



i296

User's Guide

DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: 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.

Motorola, Inc.
Consumer Advocacy Office
600 North US Highway 45
Libertyville, IL 60048

www.hellomoto.com

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.

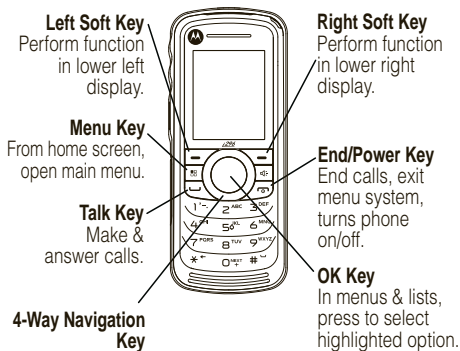
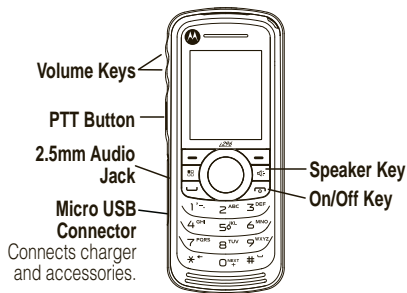
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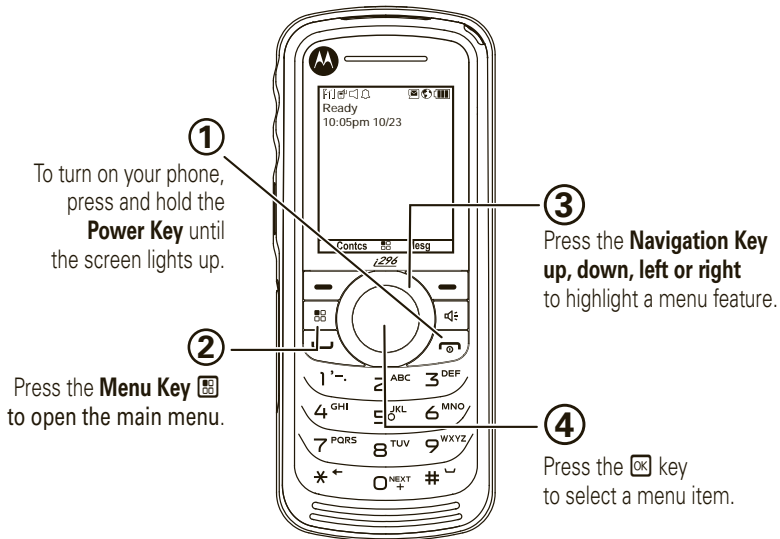
Manual Number: NNTN8051A

HELLOMOTO

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



check it out



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menu map

main menu



Settings

- (see next page)



Java Apps



Messages

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



Media Center



Contacts

- [New Contact]
- [New Msg Group]
- Boost



Call Alert



Ring Tones

- Vibrate All: On/Off
- Ring tones
- Vibrate
- Silent



Shop



Bluetooth

- Hands Free
- Link to Devices
- Device History

- Setup
- Find Me



Browser



Profiles



My Info

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



Datebook



VoiceRecord

- [New VoiceRec]



Call Forward



GPS

- Position
- Privacy
- Interface



Shortcuts

- [New Entry]
- 1)Shortcuts
- 2)Cntcs[New Contact]
- 3)Recent Calls
- 4)Contacts

- 5)Datebook
- 6)Messages
- 7)VoiceRecord
- 8)Browser
- 9)Call Forward



Recent Calls



Memo



PT Manager

- Send Event
- Send My Info
- Send Contact
- Configure



Call Timers

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



Talk Around

- Go To TA
- Setup
- Help
-

This is the standard Main Menu layout. Your phone's menu may be a little different. Press **More** to see more features.

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

2-Way Radio

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

Personalize

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

Volume

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

Security

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

Advanced

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

use and care

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



liquids of any kind

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



dust and dirt

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



extreme heat or cold

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



cleaning solutions

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



microwaves

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



the ground

Don't drop your phone.

essentials




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


about this guide

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

Find it:  >  > **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**  menu option and press the *center key*  to select it.

