



i877

User's Guide

IMPORTANT NOTICE: PLEASE READ PRIOR TO USING YOUR PHONE

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

Loss of certain features will result when using a SIM card from one of the following models: *i30sx*, *i35s*, *i50sx*, *i55sr*, *i58s*, *i60c*, *i80s*, *i85s*, *i88s*, *i90c*, *i95c* series, and the *i2000* series.

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

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

DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: i877

Model Number: H92XAH6RR4AN

Conforms to the following regulations:

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

Class B Digital Device

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

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

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

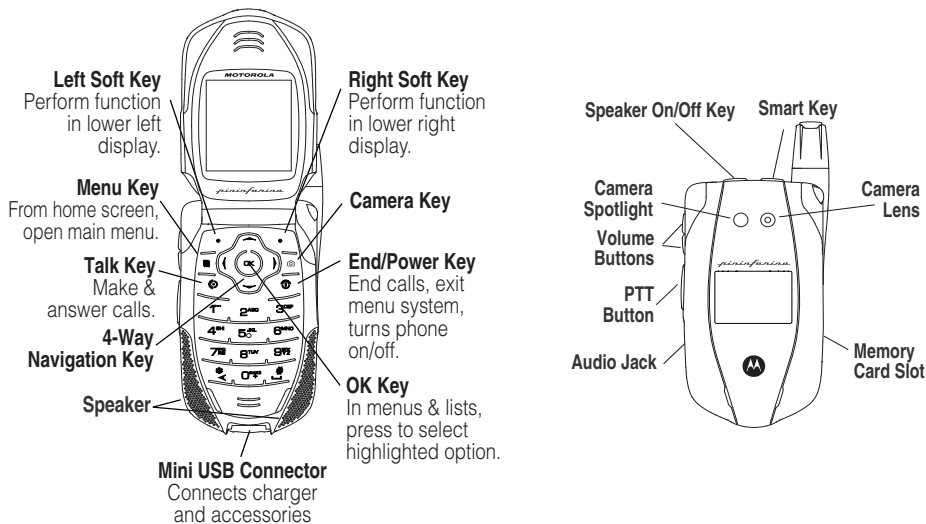
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

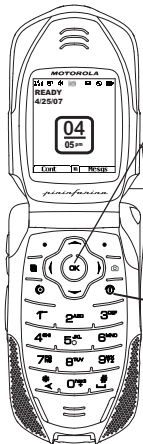
HELLOMOTO

Introducing your new Motorola i877 wireless phone. Here's a quick anatomy lesson.



check it out

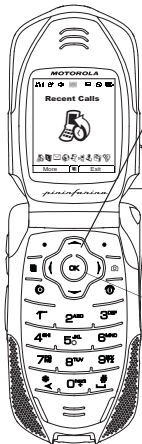
Home Screen



2 Customizable  key that can be used to open the **Settings** screen

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

Main Menu



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

4 Press the  key to select.

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

www.hellomoto.com

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

Product Support: www.motorola.com/iden

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

This device supports Bluetooth 2.0 including EDR and A2DP Stereo profiles. In order for Bluetooth devices to communicate with one another, they must utilize the same Bluetooth profile. To determine the profiles supported by other Motorola devices, visit www.hellomoto.com/bluetooth. For other devices, contact their respective manufacturer.

Certain Bluetooth features including those listed may not be supported by all compatible Bluetooth-enabled devices, and/or the

functionality of such features may be limited in certain devices, or by certain wireless carriers. Contact your wireless carrier about feature availability and functionality.

OPEN SOURCE SOFTWARE INFORMATION

You may choose to obtain a copy of any source code being made publicly available by Motorola directly from the Motorola website opensource.motorola.com.

Additionally, for instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, please send your request in writing to:

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA.

Motorola has created the www.opensource.motorola.com to serve as a portal for interaction with the software community-at-large.

To see additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, follow these instructions:

From the phone Main Menu, select **Games and Apps**. >
OpenSourceNotices.

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Manual Number: NNTN7411A

The following versions were used to write this manual:

Software Version: AP: RB2.00.04, BP: RB3.00.03

CP Version: 42.04.02

USR Version: UB2A.32.08

Electrical Requirements:

Lithium Ion Battery 3.7V

Power Adapter: 100-240V ~ 50-60Hz, 0.15A

Output of the Adapter: 5V 850mA

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menu map

main menu



Recent Calls



Contacts

- [New Contact]
- [New SDG List]



Settings

- (see next page)



Web



Multimedia

- **Media Center**
- **Camera**
- **Audio Player (Music Player)**
- **Ring Tones**
- **VoiceRecord**



Push To Talk

- **Call Alert**
- **PT Manager**
- **Quick PTT**
- **PTT Options**



Games and Apps

- Alarm Clock Plus
- Audio Player
- Photo Editor
- OpenSourceNotices
- My Location



Tools

• My Info

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

• Profiles

- [New Profile]
- Standard
- Car
- Meeting
- Office
- Outdoors
- Headset
- PRVT Only
- CNTCS Only

• Alarm Clock Plus

• Bluetooth

- Audio Devices
- Pair to Devices
- Device History
- Setup
- Find Me

• GPS

- Position
- Privacy
- Interface

• Datebook

- [New Event]

• Call Timers

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

• Memo



Messages

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

settings menu

Display/Info

- Wallpaper
 - [Buy More]
 - Internal
 - External
- Text Size
- Theme
 - Option 1
 - Option 2
 - Onyx
 - High Contrast
- Home Icons
- Backlight
 - Timer
 - Java Timer
 - Sensor
 - Logo Flash
 - PTT Backlight
- Clock
 - Display: On/Off
 - Screen Saver
 - Time Format
 - Date Format
 - Year
- Menu View
 - Icon View
 - List View
 - Tab View
- Large Dialing: On/Off
- Language

Phone Calls

- Set Line
- Any Key Ans
- Auto Redial
- Call Waiting
- Auto Ans
- Flip Activation
- Minute Beep
- Call Duration
- TTY
- Hearing Aid
- Notifications
- DTMF Dialing
- Call Forward

Personalize

- Reorder Menu
- Shortcuts
- Up Key
- Down Key
- Left Key
- Right Key
- Center Key
- Left Softkey
- Right Softkey
- Power Up

Volume

- Ringers/Alerts
- Speaker
- Earpiece
- Multimedia
- Keypad

Voice Playback

- Speak Text
- Speak Caller
- Voice
- Multimedia Volume

Memory Card

- Remove Card
- Store Media
- Format Card
- Help

Security

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

Advanced

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

Connections

- Bluetooth
- USB
 - Memory Card Access
 - Data Modem
 - Application Access
 - GPS NMEA
 - Help

Use and Care

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



liquids of any kind

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



dust and dirt

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



extreme heat or cold

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



cleaning solutions

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



microwaves

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



the ground

Don't drop your phone.

essentials

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

about this guide

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

Find it:  >  > **Phone Calls**

This means that, from the home screen:

- 1 Press the *menu key*  to open the **Settings** menu.

- 2 Press the *navigation key*  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.



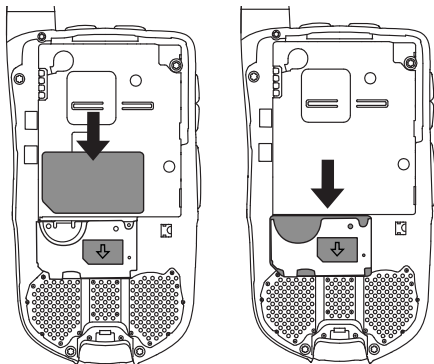
This means a feature requires an optional accessory.

SIM card

insert the SIM card

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

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



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

memory card



Your handset comes with a memory card, memory card adapter, and memory card reader¹.

A memory card is a removable flash memory card that you can use to store pictures, videos, and audio files. The memory card can be inserted in your phone or connected to your computer using the memory card reader.

Many types of pictures, videos, and audio files stored on the memory card can be

-
1. Depending on your service provider, the memory card, memory card adapter, and memory card reader may not be included with your phone. Your handset can be used with a Transflash or MicroSD memory card.

viewed or played using your phone's media center. Music files can be played using the music player.

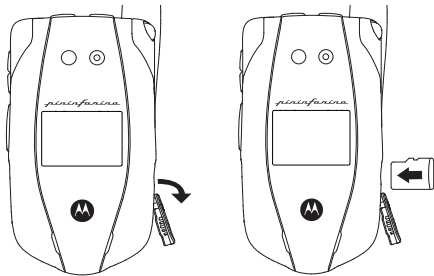
You can connect your phone using a Motorola data cable directly to your computer, access the memory card loaded in the phone to save or delete music, images, videos, or audio files.



Find it:  >  > **Connections > USB**

insert the memory card

- 1 Slide open the memory card slot cover, and slide in the memory card until it clicks into place.



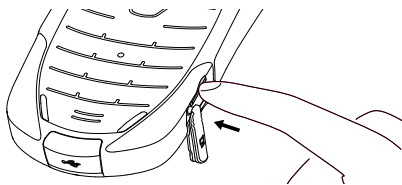
Note: The first time you insert a memory card in your phone, you will see the following options: **[Do Nothing]**, **Go To Music Player**, **Go To Camera**, and **Go To Media Center**. Select the option of your choice and continue.

remove the memory card

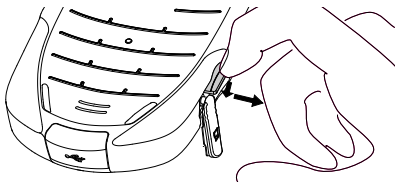
Warning: Do not remove the memory card before selecting the **Remove Card** option under **Settings**. Removing the memory card before selecting the **Remove Card** option could result in loss of data.

