the ⎙ key to select.

contents

menu map

main menu

Settings
- (see next page)

Downloads Store

Mobile Web

Java™ Apps
- Java™ System

Recent Calls

PTT Features
- Send Mesage
- Send Picture
- Send Event
- Send My Info
- Send Contact
- Configure

Bluetooth®
- Hands Free
- Link to Devices
- Device History
- Setup
- Find Me

GPS
- Position
- Privacy
- Interface

Datebook

My Info
- My Name
- Line 1
- Line 2
- PTT ID
- Group ID
- Carrier IP
- IP1 Address
- IP2 Address

Voice Record
- [New VoiceRec]

Call Alert

Ring Tones
- Buy Ring Tones
- Vibrate All
- (Ringers)
- Vibrate
- Silent

Profiles

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

Memo

Shortcuts

Call Forward

Messages
- [Create Message]
- Voice Mail
- Inbox
- Drafts
- Outbox
- Sent Items
- Net Alert
- Fax Mail

Contacts
- [New Contact]
- [New Msg Group]

Media Center

LINCaround
- Go To LINCaround
- Setup
- Help

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

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
  - Hearing Aid
  - Notifications
  - DTMF Dialing
  - Prepend

- **Push To Talk**
  - Tkgrp Silent
  - Tkgrp Area
  - One Touch PTT
  - Alert Type
  - PTT Quick Notes
  - On/Off 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

essentials

Caution: Before using the phone for the first time, read the important "Safety, Regulatory & 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 > Phone Calls

This means that, from the home screen:

1 Press the *menu key* ▣ to open the main menu.

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

3 Press the navigation keys to scroll to Phone Calls, and press ◯ to select it.
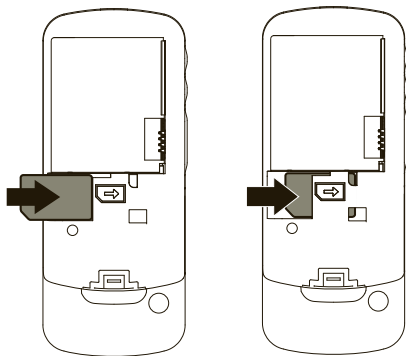
symbols	
🔊	This means a feature is network or subscription dependent and may not be available in all areas. Contact customer service for more information.
🔋	This means a feature requires an optional accessory.

SIM card

insert the SIM card

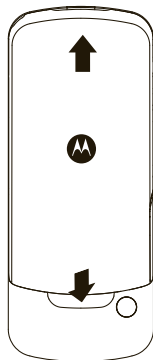**Warning:** To avoid loss or damage, do not remove the SIM card from your phone unless absolutely necessary.
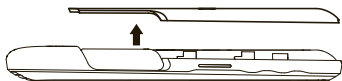
battery

Note: Please review "Battery Use & Safety" on page 62 before using your phone.
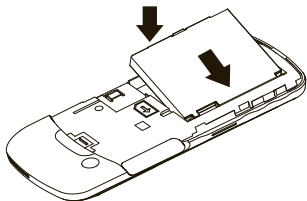
battery installation

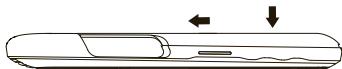**1** Press down on the battery door latch, and slide the battery door up.

2 Remove the battery door.

3 Push the battery down until it clicks in place.

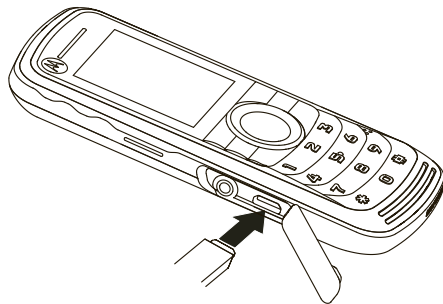**4** Replace the battery door, and slide it toward the base of the phone until it locks into place.

battery charging

New batteries are not fully charged.

charge using the charger

Pull out the connector cover, rotate it, and insert the charger into the micro USB connector on your phone as shown.

charge from your computer

You can partially charge your phone's battery by connecting a Motorola-approved USB cable from your phone's micro USB connector 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.

battery indicators

▥	The battery is between 90% and 100% capacity when the indicator is blue and displaying three bars.
▥	The battery is at approximately 65% capacity when the indicator is green and displaying two bars.
▥	The battery is at approximately 10% capacity when the indicator is yellow and displaying one bar.
▪	The battery is at approximately 5% capacity when the indicator is red and has a flashing red bar.
▥	The battery is charging.

turn it on & off

To turn on your phone, press and hold the *power key* 🔚 for a few seconds or until the display turns on. If prompted, enter your four-digit unlock code.

Note: If you press 🔚 for more than four seconds, the phone will turn on in transmitters off mode. See "transmitters off" on page 28.

To turn off your phone, press and hold 🔲 for a few seconds.

enable security

You will need to enable security the first time you power on your phone, or within 10 days of the first time you activate the phone.

1 Press 🔲 under **Ok**.

2 You are prompted to enable security. Press 🔲 under **Yes** and follow on screen instructions.

3 Press 🔲 to return to the home screen.

make a phone call

Enter a phone number and press the *talk key* 🔲 or use a voice command. See "place a call using a voice name" on page 48.

To hang up press 🔲.

answer a phone call

- If you want to answer the call on speakerphone, press the *speaker key* 🔲.

- If you want to answer the call using the phone, press 🔲. To hang up press 🔲.

- If you are using a Bluetooth® headset, press the answer key on your headset. To hang up press the key again.

advanced calling

feature	
call waiting	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 🔲.

feature	
3-way call	Make or receive a phone call and press $\boxed{\boxdot}$ > **3 Way**. Enter the second phone number, press $\boxed{\boxdot}$ and $\boxed{\boxminus}$ under **Join**.
	You cannot make any other calls during a three-way call, even if one party hangs up.
any key answer	To answer phone calls by pressing any keypad key, press $\boxed{\boxdot}$ > $\raisebox{0pt}{\scriptsize\textbf{❄}}$ **Settings** > **Phone Calls** > **Any Key Ans** > **On**.

make a push to talk call

Your *PTT ID* is the number at which you receive one-to-one push to talk calls.