- 3 Press the *navigation keys* to scroll to **Phone Calls**, and press the *center key*  to select it.

symbols



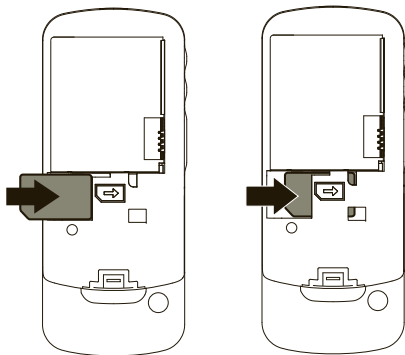
This means a feature is network or subscription dependent and may not be available in all areas, or might not be offered by your service provider. Contact customer service for more information.



This means a feature requires an optional accessory.

SIM card

insert the SIM card



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

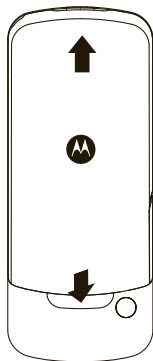
battery



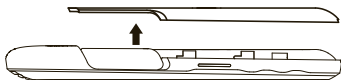
Note: Please consult “Battery Use and Safety” on page 72 before using this product.

battery installation

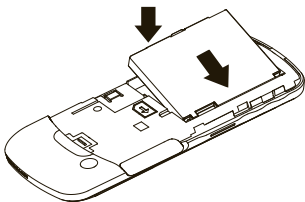
- 1 Press down on the battery door latch, and slide the battery door up.



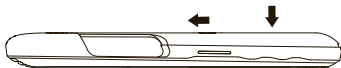
- 2** Remove the battery door.



- 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.

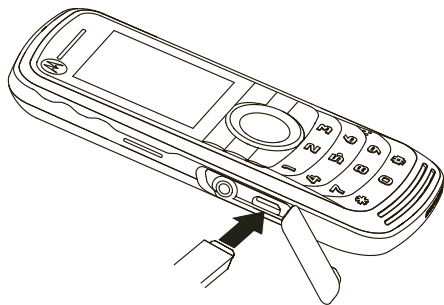


battery charging

New batteries are not fully charged.

charge using the charger

- 1** 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 port to a high power USB connector on a computer (not a low-power one, such as the USB connector on your keyboard or bus-powered USB hub). Typically, USB high-power connectors are located directly on your computer.


battery indicators


	The battery is at approximately 100% to 90% 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  for a few seconds or until the display turns on. If prompted, enter your four-digit unlock code.





Note: If you press the  for more than four seconds, the phone will turn on in **Transmitters Off** mode. See “transmitters” on page 32.

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 first activation of your 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  or use a voice command. See “place a call using a voice name” on page 51.

To hang up press .






answer a phone call

- If you want to answer the call on speaker phone, 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  .
3-way call	Make or receive a phone call and press  > 3 Way . Enter the second phone number, press  and  under Join . You cannot make any other calls during a three-way call, even if one party hangs up.

feature

any key answer

To answer phone calls by pressing any key on the keypad press  >  > **Phone Calls > Any Key Ans > On.**


make a private call

Your Private ID is the number at which you receive one-to-one Private calls.

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

to make a Private call

- 1 Enter the Private 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 .


Note: A Private 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 Private call.


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

to send a call alert

- 1 Enter the Private ID you want to call.
- 2 Press  under **Alert**.

When the message **Ready To Alert** appears on the display, press the PTT button until the message **Alert Successful** appears.



answer a private call

- 1 When your phone emits a chirping sound or vibrates to indicate you are receiving a Private 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 .

answer a call alert

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

option	
Answer	Press the PTT button to begin a Private call with the sender.


option	
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 private ID








You can store a phone number or private ID in **Contacts**:

Find it:  >  > [New Contact]

- 1 Enter a name for the new entry. Each entry's name can contain 20 characters.
- 2 Select a tone for the **Ringer**.
- 3 Select a type for the entry (**Mobile**, **Private**, **Work1**, **Work2**, **Home**, **Email**, **Fax**, **Pager**, **Talkgroup**, **IP** or **Other**). To store a private ID choose **Private**.