- 1 From the home screen press  >  > **Memory Card** > **Remove Card**.
- 2 Once the handset confirms that it is safe to remove the SD card, press  under **OK**.
- 3 Slide open the memory card slot cover.

- 4 Reach into the slot and press the SD card inward until you hear a click. The slot will eject the SD card out slightly.



- 5 Grasp the raised edge of the SD card with your fingernail and carefully slide the card out of the slot.



- 6 Close the memory card slot cover.

battery



Battery Use & Battery Safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion, or other hazard.

- Battery usage by children should be supervised.
- **Important:** Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid**

Battery or Unable to Charge, take the following steps:

- Remove the battery and inspect it to confirm that it bears a Motorola “Original Equipment” hologram;
- If there is no hologram, the battery is not a qualified battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.
- New batteries or batteries stored for a long time may take more time to charge.
- **Charging precautions:** When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.

Always take your mobile device with you when you leave your vehicle.

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

appliance or heat source, such as a hair dryer or microwave oven.

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

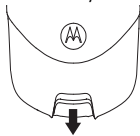
Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center for proper battery disposal.



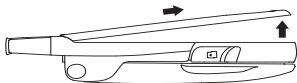
Warning: Never dispose of batteries in a fire because they may explode.

battery installation

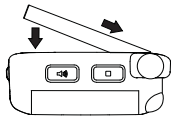
- 1 Slide the release button back until it releases the battery door.



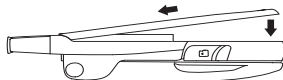
- 2 Remove the battery door.



- 3 Push the battery down until it snaps in place.



- 4 Replace the battery door and press it gently until you hear a click.

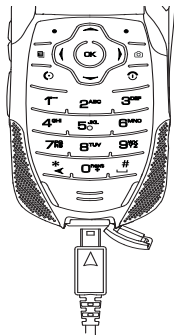


battery charging

New batteries are not fully charged.

charge using the charger

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



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

charge from your computer



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

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

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

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

low rate. The phone will power up in charging mode when the battery has been charged to approximately 5% of its capacity. For faster charging under a very low battery condition, it is recommended to use the rapid charger supplied with the handset.

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

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

turn it on & off

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

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



Note: If you press the  for more than four seconds, the handset will power "On" in **Transmitters Off** mode. To avoid turning on the phone with transmitters off, ensure the power key is not held at about 4 seconds after power-up is initiated, either by pressing the power key or plugging a cable into the USB port. To power up the phone normally from charging mode, wait until the **Charger Attached**

screen is displayed, and then press the power key. See “transmitters” on page 81.

enable security

You must 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**. A series of screens followed by the default home page displays.
- 3 Press  to return to the home screen.

make a phone call

Enter a phone number and press  to make a call or use a voice command. See “place a call using voice name” on page 89.

Tip: For best performance avoid touching the antenna with your fingers during the call.

To hang up press  or close the flip.

answer a phone call

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

- 1 If you want to answer the call on speaker phone, press the speaker key  with the flip closed. To hang up press the smart key .
- 2 If you want to answer the call using the handset, just open the flip and press . To hang up press  or close the flip.

Note: You must have the **Flip Activation** feature On. See “advanced calling” on page 102.

- 3 If you are using a Bluetooth headset, you can press the answer key on your

Bluetooth headset. To hang up press the same key on your Bluetooth.

make a private call

With Private calls service, you use your phone as a long-range, digital 2-way radio using one-to-one Private calls or one-to-many group calls.

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 handset displays your name and emits a series of beeps or vibrations.

The recipient has the following options:

Option
Answer: Begin a Private call with the sender.
Queue: Store the call alert to the call alert queue.
Clear: Dismiss and delete the call alert.

to send a call alert

- 1 Enter the Private ID you want to call as you would when making a Private 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 must answer, queue, or clear it. You cannot receive phone calls or Private calls until you do.

to answer a call alert

- 1 Press the PTT button to start a Private call with the sender.

or
- 2 Queue the call alert by pressing  under **Queue**.

or
- 3 Clear the call alert by pressing  under **Clear**.

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 specific **Ring Tone/Picture**.
- 3 Select a type for the entry (**Mobile, Work1, Work2, Home, Fax, Pager, IP** or **Other**). To store a private ID choose **Private**.
- 4 Enter the number for the entry and press  under **Save** when done.

Tip: Before saving the entry, you can save more information. You can store an Email address, IP addresses, and more. You can choose a special ringer, create Contact entries

that are groups of Private IDs called Group IDs and/or SDG lists.

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

call a stored phone number or private ID

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

or

Find it:  > 

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

Tip: You can set up you handset for two different search options by pressing  > **Search Option**. If you select **Full Name Search**, a new window will appear to allow you to type the name of the contact you are looking for. If you select **First Letter Search**,

your handset will find the nearest match to the letter you enter.

- 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**, **Private**, **Work1**, **Work2**, **Home**, etc.).
- 3 If you chose a phone number, press  to call the entry.

or

If you chose a Private ID, Talkgroup ID, or SDG List, press and hold the PTT button to call the number.

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

your phone number and Private ID

Find it:  >  > **My Info.**

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

text messages



If your service provider offers Text Messaging, your phone sends text messages using MOSMS and receives text messages from other phones that are using MOSMS.

set it up

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

Shortcut: From the home screen press  under **Msgs** > **[Create Message]** >  > **Text Msg Setup**.

or

Find it:  >  >  > **Text Msg Setup**.

The following options become available:

option
Signature: Enter your signature (up to 11 characters long).
Delivery Report: Set it to On if you wish to receive a report once the message has been delivered.
SrvC Cntr No: Enter the phone number of your service center. If you do not know this number, contact your service provider.
Expire After: This is the amount of time messages you send are saved at the service center if they cannot be delivered. After this period, they are discarded.

option

Auto Clean Up: Set this option to **On** if you want your phone to delete sent messages.

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

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

Select **Quick Notes** to create a **[New Note]** or press  under **Edit** to change the pre-written quick notes.

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

receive a text message

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

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

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

read from the Message center

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

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

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

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

create and send text messages

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

or

You can also create a text message from the **Inbox**, **Outbox**, or **Drafts**.

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

press  > **Recent Calls**. Select the number you want.

- 3 Select **Msg:** and enter the text of the message or to use a quick note press  under **Browse** and scroll to the quick note you want.
- 4 Press  > **Set Send Method** and select **Text**, **Fax**, **x400**, **Paging**, **Email**, **ERMES**, or **Voice**.
- 5 If you want to send the message, press  under **Send** or to delete the message without sending it, press  under **Cancel**.

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

use drafts

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

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

- 1 Select the draft you want to edit. You also have the choice to create new text messages from this menu.
- 2 To edit the fields you want to change, follow step 2 through step 5 in “create and send text messages” above.

resend text messages

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

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

delete sent text messages

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

- 1 Scroll to the message you want to delete.

- 2 Press  under **Delete**.
- 3 Press  under **Yes** to confirm.

delete all unlocked sent messages

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

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

manage memory

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

The text inbox holds 100 messages. If the text inbox is full, you cannot receive messages until you delete some.

The outbox and drafts folder hold 100 messages each. If the outbox and drafts folder memory is full, you cannot send

messages or save drafts until you delete some.

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

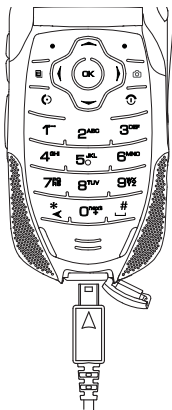
Shortcut: From the home screen press  under **Msgs >  > Text Msg Setup > Inbox Mem Mtr**.

use your phone as USB mass storage device



Find it: > > **Connections** > **USB** > **Memory Card Access**

- 1 Slide open the connector cover, and insert the USB data cable into mini USB connector on your phone as shown.
- 2 Connect the other end of the USB cable to the USB port of the computer.
- 3 Your memory card can now be accessed by your computer.



using your handset as a modem



You can use your handset as a modem (Packet Data only) with a laptop, handheld device, or desktop computer. Circuit Data is not supported. In order to use your handset as a modem, you must create either a wired or wireless connection between your handset and the other device.

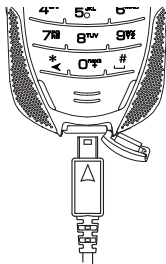
To connect your handset wirelessly, you must have a Bluetooth adapter for the other device. To create a wired connection, use a USB cable.

connect with a USB cable



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

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



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

connect via Bluetooth

Use your handset as a modem via Bluetooth. The laptop, handheld device, or desktop computer you want to connect to must have a Bluetooth adapter installed.

Check that the adapter is properly installed, and then follow the specific instructions outlined in the device's user guide to connect the device to your handset.

When used as a modem, your handset is enabled for **Data Modem** transfer mode, which is used for small file transfers such as email.

Note: To use these services, you must install the iDEN Wireless Data Services software (available separately). For more information on setting up your computer and your handset for Packet Data calls, contact your service provider.

main attractions

music player

Your handset includes a music player that you can use to play music files stored in the Music directory on the memory card inserted in your phone.

The music player groups the music files into folders and lists. When you select a music file to play, the music player plays this file, then plays the other music files grouped with it.

The music player also plays podcasts you download to your computer and then save on the Podcast directory on your phone's memory card. You can mark highlights within a podcast file to help you find the parts you most want to listen to.