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

To **make** a push to talk call:

1 Enter the PTT 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 $\boxed{\text{\textreferencemark}}$.

Note: A push to talk call ends automatically if there is no activity on the call for a few seconds.

send call alerts

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

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

To **send** a call alert:

1 Enter the PTT ID you want to call.

2 Press ⊟ under Alert.

3 When Ready To Alert appears in the display, press the PTT button until you see Alert Successful.

answer a push to talk call

1 When your phone emits a chirping sound or vibrates to indicate you are receiving a push to talk 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 回.

answer a call alert

When you receive a call alert, you cannot receive phone calls or push to talk calls until you do one of the following:

option	
Answer	Press the PTT button to begin a push to talk call with the sender.
Queue	Press ⊟ under Queue to store the call alert to the call alert queue.
Clear	Press ⊟ under Clear to dismiss and delete the call alert.

store a phone number or PTT ID

You can store a phone number or PTT ID in Contacts:

Find it: [⊞] > [] Contacts > [New Contact]

Shortcut: From the home screen, press $\boxminus$ under Contcs and select [New Contact].

1 Enter a name for the new entry, then press $\boxed{\text{OK}}$. The entry's name can contain up to 20 characters.

2 Highlight a **Ringer**, then press $\boxed{\text{OK}}$.

3 Select the entry type (Mobile, PTT ID, Work1, Work2, Home, Email, Fax, Pager, Talkgroup, Msg Group, IP, or Other). To store a PTT ID, choose PTT ID.

4 Enter the number for the entry, then press $\boxed{\text{OK}}$.

5 Press $\boxminus$ under **Save** to save the entry.

contacts

feature	
edit/delete contact entry	Press $\boxminus$ under Contcs. Highlight a contact and press $\boxed{\text{⊞}}$ > Edit. Change the desired content, then press $\boxminus$ under Done.
set ringer ID	Press $\boxminus$ under Contcs. Highlight a contact and press $\boxed{\text{⊞}}$ > Edit. Select Ringer and chose your desired ring tone. Press $\boxminus$ under Done.

call a stored phone number or PTT ID

Find it: $\boxed{\text{⊞}}$ > $\blacktriangledown$ Contacts

Shortcut: From the home screen, press $\boxminus$ under Contcs.

1 Highlight the **Contacts** entry.

2 If the entry contains more than one number, scroll left or right until the number you want to call is shown (**Mobile**, **PTT ID**, **Work1**, **Work2**, **Home**, etc.).

3 If you chose a phone number, press ⊡ to call the number.

or

If you chose a PTT ID or talkgroup ID, press and hold the PTT button to call the number.

find your phone number and PTT ID

Find it: [▦] > ▧ My Info

messaging

You can send and receive SMS text messages.

create & send messages

Find it: [▦] > ◈ Messages > [Create Message]

Shortcut: From the home screen, press ⊡ under **Mesg** and select [Create Message].

1 Enter the phone number of the person you want to send the message to and press ◻, or press ⊡ under **Search** to select a contact or recent call.

2 Enter your message in the **Mesg** field.

or

Press ⊡ under **QNotes** to insert a short, pre-written *quick note* phrase in the message field.

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3 When finished writing your message, press `OK`.

4 To send the message, press `▭` under Send.

receive messages

When you receive a message, your phone plays an alert and shows a notification.

- To view the message, press `▭` under Read.

- To dismiss the message notification, press `▭` under Exit.

To read your messages later, press `▦` > Ⓢ Messages > Inbox.

manage received messages

feature	
forward a message	Highlight the message and press `▦` > Forward. Embedded objects and attachments are also forwarded.
reply to a message	Open the message and press `▭` under Reply to reply to the sender only.
call a phone number in a message	Open the message, highlight the number, and press `☎` to call it.
call a PTT ID in a message	Open the message, highlight the PTT ID, and press the PTT button to call it.

feature	
call a talkgroup ID in a message	Open the message, highlight the talkgroup ID, press 🔠 > **Talkgroup**, and press the PTT button to call it.
delete a message	Highlight the message and press ▬ under **Delete**. Press ▬ under **Yes** to confirm.

message groups

You can create a message group to send messages to groups of up to 20 contacts.

create message groups

Find it: 🔠 > 🐚 **Contacts** > **[New Msg Group]**

Shortcut: From the home screen, press ▬ under **Contcs** and select **[New Msg Group]**.

1 Select **[Add Member]** and select the contacts you want to add to the group.

2 When you are finished adding members to the group, press ▬ under **Done**.

3 Type a name for the message group in the **Name** field.

   Note: If you do not provide a name for the message group, the default name will be **Msg Group** followed by the number of group members. For example, a message group with three members would be named **Msg Group (3)**.

4 Press ▬ under **Save**.

manage message groups

feature	
view a message group	Press 📱 > 📇 **Contacts**, highlight the message group and press 🆗.
add members	Press 📱 > 📇 **Contacts**, highlight the message group and press 📱 > **Edit** > **[Add Member].** Select the contact(s) you want to add and press ▭ under **Done**. Press ▭ under **Save**.
remove members	Press 📱 > 📇 **Contacts**, highlight the message group and press 📱 > **Edit**. Highlight the member to remove and press 📱 > **Remove Member**. Press ▭ under **Save**.

feature	
delete a message group	Press 📱 > 📇 **Contacts**, highlight the message group and press 📱 > **Delete Msg Group**. Press ▭ under **Yes** to confirm.

manage your messages

cleanup messages

Set how long and/or how many messages are stored in the inbox and sent items folders. This feature deletes only read messages, unlocked messages, and sent messages.

Find it: 📱 > 📩 **Messages**, press 📱 > **Setup** > **Cleanup**

1 Select **Inbox** or **Sent Items**.

2 Choose a cleanup option from the following list:

option	
Off	Messages are never automatically deleted.
5 Messages	Messages are deleted in the order they were received, starting with the oldest, until five are left.
10 Messages	Messages are deleted in the order they were received, starting with the oldest, until 10 are left.
1 Day	Messages are deleted if they are older than one day.
3 Days	Messages are deleted if they are older than three days.
F-In F-Out	Messages are deleted as necessary on a first-in first-out basis.

option	
Custom	Specify clean-up settings of up to 199 messages or 99 days for the inbox and sent items.