- 4 Enter the number for the entry and press  under **Save** when done.

contacts

feature	
edit/delete contact entry	Press  under Contcs . Select a contact and press  > Edit . Change the desired content and press  . Press  under Save .
set ringer ID	Press  under Contcs . Select a contact and press  > Edit . Select Ringer and chose your desired ring tone. Press  under Back .

call a stored phone number or private ID

Find it:  > 

- 1 Scroll to the **Contacts** entry.
- 2 If the Contacts entry contains more than one number, scroll left or right until the type of the number you want to call is displayed (**Mobile**, **Private1**, **Private2**, **Work1**, **Work2**, **Home**, etc.).
- 3 If you chose a phone number, press  to call the entry, or if you chose a Private ID or Talkgroup ID, press and hold the PTT button to call the number.

find your phone number and private ID





Find it:  > **My Info**


messaging




You can send and receive text messages (SMS) and multimedia messages (MMS).

create & send messages


- 1 From the home screen press  under **Mesg** > **[Create Message]**.
- 2 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.
- 3 Enter your message in the **Mesg** field.
- 4 Optionally, insert (embed) or attach a picture, sound, or quick note:
 - Quick Notes are short, pre-written phrases. Press  under **QNotes** to insert a quick note.
 - To insert pictures, sounds (audio files), or voice recordings into the body of

your message, press  > **Add QNotes**, **Add Picture**, **Insert Audio**, or **Record Voice**.

Note: You can only insert one item at a time. To remove an item from a message, highlight it and press  under **Delete**.

- To attach a file to the end of your message, select **...More...** > **Attach** > **[New]** > **Browse Pictures**, **Browse Audio**, or **Record Voice**.



Note: You can only attach audio files and pictures if they are not forward locked and if they are not DRM-protected.



Tip: To remove an attachment, select **Attach**. Select the attachment to remove, and press  > **Unattach**.

- 5 When finished writing your 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  >  > **Inbox**.

manage received messages

feature	
forward a message	Press  > Forward . Embedded objects and attachments are also forwarded.

feature	
reply to a message	<p>Press  under Reply to reply to the sender only.</p> <p>For MMS messages, you can also reply to all recipients. Press  and select Reply All.</p> <p>Select [Create Reply] to create your message, or select a short phrase from the list.</p>
view, play, or open an embedded object or attachment	<p>Highlight the embedded picture or audio file to view or play it.</p> <p>For attachments, press .</p> <p>Note: Attachments of an unknown type cannot be opened, but can be deleted.</p>



feature	
save an embedded object	<p>Highlight the picture or audio file you want to save. Press  > Save Picture or Save Audio.</p>
save an attachment	<p>Highlight the attachment and press  > Save Attachment.</p>
delete an embedded object or attachment	<p>Highlight the embedded picture, audio file, or attachment you want to delete. Press  > Delete Picture, Delete Audio, Save Attachment.</p>
delete a message	<p>Highlight the message and press  under Delete. Press  under Yes to confirm.</p>

message groups


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



create message groups

Find it:  >  > [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 in 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 message group	Press  >  , highlight the Message Group and press  .
add members	Select the Message Group in Contacts and press  > Edit . Select [Add Member] and press  . Select the contact you want to add and press  under Done . Press  under Save .
remove members	Select the Message Group in Contacts and press  > Edit . Highlight the member to remove and press  > Remove Member >  .


feature	
delete a message group	Select the Message Group in Contacts and press  > Delete Msg Group . Press  under Yes to confirm.

multimedia message options

Multimedia messages (MMS) contain text, pictures, and audio files. When you create an MMS message, you have more options than for a simple text message.

When creating the message, select **....More....** for these options:

option	
Subject	Create or edit the subject line.
Attach	Attach a picture, audio file, or voice record.
Cc	Send a copy of this message to someone else.

option	
Auto Replies	Allows you to create a list of short answers for the recipient to choose when replying to your message.
Priority	Set priority Normal or High .
Valid Until	Set a date after which attempts to deliver the message end, or press  under No Date .

manage your messages

clean up messages

Set how long and/or how many messages are stored in the Inbox and Sent Items folders. This features deletes only read messages, unlocked messages, and sent messages.



Find it:  >  >  > **Setup** > **Cleanup**

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

- 2 Choose a clean up option from the following list:

option	
Off	Messages are never automatically deleted.
5 Messages	If you have more than five messages, messages are deleted in the order they were received, starting with the oldest, until five are left.
10 Messages	If you have more than 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.

option	
F-In F-Out	Messages are deleted as necessary on a first-in first-out basis.
Custom	Lets you create a clean-up option 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: Press  >  >  > **Threading** > **None**, **Subject**, or **Sender**

edit & send drafts














Find it: Press  >  > **Drafts**









Saved unsent messages are stored in the drafts folder.