If your service provider offers MMS, you can send details of the podcast to a friend and send feedback to the podcast creator using MMS messages.

Audio files supported by the music player include:

Format	Bit Rate	Sampling Rate
AAC .m4a, .aac	Up to 320kbps	Up to 48 kHz
AAC+ .m4a, .aac	Up to 128 kbps (16 to 128 kbps)	Up to 48 kHz
MP3 .mp3	Up to 320kbps	Up to 48 kHz

Format	Bit Rate	Sampling Rate
WMA v9 L2	Up to	Up to
WMA v3, v7, v8	320 kbps	48 kHz
.wma		

understanding the folder structure

When you first insert the memory card into your phone, five folders are created: **Audio**, **Image**, **Music**, **Podcast**, and **Video**. In order to view files stored on the memory card, you must store the given file in its corresponding format folder: audio files such as ring tones, and voice recordings to the **Audio** folder, pictures to the **Images** folder, music files such as songs to the **Music** folder, Podcasts to the **Podcast** folder and videos to the **Video** folder.

filename rules

When naming files stored on the memory card, the following rules apply:

- The filename can only contain ASCII characters.
- The filename can be up to 32 characters long, including the file extension

Warning: If a music file name is longer than 32 characters, including the file format (.MP3), the song will not be visible on the player and therefore can not be played. This can be corrected by renaming the file and replacing it on the card.

play music files

Find it:  >  > **Audio Player**.

- 1 Scroll to a folder.

Tip: The Songs folder contains all the music files on the memory card in a single list.

- 2 To play the first music file in the folder, press  under **Play**. (If the selected folder contains subfolders, this plays the first music file in the first of the subfolders.)

Press  to view the folder's contents. Scroll to a music file and press  under **Play**, or scroll to a folder and press  under **Play** to play the first music file in it.

Any time you are viewing a list of folders with the music player, you can scroll to a folder and press  under **Play** to start playing the contents of that folder or press  to view the contents of the folder.

To stop viewing a folder and return to the folder or list that contains it, press  under **Back**.

play music while loading files

The first time the music player finds music files on your memory card, it loads and organizes these files. This may take a long time for a large number of files.

To play music while files are loading:

Find it:  >  > **Audio Player**.

- 1 Press  under **View**
- 2 Scroll through songs and folders while loading is going on the background.
- 3 Scroll to a music file or folder and press  under **Play** or .

The following options become available through the navigation panel:

option
Pause and Resume Press  under Pause or  to pause, and press  under Play or  to resume playing paused music files.
Skip to Next or Previous Press and release  right or left to skip to the next or previous music file.
Fast Forward and Rewind Press and hold  right or left for 2 seconds to fast forward or to rewind.

set up the music player

Find it:  >  > Audio Player >  > Setup

The music player can be set up with the following options:

Option
Repeat: lets you set the music player to play one or all the music files in a list or folder repeatedly. While in the music player press  > Setup > Repeat > All or One .
Shuffle: lets you set the music player to play the music files in a list or folder in random order. While in the music player press  > Setup > Shuffle: > On or Off .
Visuals lets you customize the look of the music player background screen by choosing a theme or by viewing visuals. While in the music player press  > Setup > Visuals > On or Off .

Option

3D Music lets you experience surround effects when the handset is tethered to a stereo headset. While in the music player press  > **Setup** > **3D Music**. 

If you set the **3D Music** feature to **On**, you can select a 3D effect from the list of **Music Reverbs**.

Equalizer lets you customize the sound of the music player. While in the music player press  > **Setup** > **Equalizer**, and select the mode you want.

Option

Use Bluetooth lets you route the audio from the music player to a wireless Bluetooth stereo headset. Additionally the handset can be connected to a Bluetooth Home Stereo Adapter to stream content from your home entertainment system and listen wirelessly from your headset without missing a call. While in the music player press  > **Setup** > **Use Bluetooth**. 

work with playlists

Playlists are lists of music files you create from the files already available through the music player.

Playlists enable you to organize music files, but they do not change anything in other folders or on the memory card. Adding or deleting a file on a playlist does not copy, delete or move it.

create a playlist

Find it:  >  > **Audio Player > Playlists > [Create New].**

- 1 Enter a playlist name.

Note: If you do not assign a name, the playlist is named **Playlists** followed by a number. For example, the first playlist you create without naming is automatically named **Playlists-1**.

- 2 Select **[Add Songs]**.

A list of all music files on the memory card appears.

Tip: For options to help you sort through this list, press .

- 3 Select each file you want on the playlist. A checkmark appears by each selected file.

Tip: To deselect a selected item, scroll to a selected file and press .

- 4 When you are finished selecting files, press  under **Done** and  under **Save**.

The following options are available for existing playlists:

option
Edit a Playlist You can change a playlist name, add music files, remove music files, and change the order of the music files in Music Player > Playlists > > Edit Playlist . Make changes and press under Save .
Reorder Songs in a Playlist You can change the order of the music files while creating or editing the playlist in Music Player > Playlists > > Edit Playlist > > Reorder Songs . Scroll to the song you want to move and press under Grab ; then scroll to the place where you want the song to appear and press under Insert .

option

Remove Songs

You can remove some or all songs while creating or editing a playlist.

Before you have saved a new playlist or while editing a playlist, scroll to the song you want to remove and press  > **Remove Song** and press , or you can select **Remove All Songs**; press  under **Yes** to confirm and  under **Save**.

Reorder Playlists

You can change the order of the playlists in the **Playlists** folder. Press  > **Edit playlist** > **Reorder Playlists**. Scroll to the playlist you want to move and press  under **Grab**; then scroll to the place where you want the playlist to appear and press  under **Insert**.

option

Delete a Playlist

While in the music player select **Playlists**. Scroll to the playlist you want to delete and press  > **Delete Playlist**. Press  under **Yes** to confirm.

Delete all Playlists

While in the music player select **Playlists**. Press  > **Delete All Playlists** and press  under **Yes** to confirm.

Note: This deletes all playlists except the Favorites playlist.

use the favorites playlist

The **Favorites** playlist is a permanent playlist. You can **Add To Favorites**, remove and change the order of the music files, but you cannot rename or delete music files.

Find it:  >  > **Audio Player** > **Songs**.

Select the song you want to add to your favorites and press  > **Add To Favorites**.

work with podcasts



Find it:  >  > **Audio Player** > **Podcasts**.

Note: The Podcasts folder is empty until you download podcasts from your computer.

- 1 Scroll to view individual podcast episodes or folders containing multiple episodes of the same program.
- 2 Press  to view the podcast episodes within a folder or the details screen of an individual podcast episode.

You can pause, resume, fast-forward, and rewind just as with any other music file.

Some functions differ when playing a podcast:

- Pressing  when you have scrolled to a podcast displays a screen showing podcast details, but does not play the

podcast. To play the podcast, press  under **Play**. After you begin playing the podcast, pressing  pauses and resumes the podcast.

- If the podcast you are playing contains highlights, pressing and releasing the  right or left skips to the next or previous highlight within the podcast, or to the beginning or end of the podcast.

highlights

Highlights are portions of a podcast that are marked to help you find them more easily. Some podcasts you download may already have highlights marked. You can use the music player to add and delete highlight markers. Press and release (don't hold) the  right or left to find them.

You can play all the highlights in a podcast and skip everything that is not marked as a highlight using **Highlights Only**.

add a highlight marker

- 1 While playing a Podcast press  > **Add Highlights**.
- 2 Press  under **On** to mark the beginning.
- 3 Go to the point in the podcast that you want to mark as the end of the highlight and press  under **Off**.
- 4 Press  under **Back**.

Tip: Highlight markers can be deleted by pressing  > **Clear** or pressing  > **Edit Highlights** >  > **Clear All Highlights** from the Podcasts menu.

send podcast information

If you want to share a podcast you have saved to your memory card, you can send it in



an MMS message that the person can save and download onto their computer.

If played on a phone with a music player, like yours, they will see any highlight markers created within the podcast.

Find it:  >  > **Audio Player** > **Podcasts** >  > **Forward Details** > **Send**.

Note: If the podcast has no highlights, this option will not be displayed

background music

Your handset has the capability to play music in the background while you are accessing other features like **Settings**, **Media Center**, **Bluetooth**, **GPS**, **Contacts**, **MMS**, **Datebook**, **Memo**, **Recent Calls**, and others.

You can also enjoy listening to your favorite background music while browsing the web, reading news or checking the weather.

play music in the background

Find it:  >  > **Audio Player > Songs.**

- 1 Select a music file and press  to play the song.
- 2 Press  > **Hide Player.**

The music player continues playing and the handset returns to the home screen. To jump back to the music player, press  under **Player.**

media center

The media center lets you access pictures, videos, and audio recordings stored in your phone's memory or in the Audio, Image and Video folders on a memory card inserted in your phone's memory card slot.

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

- Voice records

- Musical ring tones in the list of ring tones
- Audio recordings saved from MMS messages received
- Audio recordings downloaded to your phone

Because the memory card inserted in your phone may contain files saved to it using a device other than your phone, not all types of pictures, videos, and audio recordings on the memory card may be accessed through your phone's media center.

Items in the media center can be sent in MMS messages and with Bluetooth. See "MMS" on page 55 and "bluetooth®" on page 71.

Pictures in the media center can be sent in Private calls using Send via PTT. See "PTV features" on page 45.