3 Press 🔲 under **Yes** to automatically delete messages now, or press 🔲 under **No** to delete messages later.

message threads

If message threads are supported by your service provider, you can organize your messages by subject or sender.

Find it: 🔠 > 🖂 **Messages**, press 🔠 > **Threading** > **None** or **Subject** or **Sender**

edit & send drafts

Saved unsent messages are stored in the drafts folder.

Find it: 🔠 > 🖂 **Messages** > **Drafts**

1 To **edit** a draft, select it to open it. You can change or add recipients, and edit the message.

2 To **send** a draft, select it to open it and press $\boxminus$ under Send. When you send a draft, it is removed from the drafts folder.

Note: To **delete** a draft without sending it, highlight the message you want to delete and press $\boxminus$ under Delete. Press $\boxminus$ under Yes to confirm.

more mesage management

feature	
delete an unread message	Press 🔡 > 🐧 Messages > Inbox. Highlight the message and press $\boxminus$ under Delete. Press $\boxminus$ under Yes to confirm.
view unsent messages	Press 🔡 > 🐧 Messages > Outbox.

feature	
resend a failed message	Press 🔡 > 🐧 Messages > Outbox. Highlight the message and press $\boxminus$ under Resend.
cancel an unsent message	Press 🔡 > 🐧 Messages > Outbox. Highlight the message and press 🔡 > Delete Message.
forward a sent message	Press 🔡 > 🐧 Messages > Sent Items. Highlight the message and press 🔡 > Forward. Make edits if you want, then select the recipient and press $\boxminus$ under Send.

feature	
delete a sent message	Press $\boxed{\text{⊞}}$ > ✍ **Messages** > **Sent Items**. Highlight the message and press $\boxed{\text{▭}}$ under **Delete**. Press $\boxed{\text{▭}}$ under **Yes** to confirm.

datebook

feature	
create datebook events	To create a new datebook event, press $\boxed{\text{⊞}}$ > 🗓 **Datebook** and press $\boxed{\text{▭}}$ under **New**.
see datebook event	To see a datebook event, press $\boxed{\text{⊞}}$ > 🗓 **Datebook**. Scroll to the date and select it, then scroll to the event and select it.

feature	
event reminder	When an event reminder occurs, press $\boxed{\text{▭}}$ under **View**. To close the reminder, press $\boxed{\text{▭}}$ under **Back**.
receive datebook events via PTT	To view the information while still in a private call, press $\boxed{\text{OK}}$. The five most recent events received from a private ID are stored with that private ID on the recent calls list. To store events to the datebook, press $\boxed{\text{▭}}$ under **Save** while viewing the event you want to store.

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datebook setup

Find it: 🔡 > 📆 **Datebook**, press 🔡 > **Setup**

You can view or change the following options:

options	
Start View	Sets the datebook to start in day view, week view, or month view.
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 the 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.

options	
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; sets year.

use your phone as a modem

Your phone can be connected to a computer via USB for use as a modem. For more specific information on how to set up your phone for use with your computer, please visit www.motorola.com/support and look under the FAQ section.

basics

See page 1 for a basic phone diagram.

display

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

Note: Your home screen may look different.

Time & Date

Left Soft Key Label

Right Soft Key Label

— Contcs ⊞ Mesg —
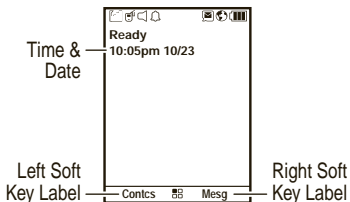
Soft key labels show the current soft key functions. For soft key locations, see page 1.

status indicators

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

1 2 3 4   5 6 7

Ready
10:05pm 10/23

Contcs ⊞ Mesg
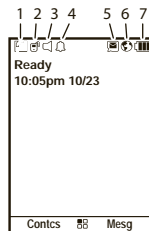
1 Signal Strength Indicator: Vertical bars show the strength of the network connection. You can't make or receive calls when 🔊 shows.

2 Active Phone Line: 📵¹ indicates phone line 1 is ready to make calls; 📵² indicates phone line 2 is ready to make calls.

3 Speaker On/Off: Sounds associated with push to talk calls and group calls can be set to come through the earpiece rather than through the speaker.

4 Ringer Vibe/Off: Your phone is set to ring.

5 Message Indicator: Shows when you receive a text message or voicemail message.

6 Packet Data: Your phone is ready to transfer packet data or is transferring packet data when it shows a blinking arrow.

7 Battery Charge Indicator: A fuller battery indicates a greater charge. Recharge the battery when your phone shows Low Battery.

main menu
=========

All your phone's features can be accessed through the main menu. You can set the main menu to appear as Icon View or List View.

Find it: 🔠 > 🛠 Settings > Display/Info > Menu View

text entry
==========

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

change the character input method

1 When you see a screen where you can enter text, press 🔠 to change the character input method.

2 Select one of the following options:

entry method	
Alpha	Press a key several times for different characters.
Word	Enter words using a predictive text entry system that lets you enter a word with fewer keypresses.
Symbols	Enter symbols.
Numeric	Enter numbers by pressing the numbers on the keypad.
Text Settings	Selects the desired entry languages and Word Prediction features.

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

word method

The word text input method lets you enter text into your phone by pressing keys just once per letter.

The word text input method combines the groups of letters found on each phone key with a fast-access dictionary of words, and recognizes what you want to text as you type. It first offers the most commonly-used word for the key sequence you enter and lets you access other choices with one or more presses of the 0 key. You may also hold the navigation key down to display a pop-up list of choices.

enter a word using word method character input

1 Select the **Word** character input method.

2 Press the corresponding keys once per letter to enter a word (for example, to enter the word Bill, press 2 4 5 5).

(If you make a mistake, press ✱ to erase a single character. Press and hold ✱ to delete an entire entry.)

3 To accept a word and insert a space, press #.

To accept a word completion (such as Billion when you entered Bill), press the navigation key right.

If you get a word you don't want, you can press 0 to see more word choices and pick the one you want.

alpha method

To enter characters by tapping the keypad:

1 Select the **Alpha** character input method.

2 Press the corresponding keys repeatedly until the desired letter appears. (For example, to enter the word **Bill**, press 2 twice, 4 three times, 5 three times, and 5 three times again. If you make a

mistake, press **Delete** to erase a single character. Press and hold **Delete** to erase an entire word.)