- 1 To edit a draft, select it to open it. You can change or add recipients, or edit the message.
- 2 To send a draft, select it to open it and press  under **Send**. When you send a draft, it is removed from the Drafts folder.





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



more message management:

feature	
delete an unread message	Press  >  > Inbox . Highlight the message and press  under Delete . Press  under Yes to confirm.
view unsent messages	Press  >  > Outbox .
resend a failed message	Press  >  > Outbox . Highlight the message and press  under Resend .
cancel an unsent message	Press  >  > Outbox . Highlight the message and press  . Press  under Cancel .

feature	
forward a sent message	Press  >  > Sent Items . Highlight the message and press  > Forward . Make edits if you want, then select the recipient and press  under Send .
delete a sent message	Press  >  > Sent Items . Highlight the message and press  under Delete . Press  under Yes to confirm.

datebook

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

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

datebook setup

Find it:  > **Datebook** >  > **Setup**

You can view or change these options:

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

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.


using 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 setup your phone for use with your computer please visit www.motorola.com/support and look under the FAQ section.

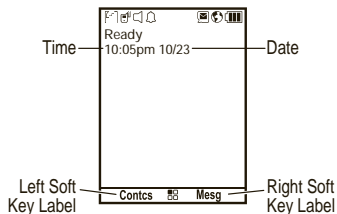
basics

See page 1 for a basic phone diagram.

display

The *home screen* appears when you turn on the phone. To dial from the home screen, press numeric keys to enter the number and press .

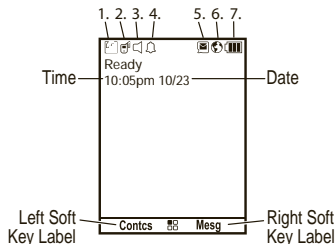
Note: Your home screen may look different.




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




status indicators

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



- 1 Signal Strength Indicator:** Vertical bars show the strength of the network

connection. You can't make or receive calls when  shows.

- 2 Active Phone Line:**  indicates phone line 1 is ready to make calls;  indicates phone line 2 is ready to make calls.
- 3 Speaker On/Off:** Sounds associated with Private 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 not ring.
- 5 Message Indicator:** Shows when you receive a text 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 full battery indicates full 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 **List View** or **Icon View**.

Find it:  >  > **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 Contacts entry or when using Text Messaging).

change the character input mode

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

2 Select one of the following options:

entry method	
Alpha	Press a key several times for different characters.
Word	Enter words using a predictive text entering system that lets you enter a word with fewer keypresses.
Symbols	Enter symbols.
Numeric	Enter numbers by pressing the numbers on the keypad.
Text Settings	Selects the desired entry languages and Word Prediction features.
Insert	Selects a item to be inserted, such a picture, an audio clip or a voice recording. Note: available only when using MMS messaging.

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 **[↻]** right.

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

alpha method

To enter characters by tapping the keypad:

- 1** Select the **Alpha** 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. After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order:

characters	
[1]	Space . 1 ? ! , @ & ; : " - () ' ` ; % £ \$ ¥
[2]	A B C 2 Á Ã Ä Å Ç
[3]	D E F 3 É Ê Ë
[4]	G H I 4 Í Ï

characters	
5	J K L 5
6	M N O 6 ñ Ó Õ Ô Ò
7	P Q R S 7 ß
8	T U V 8 Ú Û Ü Ù
9	W X Y Z 9
0	+ - 0 * / \ [] = > < # §
#	Space / Shift
*	Back

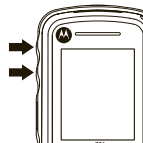
When entering text, press and hold **#** to switch between lowercase and uppercase letters. The icons in the upper left-hand corner of the screen show the character type.

character type	
a or a	Lowercase
A or A	Uppercase
A or A	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  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.

transmitters

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

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

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

use GPS with map software

Your phone can be connected to a PC, laptop, or PDA via USB for use as a GPS receiver. For more specific information on how to setup your phone for use with your computer please

visit www.motorola.com/support and look under the FAQ section.