Media files supported by the Media Center include:

Format	Bit Rate	Sampling Rate
AMR-NB .amr, .3gp, .3ga, .mp4	4.75 kbps – 12.20 kbps (supports all 3GPP specified rates)	
AMR-WB .awb, .3ga, .3gp	6.6 kbps - 23.85 Kbps (supports all 3GPP specified rates)	8 kHz
AAC (MPEG4 AAC-LC) .aac, .3gp, .m4a, .3ga, .mp4	Up to 320kbps	16 kHz
AAC+ .aac, m4a, .3ga, .mp4	Up to 128 kbps (16 to 128 kbps)	Max: 48 kHz

Format	Bit Rate	Sampling Rate
Enhanced AAC+ .aac, .m4a, .3ga, .mp4	Up to 128 kbps (16 to 128 kbps)	Up to 48 kHz
MP3 .mp3, .mpga	Up to 320kbps	Up to 48 kHz
8-bit Linear PCM .wav, .au	Up to 1536kbps	Up to 48 kHz
16-bit Linear PCM .wav, .au	Up to 1536 kbps	Up to 48 kHz (8, 11.05, 12, 16, 22, 24, 3, 44, 48 kHz)
8-bit A-law PCM .wav, .au	Up to 704 kbps	Up to 48 kHz

Format	Bit Rate	Sampling Rate
8-bit mu-law PCM .wav, .au	Up to 704 kbps	Up to 44 kHz (8, 11.05, 12, 16, 22, 44 kHz)
WMA v9 L2 (also WMA v3, v7, v8) .wma	Up to 320 kbps	48 kHz
Stand MIDI .mid, .midi, .smf	N/A	N/A
XMF MIDI .xmf, .mmf, .xmf0, .xmf1, .mxmf	N/A	N/A

Format	Bit Rate	Sampling Rate
iMelody .imy	1 – 3.5 kHz Monophonic	N/A

Supported video file formats include:

Format	Extension
MPEG4 + AMR-NB	.mp4, .3gp
MPEG4 + AMR-WB	.mp4, .3gp
MPEG4 + AAC / AAC+ / Enhanced AAC+	.mp4, .3gp
H.263 + AMR-NB	.3gp
H.263 + AMR-WB	.3gp
H.263 + AAC / AAC+ / Enhanced AAC+	.3gp

camera

The 1.3 MP camera with a digital, external viewfinder in your handset takes pictures and records videos. You can save these pictures and videos in your phone's memory or to a memory card inserted in your phone's memory card slot, depending on the storage preference you chose. You can access these saved pictures and videos through the media center.

You can send the pictures you take either in Private calls or with Bluetooth. You can also assign them to Contacts entries, or set them as your phone's wallpaper.

access the camera

There are many ways to access the camera. The simplest way is to press .

To take pictures aim the camera lens on the flip and press  under **Capture** or press .

Note: If you insert a memory card into the phone now, you are prompted to save the picture you have just captured to the memory card. Choosing to save the picture to the memory card does not change your storage preferences after the picture is saved.

To save the picture, press .

To discard the picture without saving it, press  under **Discard**.

From the camera viewfinder, you can press  to enter **Menu Options**.

The following options become available:

option
Record Video: Recording a video is similar to taking a picture. If you store videos in phone memory, you can record videos up to 60 seconds long. If you record video onto the memory card, the video length is limited by how much memory is available on the card or two (2) hours.
Zoom: Set the zoom to 1x , 2x , or 4x . You can also set zoom from the viewfinder by pressing  up and down.
Spotlight: Turn on the spotlight On before taking a picture in low light conditions. You can set it up to be Always On or Off .
Self Timer: Delay capturing the picture for a selected number of seconds. The values are: Off (default), 10 seconds , 15 seconds , 20 seconds . To turn off the timer before the picture is captured, press  under Cancel .

option
Picture Quality: Adjust the picture quality to Normal or Fine .
Picture Size: Set up the picture size to Max (1280x1024) , Xlarge (640x480) , Large (320x240) , Medium (160x120) , Small (128x96) , Wallpaper1(176x220) , or Wallpaper2(96x65) . You can also set picture size from the viewfinder by pressing  left and right.

digital viewfinder

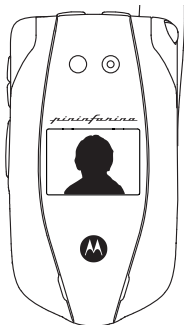
The external digital viewfinder allows you to take self-portraits with convenience and accuracy compared to a mirror.

To take self-portraits press , close the flip and press the speaker phone  key.

When you finish taking pictures, press the smart  key to exit the self-portrait camera mode.

photo editor

Your handset comes with a photo editing Java application that allows you to edit your pictures with crop, resize, flip and color



adjustment tools. You can also add graphics and text to your pictures.

Find it:  >  > **Media Center.**

1 Select the picture you want to edit.

2 Press  > **Edit.**

or

Find it:  >  > **Photo Editor.**

change storage preference

You can choose whether media items are saved to your phone's memory or to the memory card. From the camera viewfinder press  > **Memory Card** > **Store Media.**

1 Select **On Phone** or **Prefer On Card.**

2 The location that you choose becomes the **Store Media** option in **Settings.**

access the media center

You can access the media center from the camera at any time by pressing  > **Media Center**, except when you are using the **Camera Setup** menu or viewing the memory screen.

The media center contains all your pictures, music and video files located on your phone's memory or your removeable memory card. Use the  or the  to filter your results.

customize the camera

Find it:  >  > **Camera Setup**

The following options become available:

option
Ask for Name: If this option is On , you are prompted to enter a name for each picture before saving. Otherwise, pictures are automatically saved with the date and a number as their names.

option
Shutter Sound: Set the default sound the camera makes when is taking a picture.
Default Size: Sets the default value for the Picture Size option.
Default Quality: Sets the default value for the quality of the picture.
Spotlight Setting: Select Always On , or Off , depending on the lighting condition.

PTV 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

1. Additional charges may apply.

- Pictures¹
- Datebook events
- My Info
- Contact information
- Location information¹

You can choose to send messages, pictures, events, **My Info**, **Contacts** or **Location** 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.

You can turn your phone's ability to send and receive messages, pictures, events or location information On and Off.

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

send messages



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

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:  >  > **PT Manager** > **Send Message**.

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

create messages

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

You can choose from a list of ready-made words or short phrases called Quick Notes. You can use a Quick Note as it is or edit it before you send it. Editing a Quick Note changes the Quick Note for this message only and will not change the Quick Note on the list.

send a completed message

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

receive messages

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

To view the message: Press  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:  >  > **Media Center**

- 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:  >  > **PT Manager** > **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** or **Capture 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 or a memory card. They are accessible through the media center.

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

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

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

clear a picture from the display

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

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

send a datebook event



You can send an event already stored in your phone's datebook or create a new datebook event to send. You can send datebook events during private calls, from the Contacts list, Recent Calls list or from the PT Manager.

to send a datebook event during a private call

- 1 While in a Private call 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

- 1 While in a Private Call press  > **Send My Info via PTT**, and push the PTT button to send.
or
- 2 From the home screen press  >  > **My Info** >  > **Send My Info via PTT** and push the PTT button to send.

set my info sending option



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

Find it:  >  > **PT Manager** > **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:  >  > **PT Manager** > **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

- 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.
or
- 1 From the home screen press  >  > **PT Manager > 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.

send your location



You can transfer your approximate location information through Private calls to other enabled phones. Using the integrated GPS feature the following location information can be shared:

- Time Stamped Latitude/Longitude
- Relative Location or Direction and distance from the sender in Miles or Kilometers

Find it:  >  > **PT Manager > Send Location**.

- 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 your location to.
- 3 Press the PTT button to send your location.

Note: The location information can be stored in the recipient's recent call list.

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:  >  > PTT Options > On/Off PTT Features.

- 4 Check or uncheck Messages, Pictures Events and/or Location.

one touch PTT

Find it:  >  > PTT Options > 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 54.
Last Call: Call the most recent Private ID or Group on the recent calls list.

option
Assigned Number: Call a Private ID you assign. Enter the number using your keypad, or press  under Search . Select Contacts , Recent Calls , or Memo . If you are entering a Talkgroup number, press  before the number.
PT Manager: Go to PT Manager. See “PT manager” on page 55.
Send Message: Go to the first screen to send a message. See “send messages” on page 46.
Send Picture: Go to the first screen to send pictures. See “send pictures” on page 48.
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 51.

option
Send Contact: Go to the first screen to send a contact. See “send contact information” on page 52.
Send Location: Go to the first screen to send your location. See “send your location” on page 52.

quick PTT



Quick PTT lets you quickly make a call, create an SDG list or make a SDG call when access any Private IDs on your phone.

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

Find it:  >  > **Quick PTT**

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

To make a Private call or SDG call:

- 1 Select the entries you want.

2 Press  under **Done**.

3 Push the PTT button.

To save your selections as a SDG list press  > **Save SDG**. For more information about SDG lists, see “selective dynamic group (SDG) calls” on page 92.

If you want to assign a name to the SDG list, enter the name.

Note: If you do not assign a name, the SDG list is named SDG followed by the number of members in the SDG list. For example, SDG (8) for a SDG list with 8 members.

PT manager



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

You can also access the Quick PTT feature and set the One Touch PTT feature.

Find it:  >  > **PT Manager**

1 Select **Quick PTT** to quickly find a contact that has a Private ID.

or

2 Select **Send Message, Send Picture, Send Event, Send My Info, Send Contact** or **Send Location**. After choosing what PTT item you are sending, select a contact and press the PTT button to send.

or

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

MMS



Multimedia Messaging Service (MMS) lets you send and receive messages that may include text, pictures, videos, and audio recordings.