By default, the first letter of an entry is capitalized and the following letters are lowercased. When you enter a character, 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 Â À Ç
3	D E F 3 É Ê È
4	G H I 4 Í Ì
5	J K L 5
6	M N O 6 ñ Ó Õ Ô Ò
7	P Q R S 7 ß

characters	
8	T U V 8 Ú Ü Û Ù
9	W X Y Z 9
0	+ - 0 * / \ [ ] = > < # §
#	Space / Shift
*	Back

When entering text, press and hold # to switch between lowercase and uppercase letters. The icons in the upper left-hand corner of the screen show the character type.

character type	
a˙ or aₑ	Lowercase
A˙ or Aₑ	Uppercase
Aₐ or Aₐ	Shift Lock
123	Numerical
@?!	Symbols

volume

Press the volume keys up or down to:

- change the earpiece volume during calls

- change the ringer volume from the home screen

  Tip: You can quickly set your ringer to **Vibrate All** by holding the down volume key in the home screen.
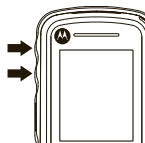
navigation key

Press the *navigation key* up, down, left, or right to scroll to items in the display. When you highlight the desired item, press OK to select it.
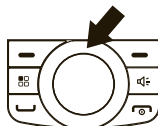
handsfree speaker

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

During a call, press ⊡ under **Spkr** to turn the handsfree speaker on.

The handsfree speaker stays on until you press ⊡ under **Spkr** again, or until you end the call.

transmitters off

Consult airline staff about using the transmitters off feature during flight. Turn off your phone whenever instructed to do so by airline staff.

The *transmitters off* feature turns off your phone's calling and Bluetooth® features in situations where wireless phone use is prohibited. You can use the phone's other

non-calling features when transmitters are turned off.

Find it: ⊞ > 嗨 Settings > Advanced > Transmitters > Off

use GPS with map software

Your phone can be connected to a PC, laptop, or PDA over a USB cable connection for use as a GPS receiver. For more specific information on how to set up your phone for use with your computer please visit www.motorola.com/support and look under the FAQ section.

features for the hearing impaired

using your phone with a hearing aid

For best results use the following optimization procedures and phone setting. They generally apply as well for users with cochlear implants:

optimize your phone position and orientation

While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.
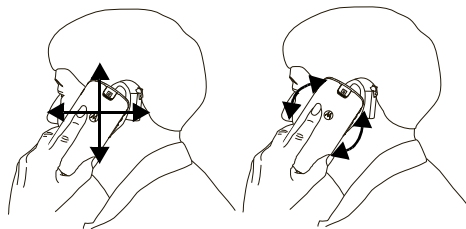
If your HA has a telecoil, activate its switch, then also rotate the phone as illustrated to align the telecoils.

Note: Some automatically switched hearing aids may need an auxiliary switching magnet.

If you are unsure whether your HA is telecoil equipped or needs an auxiliary magnet, please refer to your HA user guide or contact a hearing aid professional or supplier.

Approximate telecoil location is within 6-13 mm of this location.

Off - Shut off
M - Microphone
T - Telecoil

Approximate telecoil location is just above the battery.
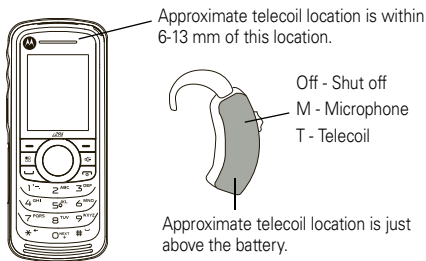
choose your hearing aid setting

Find it: 🔠 > 💥 Settings > Phone Calls > Hearing Aid > Off or Microphone or Telecoil

The **Microphone** option optimizes your phone for microphone coupling. The **Telecoil** option meets US federal requirements for telecoil coupling. The factory default setting for this feature is **Off**.

TTY

feature	
turn on TTY feature	Press 🔠 > 💥 Settings > Phone Calls > TTY > Use TTY > On.
choose TTY mode	Press 🔠 > 💥 Settings > Phone Calls > TTY > Type > TTY or VCO or HCO.
change the TTY baud rate	Press 🔠 > 💥 Settings > Phone Calls > TTY > Baud > 45.45 or 50.00.
change TTY mode during a call	While in the TTY call, press 🔠 > In Call Setup > TTY > Type > TTY or VCO or HCO.

security features

feature	
phone lock	To lock the phone, press 🔲 > ✿ Settings > Security > Phone Lock > Lock Now or Auto Lock.
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	Press 🔲 > ✿ Settings > Security > SIM PIN > On.
change SIM PIN	Press 🔲 > ✿ Settings > Security > Change Passwords > SIM PIN.
enable GPS PIN	Press 🔲 > ✿ Settings > Security > GPS PIN > On.

feature	
change GPS PIN	**Note:** When you receive your phone, your GPS PIN is 0000. To change your GPS PIN, press 🔲 > ✿ Settings > Security > Change Passwords > GPS PIN. Enter the current GPS PIN and enter the new four- to eight-digit GPS PIN. Re-enter the new GPS PIN to confirm.

Note: You can make emergency calls on a locked phone (see page 48).

main attractions

media center

The media center lets you access pictures and audio recordings stored in your phone's memory.

The following audio recordings can be accessed through the media center:

- voice records
- ringtones
- audio recordings saved from MMS messages
- audio recordings downloaded to your phone

Items in the media center can be sent to other devices over a Bluetooth® connection. See "Bluetooth® wireless" on page 42.

Pictures in the media center can be sent in push to talk calls. See "push to talk features" on page 33.

Audio files supported by the media center include:

Format	Sampling Rates/Bit Rates
.au	8 KHz/8 kbps
.midi	8 KHz
.mp3	8 KHz/32 kbps
.wav	8 KHz/64 kbps
.amr	12kbps

Image files supported by the media center include:

Format	Max. Image Size (in pixels)
.png	128 x 160
.gif	128 x 160
.jpg	640 x 480
.wbmp	128 x 160

push to talk features

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

- short text messages
- pictures (additional charges may apply)
- datebook events
- My Info
- contact information

You can choose to send messages, pictures, events, My Info or contact information to the PTT ID you are engaged in a push to talk call with, PTT IDs on the **Recent Calls** list, and PTT IDs stored in **Contacts**.