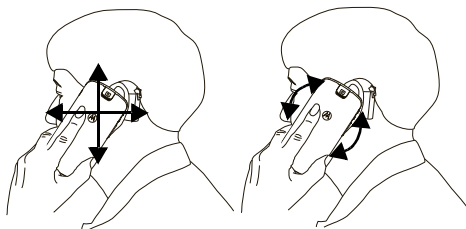
features for the hearing impaired

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 & orientation

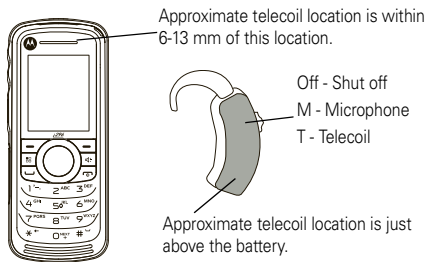
While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.



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.



TTY



feature

turn On TTY feature	Press > > Phone Calls > TTY > Use TTY > On.
change TTY mode during a call	While in the TTY call, press > In Call Setup > TTY > Type. Select from TTY, VCO or HCO.

choose your hearing aid setting











Find it: > > Phone Calls > Hearing Aid

- 1 Set this option to **Microphone**. Microphone coupling is now optimized.
or
- 2 Set this option to **Telecoil**. Phone meets US federal requirements for telecoil coupling sound or set this option to **Off** (factory default). This is the setting for non HA users.

security features

feature

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

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

Note: You can make emergency calls on a locked phone (see page 52).

main attractions

media center

Access pictures and these types of audio recordings stored in your phone's memory:

- Voice records
- Ringtones
- Audio recordings saved from MMS messages
- Audio recordings downloaded to your phone

You can send pictures and sounds in messages (see page 18) and with Bluetooth (see page 46).

You can send pictures from the media center in Private calls using Send via PTT. See "PTX features" on page 37.

The Media Center supports these types of audio files:

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

The Media Center supports these types of picture files:

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

PTX features



With *Push To View* features, your phone can send and receive the following items through Private calls with other phones that have this capability:

- Short text messages¹
- Pictures¹

1. Additional charges may apply.

- Datebook events
- My Info
- Contact information

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

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

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

send messages



The Push to Send Messages feature lets you send short text messages through Private calls.

Note: Availability of this feature is dependent on your service provider.


When you send a message, it appears on the display of the phone you are engaged in the Private call with.

begin a message and choose a recipient


You can begin a message during a Private call, from the **Contacts** list, the **Recent Calls** list, or from the **PT Manager**.

begin a message during a Private call

While in a Private call, press  > **Use PTT Feature** > **Send Message**.



Note: The first time you send a message, **Messaging Fees May Apply Continue?** appears and you are prompted to respond. Press  under **Yes** to acknowledge the message.

begin a message from the Contacts or the Recent Calls list

- 1 From the **Contacts** or the **Recent Calls** list, select the entry containing the Private ID you want to send the message to.
- 2 Press  > **Use PTT Feature** > **Send Message**.

begin a message from the PT Manager

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

Find it:  >  > **Send Contact** > **Browse**

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

create messages

Create a new message and choose a recipient, then create the text of the message.


You can choose from a list of ready-made words or short phrases called Quick Notes. You can even edit the Quick Note 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 compose 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 Private calls. The picture you send appears on the Private call recipient's display.



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

The first time you send a stored picture after turning the phone on, **Picture Fees May Apply**

Continue? appears and you are prompted to respond.

Note: You cannot make or receive Private calls while transmitting or receiving a picture.

send a picture during a call

- 1 While in a Private call, press  under **Picture** or press  > **Use PTT Feature** > **Send Picture**.


A list of pictures that can be included in a Private 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 Private call is temporarily interrupted while a picture is transmitted.
- 5 When prompted, press the PTT button to resume the Private call.

start a call by sending a picture

from the media center

Find it:  > 

- 1 Scroll left or right to **Media: Pictures**.
- 2 Select the picture you want to send.
- 3 Press  > **Send Via...** > **Send Via PTT**.
- 4 Select **A Contact** or **A Recent Call**

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

- 5 Select the name of the person you want to send the picture to.
- 6 Press the PTT button to send the picture.
- 7 When prompted, press the PTT button to resume the Private call.

from the PT manager

Find it:  >  > **Send Picture**

- 1 Select **A Contact** or **A Recent Call**

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

- 2 Select the name of the person you want to send the picture to.
- 3 Select **Browse Picture**.
- 4 Press the PTT button to send the picture.
- 5 Once picture has been sent, when prompted press the PTT button to resume the call.


receive a picture

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

Pictures you receive are saved to your phone's memory. They are accessible through the media center.