Depending on your service provider, your phone may support MOSMS as well as MMS. You should see no significant differences between the two; some names of menu items and the steps you take to access features may differ.

create a message

Shortcut: From the home screen press  under **Msgs** > **[Create Message]** > **[Create MMS Msg]**.

or

Find it:  > **Messages** > **[Create Message]** > **[Create MMS Msg]**.

Note: You can also create a message from **Contacts**, **Recent Calls**, or the home screen.

To address the message:

- 1 Select **To**:
- 2 Add the phone number or email address.

or

- 3 Select from **Contacts** or **Recent Calls**.

- 4 Press .

Tip: To remove a phone number or email address from the list of message recipients, scroll to the phone number or email address and press  under **Remove**.

When you are finished addressing the message, press  under **Back**.

To enter or edit the body of the message:

- 1 Select **Message**.
- 2 Enter text using the keypad or press  under **QNote** to select a quick note of your choice (see “quick notes” on page 57) and press .

more message options

To view more message fields in a message you are creating, select **...More...**

The following options become available:

option
Subject: Create or edit the Subject line.
Attach: Attach a picture, audio file, video or voice record.
Cc: Send a copy of this message to someone else.
Auto Replies: Allows you to create a list of possible short answers for the recipient to choose when replying to your message.
Priority: Set priority Normal or High .
Report: Set receipt confirmation On Delivery .
Valid Until: Set a date after which attempts to deliver the message end, or press ☐ under No Date .

reply to a message

You can reply to a message while you are viewing it, or while a previously viewed

message is highlighted in the message center. You cannot reply to unread messages.

To reply to a message:

- 1 View the message you want to reply to.
- 2 To reply to the sender only, press **Reply** or **Reply All**.
- 3 A list of short phrases appears. Select any of these phrases to add it to your messages or select **[Create Reply]**.
- 4 Edit any message fields you want to change.
- 5 Press ☐ under **Send**.

quick notes

When you are filling in the **Message** and **Subject** fields, you can add ready-made words or short phrases called quick notes. After you add these words or phrases, you can edit them as you would any other text.

- 1 While you are creating a message, scroll to or select **Message** or **Subject**.
- 2 Press  under **QNotes**.
- 3 Select the quick note you want to insert into the message.

insert a picture, video, and audio recording from the media center

You can insert one or more pictures, videos, and audio recordings from the media center into the body of the message. You can include text in the body of your message in addition to these items.

insert items

While you are filling in the **Message** field, press  and select **Insert QuickNote**, **Insert Picture**, **Insert Audio**, **Insert Video**, **Capture Video**, **Capture Picture** or **Record Voice**.

A list of available quick notes, pictures, videos, and audio recordings appears.

Select the quick note, picture, video, or audio recording you want to insert.

Tip: To view or listen to the item before inserting it, highlight it and press  under **Preview**.

remove an inserted item

To remove an item from the message you are creating, highlight it and press  under **Delete**.

attach a picture, video, and audio recording from the media center

You can attach one or more pictures, videos, and audio recordings from the media center.

- 1 When you are filling in the message, select **Attach** > **[New Attachment]**.

- 2 Select **Browse Pictures**, **Capture Picture**, **Browse Audio**, **Record Voice**, **Browse Video**, or **Record Video**.

A list of available pictures, videos, and audio recordings appears.

- 3 Select the picture, video, or audio recording you want to attach.

Tip: To view or listen to the item before attaching it, highlight it and press  under **Preview**.

If you want to attach more items, select **[New Attachment]**.

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

take a new picture

- 1 While you are creating a message, scroll to any message field and press  or select **Attach > [New Attachment]**.

- 2 Select **Capture Picture**. This accesses the camera.

Tip: If you want to adjust the zoom, spotlight, picture quality, picture size, or a timer, set these options before taking the picture.

- 3 Take the picture. For instructions on how to take the picture see “camera” on page 42.

- 4 When you have captured the picture you want, press  under **Save**. This will automatically save it to your media center and attaches it to your message.

To discard the picture, press  under **Discard**. You can then take another picture.

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

The picture is attached to the message and saved to the default storage location.

record a video

You can record a video to send with a message:

- 1 Select **Attach** > **[New Attachment]**.
- 2 Record and adjust video.
To view the video without saving it, press  under **Review**.
- 3 To save the video, press  or press .
- To discard the video without saving it, press  under **Discard**.
- 4 The picture is attached to the message and saved to the media center in the default storage location.

create a new voice record

You can create a new voice record to send with a message:

- 1 Press  or select **Attach** > **[New Attachment]**.

- 2 Select **Record Voice**.
- 3 Say the message you want to record into the microphone.
- 4 When you are finished recording, press .
- 5 When you are finished, press  under **Done**.
- 6 The voice record is attached to the message and saved to the media center and the list of voice records.

remove an attachment

To remove an attachment in a message you are creating:

- 1 Select **Attach**.
- 2 Scroll to the attachment you want to remove.
- 3 Press  > **Unattach**.

drafts

While composing a message you can save it in the MSS drafts folder by pressing  > **Save In Drafts**.

You can continue to create the message. The version you saved in the MMS drafts folder will not change.

send a draft

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

- 1 Select the draft you want to send.
- 2 Press  under **Send**.

Note: If **Send** does not show as an option, you might need to complete required fields in the message in order to send it.

edit a draft

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

- 1 Select the draft you want to edit.
- 2 Press .

delete a draft

When you send a draft, it is removed from the MMS drafts folder.

- 1 To delete a message in the MMS drafts folder without sending it, scroll to the message you want to delete and press  under **Delete**
- 2 Press  under **Yes** to confirm.

MMS outbox

MMS messages you have sent or tried to send are stored in the MSS Outbox.

forward items from the outbox

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

- 1 Scroll to the message you want to forward.
- 2 Press  > **Forward**.
- 3 Make editions if you wish, select the recipient and press  under **Send**.

resend

If a message was not sent from your handset, you can resend it.

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

- 1 Scroll to the message you want to resend.
- 2 Press  under **Resend**.

Note: If your message was sent successfully, **Resend** will not appear as an option.

check delivery status

If a message was successfully sent and you set the message to give a report confirming delivery, you can check the delivery status:

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

- 1 Scroll to the message you want to view.
- 2 Press  > **Delivery Status**.

delete a message

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

receive a message

When you receive an MMS message, a message notification appears on the display.

- 1 To view the message press .

If your phone is set to download new messages automatically, the message downloads from the message server now.

- 2 If your phone is set prompt you before downloading new messages, press .
- 3 If the message fills more than one screen, scroll down to read it.

embedded objects and attachments

Messages may contain pictures, videos, or audio recordings as part of the body of the message or as attachments.

If a message contains pictures, videos, or audio recordings in the body of the message, highlight each picture, video, or audio recording to view or play it.

If a message contains a picture, video, or audio recording as an attachment, open the

attachment to view the picture or play the video or audio recording.

open attachments

- 1 View the message.
- 2 Highlight the attachment you want to open. Attachments appear at the end of a message.
- 3 Press .

Note: Attachments that are of an unknown type cannot be opened, but they can be deleted.

view received messages from the message center

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

Select the message. If the message has not yet been downloaded from the message server, it is downloaded now.

delete unread messages

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

lock and unlock messages

Locked messages cannot be deleted until you unlock them.

- 1 View the message you want to lock or unlock.
- 2 Press  > **Lock Message** or **Unlock Message**.

call a number in a message

If a message you receive contains a phone number, Private ID, or Talkgroup ID in the **From**

field, the **To** field, the **Cc** field, the **Subject** field, or the body of the message, you can call or send a call alert to that number.

send a call alert

- 1 View the message.
- 2 Highlight the Private ID or Talkgroup ID you want to alert.
- 3 Press  > **Alert**.
- 4 Push the PTT button.

make a group call



- 1 View the message.
- 2 Press .
- 3 Highlight the Talkgroup ID you want to call.
- 4 Select **Talkgroup**.
- 5 Push the PTT button.

store message information to contacts

If a message you receive contains a phone number, Private ID, Talkgroup ID, or an email address in the **From** field, the **To** field, the **Cc** field, the **Subject** field, or the body of the message, you can store this information to **Contacts**.

- 1 View the message.
- 2 Highlight the number or email address you want to save.
- 3 Press  > **Save Number** or **Save Email**.
- 4 To store the number or email address as a new entry, select **[New Contact]**.

To store the number or email address to an existing entry, select the entry.

- 5 With the **Contacts** type field highlighted, press  left or right to display the

Contacts type you want to assign the number or email address.

- 6 Press  under **Save**.

go to a website

If a message contains one or more website URLs, you can go to that website.

- 1 View the message.
- 2 Highlight the website URL you want to go to.
- 3 Press  > **Go To Website**.

Note: The entire URL must appear in the message to allow you to open the website.

save an embedded picture, video, or audio recording

To save a picture, video, or audio recording that is part of the body of a message you receive:

- 1 View the message.
- 2 Highlight the picture, video, or audio recording you want to save.
- 3 Press .
- 4 Select **Save Picture**, **Save Video**, or **Save Audio**.

The item will save in the default storage location.

Note: Some types of pictures, videos, and audio recordings can be viewed or played, but not saved.

delete an embedded picture, video, or audio recording

To delete a picture, video, or audio recording that is part of the body of a message you receive:

- 1 View the message.
- 2 Highlight the picture, video, or audio recording you want to delete and press .
- 3 Select **Delete Picture**, **Delete Video**, or **Delete Audio**.

save attachments

- 1 View the message.
- 2 Highlight the attachment you want to save.
- 3 Press  > **Save Attachment**.