When you make or receive a push to talk call, your phone automatically determines whether the phone you are engaged in a push to talk call with is able to receive each of these items. Your phone saves this information for as long as the PTT 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 PTT ID.

Note: You cannot send push to talk items during talkgroup calls.

send messages

You can send short text messages in push to talk calls. When you send a message, it appears on the display of the phone you are engaged in the push to talk call with.

begin a message and choose a recipient

You can begin a message during a push to talk call, from the **Contacts** list, the **Recent Calls** list, or from the **PTT Features** menu.

begin a message during a push to talk call

While in a push to talk call, press [⊞] > **Use PTT Features** > **Send Message**.

Note: The first time you send a message, the phone shows **Messaging Fees May Apply. Continue?** and prompts you to respond.

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 PTT ID you want to send the message to.

2 Press [⊞] > **Use PTT Features** > **Send Message**.

begin a message from the PTT Features menu

The **PTT Features** menu lets you select the PTT ID you want to send the message to, from **Contacts** or the **Recent Calls** list.

Find it: [⊞] > 剪 **PTT Features** > **Send Message** > **Browse** > **Contacts** or **Recent Calls**

create messages

After you have begun a message and chosen a recipient, a screen display appears that lets you create the text of the message you want to send.

You can choose from a list of ready-made words or short phrases called quick notes. You can use a quick note as is or edit it before you send it. Editing a quick note changes the quick note for this message only and does 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 🔲 under **Read**.

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

You can send pictures stored in the media center through push to talk calls. The picture you send appears on the push to talk call recipient's display.

If the recipient accepts the picture, their phone saves the picture. The picture appears in their phone's recent calls list.

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

Note: You cannot make or receive push to talk calls while transmitting or receiving a picture.

send a picture during a call

1 While in a push to talk call, press $\square$ under **Picture** or press $\boxed{\text{⊞}}$ > **Use PTT Features** > **Send Picture**.

A list of pictures that can be included in a push to talk 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 push to talk call is temporarily interrupted while a picture is transmitted.

5 When prompted, press the PTT button to resume the push to talk call.

start a call by sending a picture

To send a picture from the **media center**:

Find it: $\boxed{\text{⊞}}$ > $\mathcal{Q}$ Media Center

1 Select the picture you want to send.

2 Press $\boxed{\text{⊞}}$ > **Send Via...** > **Send Via PTT**.

3 Select **A Contact** or **A Recent Call**.

A list of contacts that have PTT IDs and are able to receive pictures appears.

4 Select the name of the person you want to send the picture to.

5 Press the PTT button to send the picture.

6 When prompted, press the PTT button to resume the push to talk call.

To send a picture from the **PTT Features** menu:

Find it: $\boxed{\text{⊞}}$ > $\mathbb{\mathscr{g}}$ PTT Features > **Send Picture** > **A Contact** or **A Recent Call**

1 A list of contacts that have PTT IDs and are able to receive pictures appears. Select the picture you want to send

2 Press the PTT button to send the picture.

3 Once the picture has been sent, when prompted press the PTT button to resume the push to talk 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 the media center.

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 your phone on, the phone shows **Picture Fees May Apply. Continue?** and prompts you 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 on a call, press 🔡 > **Clear Screen**.

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

send a datebook event

To send a datebook event during a push to talk call:

1 Press 🔠 > Use PTT Features > Send Event.

Note: If these options do not appear on the menu, the PTT ID you are engaged in a push to talk call with is not able to receive datebook events.

2 If you want to create a new datebook event, press ▭ under New and create the event in your datebook. If you want to chose an existing event, do so.

3 If the event is a recurring event, select This Event Only to send only the event selected. Select Repeat Events to send all occurrences of the event.

4 Press the PTT button to send the event.

send my info

While in a **push to talk call**, press 🔠 > Send via PTT > Send My Info, and press the PTT button to send.

Alternatively, from the **home screen**, press 🔠 > My Info, then press 🔠 > Send via PTT and press 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: 🔠 > ⍟ PTT Features > Configure > PTT 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 PTT ID. You may also send

Line 1, Line 2, and Carrier IP, depending on your sending options.

automatic sending

To control whether you send your information automatically:

Find it: æ > ⁕ PTT Features > Configure > PTT My Info > Auto Send > On or Off

Select On to automatically send your information, or Off to turn off automatic sending.

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 PTT ID are not stored in the recipient's contact list.

send contact information

While in a **push to talk call**:

1 Press æ > Use PTT Features > Send Contact.

2 Select the contact information you want to send.

3 Press the PTT button to send.

Alternatively, from the **home screen**:

1 Press æ > ⁕ PTT Features > Send Contact.

2 Enter the PTT 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 press the PTT button.

turn PTT features on and off

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

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

Find it: 🔡 > 📻 PTT Features > Configure > On/Off Features

Check or uncheck **PTT Message**, **PTT Picture** and/or **PTT Event** to turn the feature on or off.

one touch PTT

Find it: 🔡 > 📻 PTT Features > 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 private ID on the recent calls list.
Assigned No.	Call a private ID you assign. Enter the number using your keypad, or press ⊟ under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**.
PTT Features	Go to the **PTT Features** menu.

option	
Send Message	Go to the first screen to send a message.
Send Picture	Go to the first screen to send pictures. See "send pictures" on page 35.
Send Event	Go the first screen to send a datebook event. See "send a datebook event" on page 38.
Send My Info	Go to the first screen to send My Info. See "send my info" on page 38.
Send Contact	Go to the first screen to send a contact. See "send contact information" on page 39.

PTT Features menu

To quickly access push to talk features from the main menu:

Find it: 🔢 > 💬 PTT Features

To **send an item** through a push to talk call, select Send Message, Send Picture, Send Event, Send My Info, or Send Contact. After choosing the item you want to send, select a contact and press the PTT button to send it.

Select Configure to configure PTT Quick Notes, PTT My Info, One Touch PTT, or On/Off Features.