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

clear a picture from the display

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


send a datebook event



To send a datebook event during a private call:

- 1 Press  > **Use PTT Feature** > **Send Event**.






Note: If these options do not appear on the menu, the Private ID you are engaged in a private 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 Push the PTT button to send the event.

send my info


- While in a Private Call press  > **Send via PTT** > **Send My Info**, and push the PTT button to send.
- From the home screen press  > **My Info** >  > **Send via PTT**. Enter a Private ID or press  under **Browse** to chose a recipient from Contacts, Recent Calls or Memo, and press . Push the PTT button to send.

set my info sending option



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

Find it:  >  > **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 **Private**. 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:  >  > **Configure** > **PTT My Info** > **Auto Send**

- 1 Select **On** or **Off**
- 2 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 Private ID are not stored in the recipient's Contacts.




send contact information

send contact during private call

- 1 While in a Private Call press  > **Use PTT Feature**.

- 2 Select **Send Contact** and select the contact information you want to send.
- 3 Push the PTT button to send.



send contact from home screen

- 1 From the home screen press  >  > **Send Contact**.
- 2 Enter the Private ID number of the person you want to send the Contact information to or press  under **Browse**.
- 3 Select from **Recent Calls**, **Contacts**, or **Memo**.
- 4 Select the contact information you want to send and push the PTT button.

turn PTT features on and off



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

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

Find it:  >  > **2-Way Radio** > **On/Off PTT**



- 1 Check or uncheck Messages, Pictures or Events.

one touch PTT

Find it:  >  > **2-Way Radio** > **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.
Quick PTT	Go to Quick PTT. See "quick PTT" on page 45.

option	
Last Call	Call the most recent Private ID or Group 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 . Note: If you are entering a Talkgroup number, enter  before the number.
PT Manager	Go to PT Manager. See "PT manager" on page 45.
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 39.

option	
Send Event	Go to the first screen to send a Datebook event.
Send My Info	Go to the first screen to send My Info. See “send my info” on page 42.
Send Contact	Go to the first screen to send a contact. See “send contact information” on page 43.

quick PTT




Quick PTT lets you quickly make a call when accessing any Private IDs on your phone.

To view a list of Contacts with Private IDs in **Contacts**:

Find it:  > **Quick PTT**

To move between **Contacts**, **Recent Calls**, or **Memo**, press the navigation key left or right.

To make a Private call:

- 1 Select the entries you want.
- 2 Press  under **Done**.
- 3 Push the PTT button.

PT manager



The **PT Manager** lets you quickly access PTT features, and other Private call features, from the main menu.

Find it:  > 

- Select **Quick PTT**, **Send Message**, **Send Picture**, **Send Event**, **Send My Info**, **Send Contact**, or **Configure**. After choosing what PTT item you are sending, select a contact and press the PTT button to send.
- Select **Configure** to configure your **PTT Quick Notes**, **PTT My Info**, **One Touch PTT**, or **On/Off PTT**.

Bluetooth™ wireless

Find it:  > 

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:  >  > **Setup** > **Power**

- 1 Select **On** to power Bluetooth On.
- 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 is prohibited.

make a Bluetooth connection

connect your phone with a Bluetooth headset

Find it:  >  > **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 .
- 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:  >  > **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 entries, 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, depending on your service provider. 

sending information

- 1 From within Contacts, datebook, or Media Center, select the Contacts 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 contact information to, or search for the device by selecting [**Find Devices**].
- 4 If prompted, connect with the device.

Your phone connects with the devices 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 Private calls, the recent call list contains the following PTX items with those calls:

- contact information received
- My Info received
- short text messages received

- pictures sent or received
- Datebook events received


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


- 1 Press  > .
- 2 Scroll through the list.
- 3 To view more details of the item press .

store an item to contacts from recent calls


Phone calls, Private calls, My Info, Contacts or Location entries received from other phones can be stored to the Contacts list from the Recent Calls list.

Find it:  > 

- 1 Scroll to or select the item you want to store.
- 2 Press  under **Save** to store the information as a new entry in the Contacts list.

or
- 3 Select an existing contact and update the information.
- 4 Press  under **Done** to save your changes.

redial





To redial your last outgoing call, press and hold  or push the PTT button if it was a private call.

caller ID

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call.

