INSTRUCTION MANUAL

An English version preliminary draft copy of the Users Manual follows:

EXHIBIT 8

MOTOROLA
intelligence everywhere™

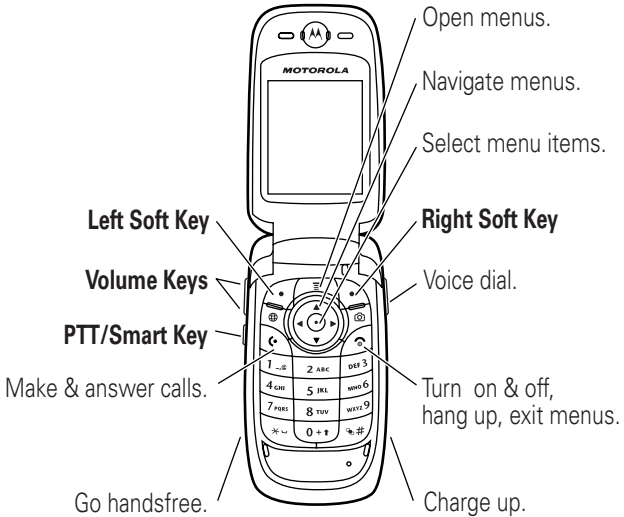# MOTOMANUAL

V360
GSM

HELLOMOTO

Introducing your new Motorola V360 GSM wireless phone. Here's a quick anatomy lesson.

Open menus.

Navigate menus.

Select menu items.

Left Soft Key

Right Soft Key

Volume Keys

Voice dial.

PTT/Smart Key

Make & answer calls.

Turn on & off, hang up, exit menus.

Go handsfree.

Charge up.

For Push to Talk (PTT) details, see page 54.

Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Software Copyright Notice

Manual Number: 68XXXXXX96-O

2

feature locator

main menu

  Phonebook

  Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times *
- Call Cost *
- Data Times *
- Data Volumes *

  Messages
- Create Message
- Email Msgs
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services *
- Quick Notes
- Outbox
- Drafts
- MMS Templates

  Tools
- SIM Tool Kit Apps *
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Dialing Services
  - Fixed Dial

  Games & Apps

  Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

  Multimedia
- Pictures
- Camera
- Sounds
- Video Camera
- Videos

  Bluetooth Link
- Handsfree
- Device History
- Setup

  Settings
- (see next page)

* optional features

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

settings menu

Personalize
- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver

Ring Styles
- Style
- style Detail

Connection
- Sync
- USB Settings

Call Forward *
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

In-Call Setup
- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup *
- Scroll
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Storage Devices
- Other Information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- My Network List *
- Service Tone *
- Network Jingle *
- Call Drop Tone

Security
- Phone Lock
- Lock PTT Key
- Lock Application
- Fixed Dial
- Restrict Calls *
- Call Barring *
- SIM PIN
- New Passwords
- Certificate Mgmt *

Java Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Backlight

PTT Settings
- PTT Service

* optional features

contents

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.[1]

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a 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.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following instructions.

External Antenna Care

If your phone has an external antenna, use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and/or may result in non-compliance with local regulatory requirements in your country.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

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

Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines.

If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 2.5 centimeters (1 inch) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 2.5 centimeters (1 inch) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Note: 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.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an airplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 centimeters (6 inches) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimeters (6 inches) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

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

When using your phone while driving, please:

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

Responsible driving best practices can be found in the "Wireless Phone Safety Tips" at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

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

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorized staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Damaged Products

If your phone or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become hot. Take care when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original™ batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

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

Safety Information   **11**

Symbol	Definition
⚠	Important safety information will follow.
🔥	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Your battery or phone should not be thrown in the trash.
⊖Li Ion BATT⊕	Your phone contains an internal lithium ion battery.

Choking Hazards

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

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person 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 doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms

occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.

- Take a minimum of a 15-minute break hourly.

- Play in a room in which all lights are on.

- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

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. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.

- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.

- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

1. The information provided in this document supersedes the general safety information in user's guides published prior to January 28, 2005.

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

IMEI: 350034/40/394721/9

$C\epsilon$ 0168

Type: MC2-41H14

Product Approval Number
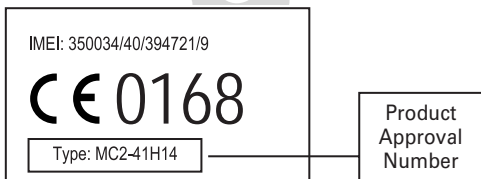
The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site.

Caring for the Environment by Recycling

When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

essentials

about this guide

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

Find it: Press $\boxdot$ > Recent Calls > Dialed Calls

This example shows that, from the home screen, you press $\boxdot$ to open the menu, highlight and select 爲 Recent Calls, then highlight and select Dialed Calls.

Press $\dot\Diamond$ to scroll to and highlight a menu feature. Press the SELECT key to select the highlighted menu feature.

symbols
$\overset{\mathbf{9}}{\textcircled{A}}$ This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.
$\overset{\mathbf{9}}{\textcircled{\text{日}}}$ This means a feature requires an optional accessory.

SIM card

Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

To insert and use a memory card, see page 25.

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.
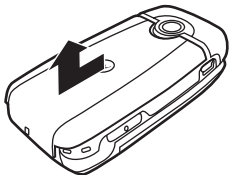
1   **2**
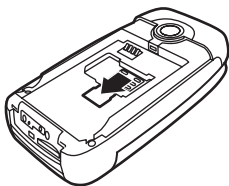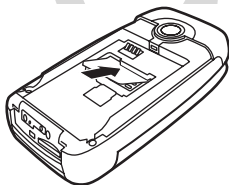
3   **4**
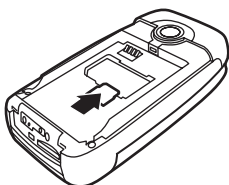
battery

battery installation
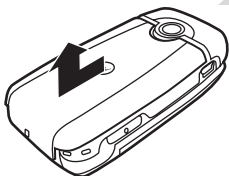
1   **2**
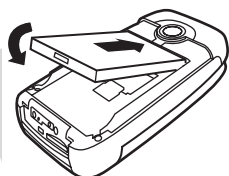
3
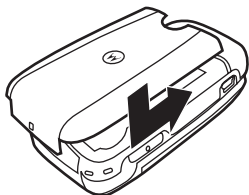
battery charging

New batteries are not fully charged. Plug the travel charger into your phone and an electrical outlet. Your phone displays **Charge Complete** when finished.
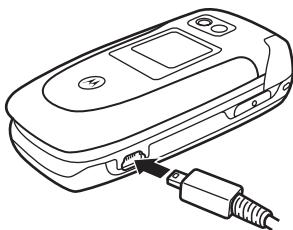
Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

If your battery is completely drained, a PC USB charger will not charge it. Use the travel charger.

battery tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

- New batteries or batteries stored for a long time may take more time to charge.

- When charging your battery, keep it near room temperature.

- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Contact your local recycling center for proper battery disposal.

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

Before using your phone, read the battery safety information in the "Safety and General Information" section included in this guide.

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 6-digit SIM card PIN code and/or 4-digit unlock code.

Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. Contact your service provider.

To turn off your phone, press and hold [⏻] for 2 seconds.

essentials **19**

make a call

Enter a phone number and press **[**(o**]** to make a call.

To "hang up," close the flip or press **[**⊙**]**.

answer a call

Note: Your phone cannot receive data over an EDGE network while it is playing videos or some sound files. The EDGE 昙 status indicator appears at the top of your display when you can receive data over an EDGE network.

When your phone rings and/or vibrates, just open the flip or press **[**(o**]** to answer.

To "hang up," close the flip or press **[**⊙**]**.

your phone number

From the home screen, press **[**≣**] [**#**]** to see your number.

Tip: Want to see your phone number while you're on a call? Press **[**≣**]** > My Tel. Numbers.