Selected items save to the default storage location.

Note: Some types of pictures, videos, and audio recordings can be viewed or played, but not saved.

delete attachments

- 1 View the message.
- 2 Highlight the attachment you want to delete.
- 3 Press  > **Delete Attachment**.
- 4 Press  under **Yes** to confirm.

message transmission

After you start to send a message you have created or start to download a message you have been sent, you can still stop the message transmission from being completed:

With the flip closed, press the smart key on the top . Opening or closing the flip does not interrupt message transmission.

customize MMS

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

or

Find it:  >  >  > **MMS Setup**.

This option is available from many context-sensitive menus when you are using MMS.

The following options become available:

option
Friendly Name: Enter text here to create a friendly name. Your friendly name is the name displayed in the From: field on other iDEN handsets when they receive messages from you.

option
Signature: Enter text here to create a signature. Your signature is text that is automatically inserted at the end of all messages you create. You can edit the text before sending the message.
Quick Notes: Lets you create new Quick Notes and edit or delete Quick Notes you have created.
Replies: Lets you create new reply phrases and edit or delete reply phrases you have created.
Cleanup: Controls how long messages remain in the Inbox and Outbox before they are deleted.

option
Download Options: Controls whether your phone automatically downloads new messages when they arrive, or only after you respond to a prompt or read the message from the Inbox. Set this option to Automatic if you want your phone to download new messages automatically; set the option to Manual if you want your phone to prompt you before downloading new messages.

new quick notes and reply phrases

Note: These Quick Notes are not the same as the quick notes used with MOSMS messages. Each messaging service has its own quick notes feature.

create quick notes

- 1 From the MMS Setup menu, select **Quick Notes** or **Replies**.

- 2 Select **[New QuickNote]** or **[New Reply]**.
- 3 Enter text from the keypad and press **OK**.

edit quick notes

You can edit only Quick Notes and reply phrases you have created.

- 1 From the MMS Setup menu, select **Quick Notes** or **Replies**.
- 2 Select the quick note or reply phrase you want to edit.
- 3 Edit the text and press **OK**.

delete only quick notes and reply phrases you have created

- 1 From the **MMS Setup** menu, select **Quick Notes** or **Replies**.
- 2 Scroll to the quick note or reply phrase you want to delete.
- 3 Press **OK** under **Delete**.

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

delete all quick notes or all reply phrases you have created

- 1 From the MMS Setup menu, select **Quick Notes** or **Replies**.
- 2 Press **OK** > **Delete All**.
- 3 Press **OK** under **Yes** to confirm.

clean up options

The clean up option controls how long messages remain in the Inbox and Outbox before they are deleted. You set the clean-up option for the Inbox and Outbox separately.

The clean up option deletes only read, unlocked messages.

Shortcut: From the home screen press **OK** under **Msgs** > **OK** > **MMS Setup** > **Cleanup**.

or

Find it:  >  >  > **MMS 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 5 messages, messages are deleted in the order they were received, starting with the oldest, until 5 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. With these options, messages are deleted in the order they were received, starting with the oldest, until the selected number are left.

option

1 Day: Messages are deleted if they are older than 1 day.

3 Days: Messages are deleted if they are older than 3 days.

With these options, messages are deleted when you exit the message center after setting the option.

Custom: Lets you create a clean-up option of up to 99 messages or 99 days. for the inbox

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

delete all messages

To delete all read, unlocked messages from the Inbox, all messages in the Drafts folder, or all successfully sent messages in the Outbox:

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

or

Find it:  > .

- 1** Select **Inbox**, **Drafts**, or **Outbox**.
- 2** Select **MMS Inbox**, **MMS Drafts**, or **MMS Outbox**.
- 3** Press  > **Delete All**.
- 4** Press  under **Yes** to confirm.

bluetooth®

Your handset supports the use of wireless Bluetooth stereo headsets. The audio from the music player is routed to the stereo headset. Additionally the handset can be connected to a Bluetooth Home Stereo Adapter to stream content from your home entertainment system and listen wirelessly from your headset without missing a call.

All stereo audio includes ring tones, music and Java sound.

Find it:  >  > **Bluetooth**.

The Bluetooth connection menu contains an option to search for **Audio Devices** including stereo Bluetooth devices.

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:  >  > **Bluetooth** > **Setup** > **Power**.

- 1 Select **On** to power Bluetooth On.
- 2 Select **Name** if you wish to assign a name to your handset.
- 3 Select **Find Me Duration** to determine the amount of time in which your handset can be found by other Bluetooth devices.

Tip: 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 handset with a Bluetooth headset

Find it:  >  > **Bluetooth** > **Audio Devices** > **[Look for Devices]**.

- 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 press  on your handset. Your phone will scan the Bluetooth headset until it finds it. Press  when you see the name of the Bluetooth headset on your screen.
- 3 Your handset requires that you create a bond in order to connect with a Bluetooth headset. Press  under **Yes** when you are prompted to bond 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. To establish a connection to that device, enter the same PIN for both your phone and the device. For example, if you enter 1234 as the device's PIN, then enter 1234 as your phone's PIN.

- 5 Press  under **Ok**.

Note: This handset offers bluetooth auto pair feature with auto pair compatible Motorola devices. When bonded via bluetooth with a certain device, the pin will not be required

connect your handset with another Bluetooth device

Find it:  >  > **Bluetooth** > **Pair 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.

Tip: 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.

Note: If the **Audio Devices** list contains only one device, then your phone will automatically try to connect to that device.

- 1 While in a call, press  > **Use Bluetooth**.
- 2 Press  under **Yes** to power On Bluetooth.
- 3 Select the audio device you want to connect to from the list of **Handsfree Devices**.

send information via Bluetooth

You can use your handset to send Contacts entries, Datebook events, or audio files, pictures, and videos in the media center to another Bluetooth device.

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

Note: Files sent or received may be up to 6 MB, depending on your service provider.



send Contacts

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

- 1 Select the contact you want to send.
- 2 Press  > **Send Via...** > **Bluetooth.**
- 3 Press  under **Yes** to power On Bluetooth.

- 4 Select the device you want to transfer the contact information to.

or

Search for the device by selecting **[Look for Devices]**.

- 5 If prompted, bond with the device.

Your phone connects with the devices and transfers the contact.

send a Datebook event

Find it:  >  > **Datebook**

- 1 Select the datebook event you want to send.
- 2 Press  > **Send Via...** > **Bluetooth.**

If the event you select repeats, then you will be prompted to choose whether to send the selected instance of the event or all instances of the event.

To send only the selected instance of the event, select **This Event Only**.

or

To send all instances of the event, select **Repeat Events**.

- 3 Press  under **Yes** to power On Bluetooth.
- 4 Select the device you want to transfer the contact information to.

or

Search for the device by selecting **[Look for Devices]**.

- 5 If prompted, bond with the device.
Your phone connects with the device and sends the datebook event.

send audio files, pictures, and videos

Note: Note: You can only send audio files, pictures, and videos if they are not forward

locked and if their DRM settings do not prevent you from sending.

Find it:  >  > **Media Center**

- 1 Select the audio file, picture, or video 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 **[Look for Devices]**.

- 4 If prompted, bond with the device.
Your phone connects with the device and sends the datebook event.

clock screen saver

Your handset comes with a clock screen saver that shows the time and day of the month

through the external display when this one is in power save mode.

When a key is pressed the screen saver is removed and the display lights up.

Find it:  >  > **Display/Info** > **Clock** > **Screen Saver.**

You can choose from five different clock styles:

External Clock 1



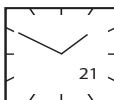
External Clock 2



External Clock 3



External Clock 4



External Clock 5



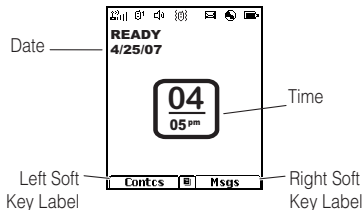
basics

See page 1 for a basic phone diagram.

display

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

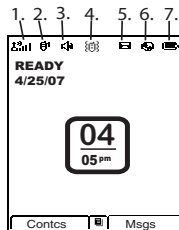
Note: Your home screen may look different.



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

status indicators

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



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

- 2 **Active Phone Line:** 1 indicates phone line 1 is ready to make calls; 2 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 handset is ready to transfer packet data or is transferring packet data when it shows a blinking arrow.
- 7 **Battery Charge Indicator:** A fuller battery indicates a greater charge. Recharge the battery when your phone shows **Low Battery**.

main menu

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

Find it:  >  > **Display/Info** > **Menu View**.

text entry

Some features let you enter text.

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

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

Tip: When entering text, press  to display the text counter. The maximum letters you can type on one message depends on the language. The i876 supports up to 765 letters in English. If your carrier provides long



text message service such as concatenated SMS, the page counter is also displayed.

word method

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

The Word English 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  key.

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]	. ? ! , @ & : ; " - () ' ` ~ % £ \$ ¥
[2]	A B C 2 Á Â Ã Ä Å Ç
[3]	D E F 3 É Ê Ë
[4]	G H I 4 Í Î
[5]	J K L 5
[6]	M N ñ O 6 Ó Ô Õ Ö Ø
[7]	P Q R S 7 ß

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

navigation key

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



handsfree speaker

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

During a call (with the flip open), press  under **Speaker** to turn the handsfree speaker On.

The handsfree speaker stays on until you press  under **Speaker** or close the flip.