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



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

To permanently block your number, call your 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:  > 

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

or

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

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

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

- 1** Press the speaker key  until you are prompted to say the voice name.

The phone will automatically place the call.

emergency calls



Your service provider programs one or more emergency phone numbers that you can call under any circumstances. Emergency calls can be made without a SIM card, when your phone is locked, or when the SIM card is blocked.

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

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


When you make an emergency call, your phone's GPS feature can help emergency service personnel find you, if you are in a

location where your phone's GPS antenna has established a clear view of the open sky and your local emergency response center has the equipment to process location information. Because of the limitations of this feature, always provide your location, to the best of your knowledge, to the emergency response center when you make an emergency call.

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



international calls



If your phone service includes international dialing, press and hold  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 Contacts is assigned a Speed Dial number, which you can use to call that number.

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

turbo dial

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

voice mail






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

receiving a message

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

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

- 1 Press  under **Call**.
- 2 To dismiss the message notification:
 - Press  or **Back**.

If the caller leaves a message,  appears on the display.

Talk Around

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

With Talk Around, 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 Talk Around 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.

Talk Around lets you:

- Use code or private mode operation

- Use up to 10 channels
- Communicate with standalone Talk Around radios




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

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

- On-network phone or Private calls
- Data transmission
- Incoming message notification
- Datebook
- Call forwarding
- Call Timers
- Call alerts


switch to Talk Around

To set your phone to Talk Around:

- 1 From the home screen press  >  and press .
- 2 Select **Go to TA**.



Switching to Talk Around Please Wait displays.

After a few seconds, the Talk Around home screen displays. When **TA Ready** displays, you can begin using Talk Around.

While in Talk Around, this icon  displays.

exit Talk Around

To switch to network mode:

- 1 From the Talk Around home screen, press  > **TA Options** and press .
- 2 Select **Exit TA**.

Switching to Network Please Wait displays. After a few seconds, the network home screen appears.

talk range

While in Talk Around mode, phones should be a minimum of 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.




Talk Around 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 Talk Around home screen.

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

To set a code:

- 1 From the Talk Around 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 Talk Around home screen.

making code calls

To make a code call:

- 1 From the Talk Around 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 Talk Around tone.

Note: The Talk Around 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** will appear on the display. After hearing the Talk Around tone, you have 6 seconds to reply before the call times out.

To reply to the call, press the PTT button.

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




receiving all Talk Around calls

If you set the code to **Receive All**, your phone can receive Talk Around 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 Talk Around 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 Talk Around home screen.

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

- Press the PTT button.


private Talk Around calls

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

private only


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

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

- 1 From the Talk Around 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 Talk Around home screen.

making a private Talk Around 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 Talk Around 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 Talk Around 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 Talk Around calls

Code calls and private Talk Around calls will end automatically after 6 seconds of inactivity.

The Talk Around home screen will display.

Note: A private or code Talk Around call can be interrupted during the 6 second idle time by another code call or private call.

making emergency calls while in Talk Around

If you attempt to make an Emergency 911 call while in Talk Around mode, your phone will automatically exit Talk Around mode and attempt 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 Talk Around options on the TA Options screen. You can access this screen in both network and Talk Around modes.

To access setup options:

- 1 Press **[☰]** > **Talk Around** or **TA Options**.
- 2 Select **Setup**.

You can set the following Talk Around options:

- **Direct Launch:** Launch directly into Talk Around when you select **Talk Around** from the main menu.
- **State Tone:** Have an alert sound notify you that you have used Talk Around for a specified interval.

using direct launch

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

- 1 From the Setup screen, scroll to **Direct Launch** and press **[OK]**.
- 2 Select **On**.

Note: If **Direct Launch** is set to **On**, the Talk Around setup options will be unavailable from the main menu. However, you can still access setup options while in Talk Around by pressing **[☰]** and selecting > **TA Options** > **Setup**.

To turn off Direct Launch:

- 1 From the Setup screen, scroll to **Direct Launch** and press **[OK]**.
- 2 Select **Off**.

TA Options will now display when you select **Talk Around** from the main menu.

using state tone

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

- 1 From the Setup screen, scroll to **State Tone** and press **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 Talk Around.