To store or edit your name and phone number on your SIM card, press the EDIT key while displaying it. If you don't know your phone number, contact your service provider.

main attractions

You can do much more with your phone than make and receive calls!

take & send a photo

Press 🔲 to see the camera viewfinder:

Press ·Ọ· up or down to zoom in or out.

Remaining photos you can capture.

IMAGE AREA

Photo Viewfinder 100 Remaining

Press ·Ọ· left or right to change brightness.

BACK

CAPTURE

Take a photo.

Press 🔳 to open **Pictures menu**.

Return to previous screen.
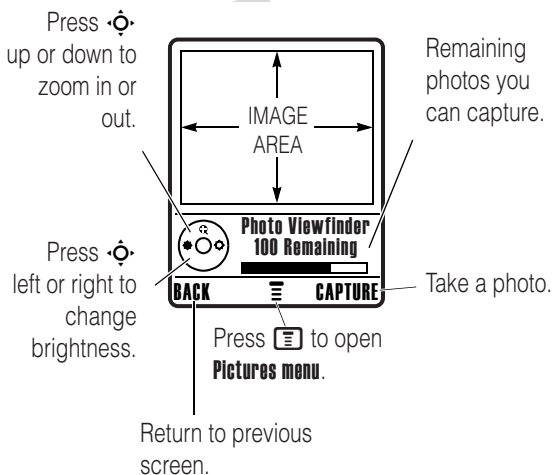
1 Point the camera lens at the photo subject.

You can press 🔳 to open the **Pictures Menu**. See the table after this procedure.

2 Press the **CAPTURE** key to take a photo.

- To delete the photo and return to the active viewfinder, press the **DISCARD** key.

- To store or send the photo, press the **STORE** key.

When the viewfinder is active, press $\boxed{\Xi}$ to open the **Pictures Menu**:

option	
Go To Pictures	View stored pictures and photos.
Switch Storage Device	Choose to store and view pictures on your phone or memory card.
	Note: High resolution photos can be stored only on your memory card.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Pictures Setup	Open the setup menu to adjust photo settings.
View Free Space	See how much memory remains.

record video

Press $\boxed{\Xi}$ > **Multimedia** > **Video Camera** to see the video viewfinder.

Press $\cdot\dot{\mathbf{Q}}\cdot$ up or down to zoom in or out.

VIDEO CLIP AREA

Remaining clips you can capture

Press $\cdot\dot{\mathbf{Q}}\cdot$ left or right to change brightness.

Video Clip Name
10 Remaining

BACK $\boxed{\Xi}$ CAPTURE

Start video capture.

Press $\boxed{\Xi}$ to open **Videos Menu**.

Return to previous screen.
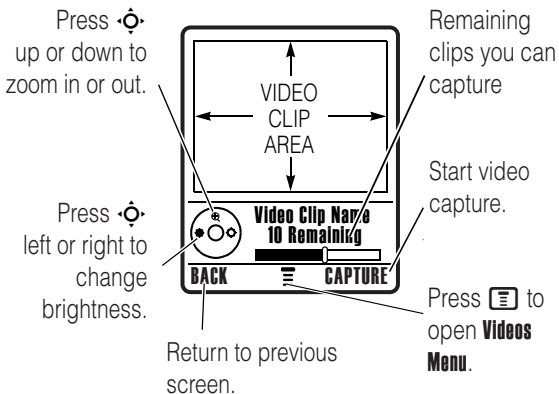
Note: You can zoom only before you start recording. The number of clips remaining is an estimate.

If you want to send your video in an MMS message, the video length must be set to MMS. To set length, press $\boxed{\Xi}$ > **Videos Setup** > **Video Length**.

Point the camera lens at the video subject, then:

1 Press the **CAPTURE** key to start the video.

You can press the **PAUSE** key to pause video capture.

2 Press the **STOP** key to stop the video.

3 Press $\boxed{\Xi}$ > **Store Only** to store the video.

or

Press the **SEND** key to send the video in a Multimedia Message.

or

Press the **DISCARD** key to delete the video and return to the active viewfinder.

cable connections

Your phone has a mini-USB port so you can connect it to a computer to transfer data. You can:

- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.