Bluetooth® wireless

Find it: [▦] > ❸ Bluetooth

turn Bluetooth on or off

You can turn your phone's Bluetooth feature on or off. While Bluetooth power is on, your phone can communicate with other devices.

Find it: [▦] > ❸ Bluetooth > Setup > Power > On or Off

1 Select **On** to turn on Bluetooth power.

2 Select **Name** if you wish to assign a name to your phone.

3 Select **Find Me Time** to determine the amount of time in which your phone can be found by other Bluetooth devices.

You can turn off Bluetooth if you want to prolong battery life or if you enter an area where Bluetooth use is prohibited.

make a Bluetooth connection

connect your phone with a Bluetooth headset

Find it: [▦] > ❸ Bluetooth > Hands Free

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

1 Follow the instructions on your Bluetooth headset to set it up to be found.

2 Once your Bluetooth headset is set to be found, select **[Find Devices]**. Your phone will scan for all Bluetooth devices in range. Select your Bluetooth headset from the list of devices and press [OK].

3 Your phone requires that you pair it with the Bluetooth headset in order to create a connection. Press [▬] under **Yes** when you are prompted to pair with the headset.

4 Enter the Bluetooth pass key.

Some Bluetooth devices ship with Bluetooth PINs. Please refer to your Bluetooth device's user guide to locate this information.

If a device ships without a Bluetooth PIN, then you can enter any PIN for that device.

This phone offers the Bluetooth auto pair feature with auto pair compatible Motorola devices. When paired via Bluetooth with a certain device, the PIN will not be required.

5 Press ⊟ under **Ok**.

Note: Once your phone and headset have been paired, it will be stored on your phone and you will not need to pair them again unless the device is removed from memory.

connect your phone with another Bluetooth device

Find it: ▣ > ❸ Bluetooth > Link to Devices

1 Select the device you want from the list of found devices on your screen.

2 Create a bond if you are prompted to do so.

If you have previously connected to a device, the device will be stored on your phone so you can connect with it easily.

use Bluetooth during a call

You can connect with available Bluetooth devices during a call.

1 While in a call, press ▣ > Use Bluetooth.

2 Select the audio device you want to connect to from the list of Hands Free Devices.

If the Audio Devices list contains only one device, your phone will try to connect to it.

send information via Bluetooth

Your phone can transfer contacts, datebook events, audio files, and pictures to another Bluetooth device.

The receiving device must be within 32 feet (10 meters) of your phone in order to connect.

Note: Files sent or received may be up to 1 MB file size, depending on your service provider.

1 From the contact list, datebook, or media center, select the contact entry, datebook event, audio file, or picture you want to send.

2 Press 🔡 > **Send Via...** > **Bluetooth**.

3 Select the device you want to transfer the information to, or search for the device by selecting **[Find Devices]**.

4 If prompted, bond with the device.

Your phone connects with the device and transfers the information.

call features

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 push to talk calls, the recent call list contains the following PTT items with those calls:

- contact information received
- My Info received
- short text messages received
- pictures sent or received

- datebook events received

Find it: 🎛 > 🔊 Recent Calls

Shortcut: From the home screen, press ⊡ to open the recent calls list.

The recent calls list displays up to 20 of your most recent calls and call alerts. To view more details for a call or call alert, highlight it and press ⓞⓚ.

store an item to contacts from recent calls

Phone calls, push to talk calls, My Info, contacts, or location entries received from other phones can be stored to the contact list from the recent calls list.

Find it: 🎛 > 🔊 Recent Calls

1 Highlight or select the item you want to store.

2 Press 🖃 under **Save** to store the information as a new entry in the contact list.

   or

   Select an existing contact and update the information.

3 Press 🖃 under **Done** to save your changes.

redial

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

To redial your last push to talk call, you must set the one touch PTT feature to **Last Call** (see page 40).

caller ID

Caller ID helps you identify a caller before answering the phone, by displaying the number of the incoming call.

To block your phone number from being displayed for the next outgoing call:

1 Press ✱ 6 7.

2 Enter the number you want to call.

3 Press 🖃.

To permanently block your number, call your customer service provider.

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

To forward **all** calls:

1 Select Forward > All Calls.

2 Select To, enter the forwarding number and press ◖.

To set **different** forwarding numbers for different types of missed calls:

1 Select Forward > Detailed.

2 Enter forwarding numbers for the following options:

- **If Busy**: When your phone is on a call or transferring data.

- **If No Answer**: When you do not answer on the first four rings.

- **If Unreachable**: When your phone is out of coverage or powered off.

voice names

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 prompt to record the voice name.

4 Press ▢ under **Back** and ▢ under **Save**.

place a call using a voice name

Press and hold the speaker key 📢 until you are prompted to say the voice name. Speak the voice name, and your phone will automatically place the call.

emergency calls

Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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.

Note: Your mobile device can use GPS and AGPS signals to help emergency services find you. See "GPS & AGPS" on page 65.

Note: Emergency calls cannot be placed while the keypad is locked, or if your phone is displaying a **No Service** message in the home screen. To unlock the keypad, press 🔡 > ✱.

international calls

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

speed dial

Each phone number stored in your contact list 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 contact list are set for turbo dial. They can be called by pressing and holding the single-digit speed dial number (1 through 9).

voicemail

To receive voicemail messages, you must first contact your service provider to set up a voicemail account.

receiving a message

When you **receive** a voicemail message, your phone shows **New VoiceMail Message**, and the voicemail message indicator ⊠ appears at the top of the home screen.

To **listen** to the voicemail message, press ⊟ under **Call**.

To **dismiss** the voicemail message notification, press ⓞ or **Back**.

LINCaround

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

With LINCaround, you can make and receive two-way radio calls without network coverage. If you are travelling outside your service provider's coverage area, receiving a poor signal, or otherwise want to temporarily avoid using your service provider's network, you can switch to LINCaround and talk with anyone on your code and channel who is within range.

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

LINCaround lets you:

- Use code or private mode operation
- Use up to 10 channels

- Communicate with standalone LINCaround radios

Note: You cannot use LINCaround with older Family Radio Services products.