Note: The handsfree speaker won't work when your phone is connected to a handsfree car kit or headset.

transmitters

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

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

use GPS with map software

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

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

The data sent to the host device is formatted as prescribed in the National Marine

Electronics Association 0183 V3.0 (NMEA-0183) standard. As such it supports the following sentences: GGA, GLL, GSA, GSV, RMC, and VTG.

This handset is not a full NMEA-0183 compliant device supporting electrical RS-422/RS-232 connectivity as dictated by the NMEA-0183 standard. Consequently it's unsuitable for conventional marine NMEA-0183 equipment use. Its intended use is for normal "terrestrial" mobile users who want to enable their USB hosting computing devices such as a PC, laptop or PDA with the phone's highly-capable GPS functionality.

get connected



- 1 Slide open the phone's bottom connector and insert a mini-USB cable into the phone's bottom connector.
- 2 Insert the other end of the mini-USB cable into a vacant USB receptacle of your host

device. A virtual USB Comm Port will be created on your host device upon successful enumeration of the phone as a USB Communications Device Class device.

- 3 Ensure no application in your host device is using the created COMM port. You may need to ensure that the created virtual COMM port settings are set as follows:

- **Bits per second:** 4 800
- **Data bits:** 8
- **Parity:** None
- **Stop bits:** 1
- **Flow control:** None.

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

- 5 Set your phone to start sending NMEA-0183 formatted location information.

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

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

To stop your phone from sending location data:

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

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

Your USB host device will generally provide charging power (5V, up to 500mA) to your phone via the mini-USB cable therefore no other charging power to it will normally be required. However some laptops may require

that you provide external AC/DC power to the laptop in order for it to provide full 500mA charging current capability to the phone.

features for the hearing impaired

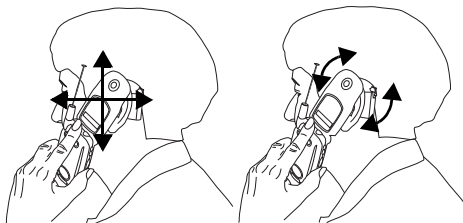
using your phone with a hearing aid

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

optimize your handset position and orientation

While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also

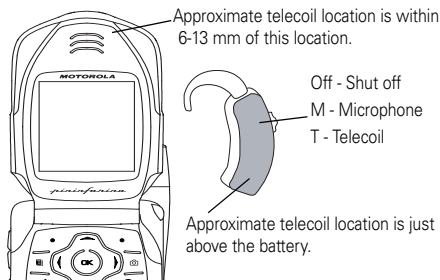
may need to adjust your hearing aid (HA) volume setting.



If your HA has a telecoil, activate its switch, then also rotate the handset 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.



optimize your handset antenna position

Your phone's rating for HA compatibility is determined with the antenna extended if it has an extendable antenna. However, acceptable use might occur with the antenna retracted. Test your handset in both antenna positions when the handset is in the optimum orientation.

choose your hearing aid setting

Find it:  > Settings > Phone Calls > Hearing Aid.

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

features for the vision impaired

voice playback

The *Voice Playback* feature allows you to use a simulated voice to guide you through phone

menus and through placing and receiving phone calls.

You can hear the following as you use your phone:

- The number keys you have pressed
- The names, numbers, and contact types of each contact entry as you scroll through Contacts
- The status information on the Home screen, such as signal strength, battery level, date and time, and service status

Note: When you access the idle screen, you will hear “Home”

- Main menu options as you scroll through the main menu
- A prompt indicating that your phone is placing a call
- The name of incoming callers rather than a ring tone

Find it:  >  > **Voice Playback.**

- 1** Select **Speak Text** > **On** for the navigation playback.
- 2** Select **Speak Caller** > **On** to hear the name or phone number of incoming callers
- 3** Select **Voice** to choose either a female voice (**Barbara**) or male voice (**Simon**).
- 4** Select **Multimedia Volume** and press the volume keys up or down to adjust the volume of voice playback.

high contrast theme

Your handset comes with a standard high contrast theme that provides black and white text with reverse text highlighting and very large icons for easy visualization of selection.

Find it:  >  > **Display/Info** > **Theme** > **High Contrast.**

calls

To make and answer calls, see page 19.

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 PTV items with those calls:

- contact information received
- My Info received

- short text messages received
- pictures sent or received
- Datebook events received
- Location information received

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

- 1** Press  > **Recent Calls**.
- 2** Scroll through the list.

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:  > Recent Calls.

- 1 Scroll to or select the item you want to store.
- 2 Press  under **Save** to store the information as a new entry in the Contacts list.
or
- 3 Select an existing contact and update the information.
- 4 Press  under **Save** 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. If you do not want your number displayed when you make a call, just follow these easy steps.

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



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

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

call forward

Call forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or forward missed calls to

different numbers depending on the reason you missed the call. You can forward phone lines 1 and 2 independently.

Find it:  >  > **Phone Calls > Call Forward.**

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

or

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

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

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

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

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 **Contacts** 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 voice name

- 1 With the flip closed or open, press the speaker key  until you are prompted to say the voice name.

The handset will automatically place the call.

emergency calls

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

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

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

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

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

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

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

international calls



If your phone service includes international dialing, press and hold 0 to insert your local

international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

speed dial

Each phone number stored in 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).

voicemail



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

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:

To check voicemail messages:

Press the soft key under **Call**.

To dismiss the message notification:

If the flip is closed, press the smart key  on the top.

If the flip is open, press , **Back**, or close the flip.

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

selective dynamic group (SDG) calls



A SDG call is similar to a Private call, but is made to all members of a SDG list at once. A SDG list is a group of Private IDs that you create using your phone. A SDG list must contain at least 2 members and can contain up to 20 members.

You can create a SDG list for one call only or store it to Contacts so you can call it any time.

Note: In order to store SDG lists to your phone, you must use a SDG-capable SIM card. For more information about SDG-capable SIM cards, contact your service provider. SDG lists created with your phone

are not readable by an older iDEN SIM-based phone.

You can use Send via PTT to send SDG lists to other phones that have this capability.



create SDG lists in contacts

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

- 1 Select **[New SDG List]**.

Tip: You can also create a SDG list by selecting **[New Contact]** and assigning the SDG contact type. See “store a phone number or private ID” on page 22.

- 2 If you want to assign a name to the SDG list, enter the name.

Note: If you do not assign a name, the SDG list is named “SDG” followed by the number of members in the SDG list. For

example, “SDG (8)” for a SDG list with 8 members.

- 3 Add Private IDs. See “Adding Private Numbers” below.
- 4 If you want to create a voice name for the SDG list, select **[Options]** > **Voice Name**. As directed by the screen prompts, say and repeat the voice name you want to assign to the SDG list. Speak clearly into the microphone.
- 5 Press  under **Save**.

add private numbers

You can add Private IDs to a SDG list by selecting them from Contacts, the recent calls list, or memo. You can add all members in an existing SDG list by selecting the list.

You can select more than one member from Contacts and the recent calls list. A

checkmark appears next to each selected item.

Tip: To deselect a selected item, highlight it and press .

You can also enter Private IDs from the keypad.

add members from contacts, the recent calls list, or memo

- 1 While creating a SDG list, select **[Add Member]** or select **[Add Number]** and press  under **Browse**.

Tip: To move between Contacts, the recent calls list, and Memo, scroll  left or right.

- 2 Scroll to the members you want from Contacts, the recent calls list, or Memo, and press . A checkmark appears next to each selected member.

Tip: To deselect a selected member, highlight it and press .

3 Press  under **Done**.

add members manually from the keypad

- 1** While creating a SDG list, select **[Add Number]**.
- 2** Enter the Private number using the keypad.

remove members or SDG lists

remove a member from a SDG list

- 1** From Contacts, scroll to the SDG list you want to delete the member from.
- 2** Press  under **Edit**.
- 3** Scroll to the member you want to remove.
- 4** Press  > **Remove Member**.

5 Press  under **Save**.

remove all members from a SDG list

- 1** From Contacts, scroll to the SDG list you want to delete the member from.
- 2** Press  under **Edit**.
- 3** Press  > **Remove All Members**.
- 4** Press  under **Yes** to confirm.

delete a SDG list from Contacts

- 1** Scroll to the SDG list you want to delete.
- 2** Press  > **Delete SDG List**.

make SDG Calls

- 1** From Contacts or the recent calls list, scroll to or select the SDG list you want.
or
Press and hold  until a prompt appears telling you to say the voice name. Say the

voice name assigned to the SDG list you want.

or

From the home screen, press the number on your keypad for the shortcut you assigned to the SDG list you want.

or

Enter or select a Private ID and add more Private IDs. “start a SDG call with a private” below.

- 2 Push the PTT button.

start a SDG call with a private

You can start a SDG call with any Private ID you want to call.

Note: Choose the first Private ID that you want in the SDG call:

- 1 From the home screen, enter the Private ID.

or

From the Contacts list, scroll to an entry containing the Private ID.

or

From recent calls list, scroll to an entry containing the Private ID.

- 2 Press  > **Call SDG**.

- 3 Add more Private IDs. See “add private numbers” on page 93.

If you want to save the SDG list you have created press  > **Store SDG**.

or

If you do not want to save the SDG list, press  under **Done**.

- 4 Push the PTT button to make the call.

SDG call Information

While you are in a SDG call, the following appears on the screen:

- The name of the SDG list
- The name or the Private ID of the person speaking
- The number of participants in the SDG call

SDG Call Details

During a SDG call, you can view details about the other SDG list members, such as their name or Private ID, and their status on the call. To view SDG call details, press  under **Details**.