To turn off State Tone:

- 1 From the Setup screen, scroll to **State Tone** and press **OK**.
- 2 Select **Off**.


customize



ring tones

To set the ring tone your phone makes when you receive phone calls, call alerts, message notifications, pictures sent using Send via PTT or Datebook reminders:

Find it:  > 



- 1 Make sure **Vibrate All** is set to **Off**.
- 2 Scroll through the list of ring tones and select the one you want to assign.
Vibrate sets your phone to vibrate instead of making a sound. **Silent** sets your phone to neither vibrate nor make a sound.
- 3 Select the features you want to assign the ring tone to.

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

Note: This icon  appears on the display if you set your phone to **Silent**. This icon  appears on the display if you set the phone to **Vibrate All**.

set your phone to vibrate

You can set your phone to vibrate for all calls and alerts.

Find it:  >  > **Vibrate All**

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

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


The **Locked** option helps prevent you from accidentally turning **Vibrate All** off.

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

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



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

Find it:  > 

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



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:  >  > **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:  >  > **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.

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

set your privacy options

Find it:  >  > **Privacy**

Select from the following options:



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

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.
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change GPS PIN

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

To change your GPS PIN press  >  > **Security** > **Change Passwords** > **GPS PIN**. Enter the current GPS PIN and enter the new four-to-eight digit GPS PIN. Re-enter the new four- to eight-digit GPS PIN to confirm.

Legal and Safety

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 phone, the system handling your call controls the power level at which your phone 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

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

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

Operational Precautions

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.

Phone Operation

When placing or receiving a phone call, hold your mobile phone as you would a landline telephone. **Speak directly into the microphone.**

Two-way radio operation

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

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

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



If you wear 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 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 phone 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.

Hearing Aids

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

Other Medical Devices and Health Care Facilities

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

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 and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. 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 and User's Guide

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

Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found in the "Smart Practices While Driving" section (see page 82).

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 handset, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or phone in a fire.

Symbol	Definition
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or phone in the trash.
	Your phone contains an internal lithium ion battery.
	Do not let your battery, charger, or phone get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries and Chargers

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

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 very 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.

Service and Repairs

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

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1 (800) 453-0920 (United States), 1 (877) 483-2840 (TTY, TDD United States for hearing impaired).

Export Law Assurances

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

Battery Use and Safety

- In very limited circumstances, such as where your phone has been exposed to extreme heat Cool Down message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in Cool Down mode, only emergency calls may be made.
- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion, or other hazard.
- Battery usage by children should be supervised.
- **Important:** Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
 - Remove the battery and inspect it to confirm it bears a Motorola “Original Equipment” hologram;
 - If there is no hologram, the battery is not a qualified battery;

- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.
- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease, and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.

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 carrier 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.**

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

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 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>

AGPS and Emergency Calls

When you make an emergency call, your mobile device can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls, if your local emergency response center does not process AGPS location information. For details, contact your local authorities.

If your mobile device cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your mobile device is automatically provided to the emergency response center.

AGPS 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 that might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

Limited Warranty Motorola Communications Products (International)

What Does this Warranty Cover?

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

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

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

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

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

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

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

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

General Provisions:

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

How to Get Warranty Service:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the

company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service.

What This Warranty Does Not Cover:

- Defects or damage resulting from use of the Product in other than its normal and customary manner.
- Defects or damage from misuse, accident, water, or neglect.
- Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- Breakage or damage to antennas unless caused directly by defects in material workmanship.
- A Product subjected to unauthorized Product modifications, disassembles or repairs (including, without limitation, the addition to the Product of non-MOTOROLA supplied equipment).
- Product which has had the serial number removed or made illegible.
- Rechargeable batteries if:
Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.

The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.

- Freight costs to the repair depot.
- A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the local type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- Normal and customary wear and tear.
- Exclusion for defects or damage arising from use of the products in connection with non-MOTOROLA equipment.

- 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.

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;
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Hearing Aid Compatibility With Mobile Phones

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

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

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

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

hearing device is the best way to evaluate it for your personal needs.

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

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

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

Information From the World Health Organization

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

Wireless: The New Recyclable

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

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

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

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

California Perchlorate Label

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

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

There is no special handling required by consumers.

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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.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For instructions on how to delete all personal information from your device, please contact your local service provider.
- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how 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 SM

Check the laws and regulations on the use of phones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—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 phone 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 phone with



one of the many Motorola Original handsfree accessories available today.

- **Position your mobile device within easy reach.** Be able to access your phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility, driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your 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).

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