The following features and main menu items are unavailable while in LINCaround:

- On-network phone or private calls
- Data transmission
- Incoming message notification
- Datebook
- Call forwarding
- Call timers
- Call alerts

switch to LINCaround

To set your phone to LINCaround:

1 From the home screen, press [器]
   > **LINCaround** and press [OK].

2 Select **Go to LINCaround**.

Your phone shows **Switching to LINCAROUND Please Wait**. After a few seconds, the LINCaround home screen appears.

When the phone shows **LINCaround Ready**, you can begin using LINCaround.

While in LINCaround, the LINCaround icon [器] appears at the top of the home screen.

exit LINCaround

To switch to network mode:

1 From the LINCaround home screen, press [器] > **LINCaround Options** and press [OK].

2 Select **Exit LINCaround**.

Your phone shows **Switching to Network Please Wait**. After a few seconds, the network home screen appears.

talk range

While in LINCaround mode, phones should be a minimum of six (6) feet apart to maximize performance and improve transmission range.

channels and codes

Your phone has 10 channels and 15 codes. Channels are divided into sets of frequencies. Other parties may be talking on the same channel. Codes minimize interference from other parties when you are sharing the same channel.

LINCaround opens to the last code and channel used on your phone. You can view the

code and channel your phone is currently set to on the LINCaround home screen.

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

setting channels and codes

To set a **channel**:

1 From the LINCaround home screen, press ▬ under Edit.

2 Scroll to Channel.

3 Press ▬ under Edit.

4 Select a channel.

5 When you are finished, press ▬ under Back to return to the LINCaround home screen.

To set a **code**:

1 From the LINCaround home screen, press ▬ under Edit.

2 Scroll to Code.

3 Press ▬ under Edit.

4 Select a code.

5 When you are finished, press ▬ under Back to return to the LINCaround home screen.

making code calls

To make a code call:

1 From the LINCaround home screen or the channel and code edit screen, press and hold the PTT button. Transmit appears on the first line of display. Begin speaking

after your phone emits the LINCaround tone.

Note: The LINCaround tone consists of 4 rapid beeps.

2 Release the PTT button to listen.

If you receive an error message:

- No one is on your channel or code.

- You are out of range.

receiving code calls

When you receive a code call, **Receive** appears on the display. When you hear the LINCaround tone, you have six seconds to reply before the call times out.

To reply to the call, press the PTT button.

Note: You can terminate an incoming LINCaround call at any time by pressing `☎`.

receiving all LINCaround calls

If you set the code to **Receive All**, your phone can 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 code that the transmission was received on will replace **Receive All** on the display.

Note: You cannot initiate a code call when the code is set to **Receive All**.

To set the code to **Receive All**:

1 From the LINCaround home screen, press `⊟` under **Edit**.

2 Scroll to **Code**.

3 Press `⊟` under **Edit**.

4 Select **Receive All**.

5 When you are finished, press ▬ under **Back** to return to the LINCaround home screen.

To reply to a call with the code set to **Receive All**:

• Press the PTT button.

private LINCaround calls

If you want to have a private conversation without other parties listening in, you can make a private LINCaround call. The person you are calling must be in LINCaround and set to the same channel to receive your call.

private only

To set LINCaround to ignore code calls, so that you only make or receive private LINCaround calls, set your code to **Pvt Only**.

To set the code to **Pvt Only**:

1 From the LINCaround home screen, press ▬ under **Edit**.

2 Scroll to **Code**.

3 Press ▬ under **Edit**.

4 Select **Pvt Only**.

5 When you are finished, press ▬ under **Back** to return to the LINCaround home screen.

making a private LINCaround call

1 Enter the PTN of the person you want to call on your channel. If the PTN is more than 10-digits, enter the last 10-digits of the PTN, or scroll to a number or name in Contacts or the Recent Calls List.

2 Press 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 display.

If you receive an error message:

- The PTN you entered is invalid.

- The person that you are trying to reach is in network mode.

- The person that you are trying to reach is set to a different channel.

- The person that you are trying to reach is out of range.

receiving a private LINCaround call

The number or name of the person who is calling will appear in the display.

To reply, press the PTT button.

ending code calls and private LINCaround calls

Code calls and private LINCaround calls end automatically after six seconds of inactivity.

The LINCaround home screen will display.

Note: A private or code LINCaround call can be interrupted during the six-second idle time by another code call or private call.

making emergency calls while in LINCaround mode

If you attempt to make an emergency 911 call while in LINCaround mode, your phone automatically exits LINCaround mode and attempts to find a network signal.

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

You can set up LINCaround options on the LINCaround options screen. You can access this screen in both network and LINCaround modes.

To access setup options:

1 Press ⌹ > ⬙ **LINCaround** or **LINCaround Options.**

2 Select **Setup**.

You can set the following LINCaround options:

- **Direct Launch**: Launch directly into LINCaround when you select **LINCaround** from the main menu.

- **State Tone**: Have an alert sound notify you that you have used LINCaround for a specified interval.

using direct launch

To set your phone to launch LINCaround when you select **LINCaround** from the main menu:

1 From the setup screen, scroll to **Direct Launch** and press $\boxed{\text{OK}}$.

2 Select **On**.

Note: If **Direct Launch** is set to **On**, the LINCaround setup options will be unavailable from the main menu. However, you can still access setup options while in LINCaround by pressing $\boxed{\text{ :: }}$ > **LINCaround Options** > **Setup**.

To turn off direct launch:

1 From the setup screen, scroll to **Direct Launch** and press $\boxed{\text{OK}}$.

2 Select **Off**.

LINCaround Options will now display when you select **LINCaround** from the main menu.

using state tone

To set your phone to alert you after you have used LINCaround for a specified interval:

1 From the setup screen, scroll to **State Tone** and press $\boxed{\text{OK}}$.

2 Select the interval after which you want the tone to sound.

For example, if you select **1 hour**, you will be notified every hour that you are in LINCaround.

To turn off state tone:

1 From the setup screen, scroll to **State Tone** and press $\boxed{\text{OK}}$.

2 Select **Off**.

customize

ring tones

You can change the ring tones your phone uses to notify you of incoming calls and other events.