In the SDG Call Details view, these icons appear next to member names or Private IDs:

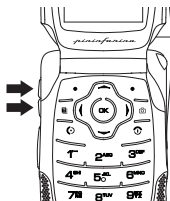
-  The member of the SDG list who is speaking.
-  A member of the SDG list who is active on the SDG call, but not speaking.
-  A member of the SDG list who has exited the call.
-  A member of the SDG list who could not be reached on the SDG call.
-  A member of the SDG list whose status is unknown.

customize

volume

Press the volume keys to:

- turn off an incoming call alert
- 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.

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:

Note: Only ring tones stored in your phone's memory are available in the ring tones list. To assign a ring tone stored on a memory card inserted in your phone's memory card slot, you must go to the media center. Not all audio files can be assigned as ring tones.

Find it: > > Ring Tones

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

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

Tip: Highlighting a ring tone lets you hear it.

- 3 Select the features you want to assign the ring tone to.
- 4 When you are finished, press  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 instead of making a sound when you receive all phone calls, Private calls, group calls, SDG calls, call alerts, messages notifications, pictures sent using Send via PTT, and Datebook reminders.

Find it:  >  > **Ring Tones** > **Vibrate All**

98 customize

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.

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

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

Find it:  >  > **Ring Tones**.

- 1 Make sure **Vibrate All** is set to **Off**.
- 2 Select **Vibrate** from the list of ring tones.
- 3 Select the features you want to set to make no sound.

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

wallpaper

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

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

- 1 Select **External**
- 2 Scroll through the list of pictures and press  to select the picture of your choice.
- 3 Press  under **Back**.
- 4 Select **Internal** > **Placement**

If you want the wallpaper in the home screen only select **Idle Only**; if you want the

wallpaper to show throughout all the menu screen, select **Throughout**.

Note: You can set the internal and external wallpapers to change automatically after a certain period of time by turning on the **Auto Cycle** feature located in the Wallpaper menu. If you set this feature to **On**, you can choose the pictures you want to appear randomly.

datebook

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.

options

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.

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.

hide or show location information



Your phone is equipped with a Location feature for use in connection with location-

based services that may be available in the future.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

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

set your privacy options

Find it:  >  > **GPS** > **Privacy**.

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

other features

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 . Your phone rings with the second call for you to answer.

feature

3-way call

Make or receive a phone call and press  > **3 Way**. Enter the second phone number, press  and  under **Join**.

For quick ways to enter the number, press  to see the dialing menu.

You cannot make any other calls after you have joined a 3-way call, even if one party disconnects.

feature	
flip activation	To make your handset to answer and end calls by opening and closing the flip press  >  > Phone Calls > Flip Activation. Select Flip To Ans > On and Flip to End > On.
any key answer	To answer phone calls by pressing any key on the keypad press  >  > Phone Calls > Any Key Ans > On.

alarm clock

feature	
access alarm clock	To access the alarm clock press  >  > Alarm Clock Plus To set the alarm clock press  under Set. Use  to set the desired time and press  under Done.
stop watch	To access the stop watch press  >  > Alarm Clock Plus >  > Stopwatch Press  under Start
quick timer	To access the quick timer press  >  > Alarm Clock Plus >  > Quick Timer Use  to set the desired time and press  under Start

feature	
do not disturb	To access Do not disturb press  >  > Alarm Clock Plus >  > Do Not Disturb. Press  under Yes. “Do Not Disturb” mode will allow you to turn off your phone’s transmitters. When your phone is set to Do Not Disturb, no incoming phone or private calls will be received.

Note: Alarm Clock features only work when the handset is powered On.

Warning: When you set the alarm clock, "default subject" data is stored in your datebook. This data is necessary for the alarm clock to work properly; do not delete this data from the datebook.

contacts

feature	
edit/delete contact entry	Press  under Contacts. Select a contact and press  > Edit. Change the desired content and press  under Save.
set ring ID	Press  under Contacts. Select a contact and press  > Edit > [Ring Tone/Picture]. Select desired ringer and press  under Back >  under Save
set picture ID	Press  under Contacts. Select a contact and press  > Edit > [Ring Tone/Picture]. Select desired picture and press  under Back >  under Save

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  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 Dismiss to close the reminder.

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

GPS

Note: To improve GPS performance:

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

feature	
view approximate location	To see your approximate location press  >  > GPS > Position. Scroll to view the entire screen. To recalculate position press Refresh. This may take several minutes.

feature	
set GPS privacy options	To set the level of privacy for your GPS system press  >  > GPS > Privacy. If your GPS PIN security feature is enabled, enter your GPS PIN and select the privacy option you want.
change GPS PIN	Note: 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 4- to 8-digit GPS PIN. Re-enter the new 4- to 8-digit GPS PIN to confirm.

handsfree

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

feature	
speaker-phone	Activate the speakerphone while driving: Press and hold the speakerphone key  or press  under Options > Speaker .

feature	
auto answer	To automatically answer calls when connected to a car kit or headset press  >  > Phone Calls > Auto Ans. Select the amount of rings before answering.

memory card

feature	
change storage preferences	To choose whether media items are saved to your phone's memory or to the memory card press  >  > Memory Card > Store Media > On Phone or Prefer On Card. Note: If the memory card is not in the phone, even if you choose Prefer On Card, the media items are saved to your phone's memory.

feature	
manage memory	To view your used memory, free memory, memory capacity, and number of files in phone memory press  >  > Media Center >  > Memory Usage. To free memory on your phone, delete items from the media center, voice records, or Java applications. To free memory on the memory card, delete items from the card's folders.

pc applications

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

personalize

feature	
language	To set the language of your menu press  >  > Display/Info > Language.
backlight time length	To select how long the display screen and keypad are backlit press  >  > Display/Info > Backlight > Timer.

feature	
menu style	To display the main menu as tabs, graphic icons or a text-based list press  >  > Display/Info > Menu View.
clock display	To display the clock on the home screen press  >  > Display/Info > Clock > Display > On

TTY



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

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

security

feature	
phone lock	To lock the phone press  >  > 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	To enable SIM PIN, press  >  > Security > SIM PIN > On .
change SIM PIN	To change the SIM PIN, press  >  > Security > Change Passwords > SIM PIN .

Note: You can make emergency calls on a locked phone (see page 90). A locked phone still rings or vibrates for incoming calls or messages, but you need to unlock it to answer.



MOTOROLA

Important Safety and Legal Information

Safety and General Information

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

Exposure to Radio Frequency (RF) Energy

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

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

Portable Radio Product Operation and EME Exposure

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

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005 Edition.*
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) "Regulation of the limitation of exposure to

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

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

Operational Precautions

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

Phone Operation

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

Two-way radio operation

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

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

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



If you wear a radio product on your body when transmitting, always place the radio product in a Motorola approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola and are not using the radio product in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, or if you hang your device from a lanyard around your neck, keep the device at least 2.5 centimeters (1 inch) from your body when transmitting.

Approved Accessories

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

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Implantable Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

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

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

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

Hearing Aids

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

Other Medical Devices and Health Care Facilities

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

Driving Precautions

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

When using your radio product while driving, please:

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

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

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

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

Operational Warnings

Obey all posted signs when using phones in public areas.

Potentially Explosive Atmospheres

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

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

Batteries and Chargers

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

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

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

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

Choking Hazards

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

Glass Parts

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

Seizures/Blackouts

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

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

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

Caution About High Volume Usage



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

Repetitive Motion

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

Service & Repairs

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

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

Export Law Assurances

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

Specific Absorption Rate Data

ALL MODELS WITH FCC ID IHDT56HF1 MEET THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

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

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

general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the requirement adopted by the government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.31 W/kg and when tested on the body, as described in this user guide, is 1.51 W/kg during packet data transmission. (Measurements for phones worn on the body differ among models, depending upon available accessories and FCC requirements.)²

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

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

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

Limited Warranty Motorola Communications Products (International)

What Does this Warranty Cover?

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

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

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

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

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

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

MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

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

General Provisions:

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

INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

How to Get Warranty Service:

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

What This Warranty Does Not Cover:

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

- A Product subjected to unauthorized Product modifications, disassembles or repairs (including, without limitation, the audition to the Product of non-MOTOROLA supplied equipment).
- Product which has had the serial number removed or made illegible.
- Rechargeable batteries if:

Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.

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

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

Patent and Software Provisions:

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

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

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the

Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

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Hearing Aid Compatibility

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

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

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

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

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

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

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

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

- Any combined rating equal to four is considered usable.

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

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

Information From the World Health Organization

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

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

Source: WHO Fact Sheet 193

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

Product Registration

Online Product Registration:

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

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

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

Thank you for choosing a Motorola product.

Wireless: The New Recyclable

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

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

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

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

California Perchlorate Label

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

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

There is no special handling required by consumer.

Patent and Trademark Information

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T9® Text Input Patent and Trademark Information.

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

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Privacy and Data Security

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

- **Monitor access:** Keep your phone with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date:** If Motorola or a software/application vendor releases a patch or software fix for your phone which updates the device's security, install it as soon as possible.
- **Erase before recycling:** Delete personal information or data from your phone prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, please contact your local service provider.
- **Understanding AGPS:** In order to comply with emergency caller location requirements of the FCC, certain Motorola phones incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location, for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

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

Smart Practices While Driving

Drive Safe, Call SmartSM

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

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

- **Get to know your Motorola phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a hands-free device.** If possible, add an additional layer of convenience to your phone with one of the many Motorola Original hands-free accessories available today.
- **Position your phone within easy reach.** Be able to access your phone without removing your eyes from the



road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility, driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your phone to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.**

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

* Wherever wireless phone service is available.

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