Find it: 🔠 > 🔔 Ring Tones

1 Set **Vibrate All** 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.

3 Select the feature(s) you want to assign the ring tone to.

4 When you are finished, press ⊟ under **Done**.

Note: The silent indicator 🔕 shows at the top of the home screen when you set your phone to **Silent**. The vibrate indicator 📳 shows when you set the phone to **Vibrate All**.

set your phone to vibrate

Set your phone to vibrate for all calls and alerts.

Find it: 🔠 > 🔔 Ring Tones > Vibrate All > On or Locked

- The **On** option lets you turn off **Vibrate All** by pressing the up volume key.

- The **Locked** option requires you to press and hold the up volume key to turn of **Vibrate All**. This option helps prevent you from accidentally turning of **Vibrate All**.

To set **Vibrate All** to **On** or **Locked** using the volume keys:

Press the down volume key multiple times to turn off the volume and set **Vibrate All** to **On**. Then press and hold the down volume key 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 Set **Vibrate All** to **Off**.

2 Select **Vibrate** from the list of ring tones.

3 Select the feature(s) you want to set to vibrate.

4 When you are finished, press ▭ under **Done**.

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

wallpaper

Set a previously saved photo or picture as a wallpaper (background) image on your phone's display screen or throughout all menu screens.

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

1 Select **Wallpaper**.

2 Scroll through the list of pictures and press ⬚ to select a picture.

You can set the wallpapers to change automatically after a certain period of time by turning on the **Auto Cycle** feature located in the

wallpaper menu. You can select from **5 minutes**, **15 minutes**, **1 hour**, **8 hours**, **Daily**, or **Startup**.

hide or show location

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

Allowing the network to detect your position using GPS technology can make some applications and services easier to use. Restricting access to your position information disables 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 from the following options:

option	
Restricted	No Java™ apps or similar software applications may view the location of your phone. However, location information may still be available to the phone's owner, fleet manager, or account administrator.
Unrestricted	All applications may view the location of your phone, without notifying you.

option	
Ask Access	When an application attempts to view the location of your phone, you will be prompted to give permission. However, location information may still be available to the phone's owner, fleet manager, or account administrator.

change GPS PIN

When you receive your phone, your GPS PIN is set to 0000. To change your GPS PIN:

Find it: 🔢 > 🐾 Settings > Security > Change Passwds > GPS PIN

1 Enter the current GPS PIN when prompted, then enter the new four-to-eight digit GPS PIN.

2 Re-enter the new GPS PIN to confirm.

Safety, Regulatory & Legal

Battery Use & Safety

Important: Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.

- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*

- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.

- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:

- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.

- Avoid leaving your phone in your car in high temperatures.*

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.*

- Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.

* Note: If the product guide expressly states that your **phone** is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do **not** exceed the stated limits, and ensure the stated precautions are taken. Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola

provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola 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 has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

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

Battery Charging

Notes for charging your phone's battery:

- 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.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate (IEEE)

Your model wireless phone meets the governmental requirements for exposure to radio waves.

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

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 1.43 W/kg, and when worn on the body, as described in this guide, is 1.28 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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

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

http://www.phonefacts.net

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

http://www.cwta.ca

Software Copyright Notice

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

Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices.

Navigation

Motorola strives to provide complete and accurate mapping information, directions, and other navigational data, using a combination of governmental and private location information sources. These sources may contain inaccurate or incomplete data. In some countries, complete information may not be available.

Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

Safety and General Information

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

Exposure to Radio Frequency (RF) Energy

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

Your mobile device 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 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

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

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone. **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 the mobile device on your body, always place the mobile device 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 mobile device 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

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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/phoneaccessories.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

Turn OFF your mobile device in any location where posted notices instruct you to do so.

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

Implantable Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket;
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that 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 mobile device with your implantable medical device, consult your health care provider.

Driving Precautions

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Input information about your destination and route prior to your drive. Do not input data or engage in text messaging while driving. Keep your eyes on the road while driving. Listen to the audible turn-by-turn directions, if available.

Also, using a mobile device or accessory may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found at www.motorola.com/callsmart (in English only).

Operational Warnings

Obey all posted signs when using mobile devices 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 mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

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

Symbol	Definition
⊠	Do not throw your battery or mobile device in the trash.
☔	Do not let your battery, charger, or mobile device get wet.
⚠	Listening at full volume to music or voice through a headset may damage your hearing.

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 "Battery Use & Safety."

Keep Your Mobile Device and Its Accessories Away from Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

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

Seizures/Blackouts

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

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

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

Caution About High Volume Usage

Warning: Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less

time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at www.motorola.com/hearingsafety (in English only).

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.

Use & 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. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.

extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.

microwaves

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

dust and dirt

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

cleaning solutions

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

shock and vibration

Don't drop your phone.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Note: FOR IDEN SUBSCRIBER PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES OR CANADA

Subject to the exclusions contained below, Motorola, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. **This limited warranty is a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:**

Products Covered	Length of Coverage
Products as defined above.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Accessories as defined above.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products or Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.
Software as defined above. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days from the date of purchase**.

What is not covered? (Exclusions)

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

Ornamental Decorations. Ornamental decorations such as emblems, graphics, rhinestones, jewels, gemstones and their settings, and other decorative elements, are excluded from coverage.

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

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

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

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software changes, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or

non-Motorola housings, antennas, or parts, are excluded from coverage.

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

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

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

Who is covered?

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

What will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to

personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

To obtain service or information, please call:

Motorola iDEN Customer Services 1-800-453-0920 or 954-723-4910

TTY-877-483-2840

Or visit us online at http://www.motorola.com/repair

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS

EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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

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

exercise of the exclusive rights reserved for Motorola, is permitted.

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.

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

Hearing Aid Compatibility With Mobile Phones

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

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

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

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

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than

phones that are not labeled. M4 is the better/higher of the two ratings.

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

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

Information From the World Health Organization

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

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

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

Thank you for choosing a Motorola product.

Export Law Assurances

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

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

Disposal of your Mobile Device Packaging & Product Guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

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 consumers.

Privacy and Data Security

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

- **Monitor access**—Keep your mobile device 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 mobile device that updates the device's security, install it as soon as possible.

- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

  Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).

- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device 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 Smart

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

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

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.

- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.

- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility, driving safely.

- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), 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).

Service and Repairs

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

Go to www.motorola.com/repair, 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).

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