- Use your phone as a modem to connect to the Internet.

- Use your phone to send and receive data calls from your computer or handheld device.
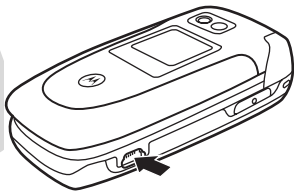
Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need.

To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information.

To make **data and fax calls** through a connected computer, see page 72.

memory card

You can use a removable memory card with your phone to store and retrieve multimedia objects (such as photos and sounds).

Note: If you download a copyrighted file and store it on your memory card, you can use the file only while your memory card is inserted in your phone. You cannot send, copy, or change copyrighted files.

install a memory card

1 Remove the battery door, if necessary.

2 Press the card in until it clicks into place.

3 Replace the battery door.

Do not remove your memory card while your phone is using it or writing files on it.
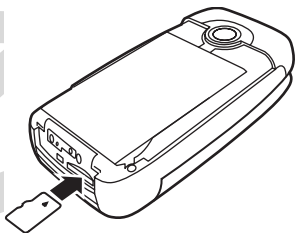
see and change memory card information

Find it: Press $\boxdot$ > Settings > Phone Status > Storage Devices

1 Press $\cdot \dot{\mathbf{Q}} \cdot$ to highlight the memory card.

main attractions 25

2 Press the **DETAILS** key to see the memory card information

or

Press $\boxed{\Xi}$ to see the **Storage Device** menu, which lets you **Format** or **Rename** the memory card.

To see memory card files, open a file list (such as **Pictures** or **Sounds**) and press $\boxed{\Xi}$ > **Switch Storage Device** > **TRANS**. To see files stored on your phone again, press $\boxed{\Xi}$ > **Switch Storage Device** > **Phone**.

connect the memory card to a computer

You can access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Press $\boxed{\Xi}$ > **Settings** > **Connection** > **USB Settings** > **Memory Card**.

This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:

On your computer:

1 Open your "My Computer" window, where your phone's memory card displays as a "Removable Disk" icon.

2 Click on the "Removable Disk" icon to access the files on your phone's memory card.

3 To store the desired files onto the memory card, drag and drop them as follows: **MP3 files:** > mobile > audio **screen savers:** > mobile > picture **wallpapers:** > mobile > picture **video clips:** > mobile > video

4 When you finish, remove the device by selecting the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen. Then select "USB Mass Storage Devices" and "Stop".

5 Select "USB Mass Storage Device" then "OK".

On your phone:

To return to **Data Fax** as your USB default connection, press
M > **Settings** > **Connection** > **USB Settings** > **Data/Fax Connection**.

Bluetooth® wireless

Your phone supports Bluetooth wireless *pairing* (also called *linking* or *bonding*). You can pair your phone with a Bluetooth headset or car kit, or pair your phone with a computer to exchange and synchronize files.

Note: 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.

turn Bluetooth power on or off

Find it: Press M > **Bluetooth Link** > **Setup** > **Power** > **On**

If Bluetooth **Power** is **On**, your phone can automatically pair with the handsfree device you have used before. Just turn on the device or move it near the phone.

Note: To extend battery life, use the above procedure and set Bluetooth **Power** to **Off** when not in use. Your phone will not pair with devices until you set Bluetooth **Power** back to **On** and pair your phone with the devices again.

pair with a headset or handsfree device

Before you try to pair your phone with a device, make sure your phone's Bluetooth power is **on** and the device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device). You can pair your phone with only one device at a time.

Find it: Press M > Bluetooth Link > Handsfree > [Look For Devices]

Your phone lists the devices it finds within range.

1 Highlight a device in the list and press the **SELECT** key.

2 Press the **Yes** or **OK** key to pair with the device.

3 If necessary, enter the device passkey (such as 0000) and press the **OK** key.

When your phone is paired, the Bluetooth indicator ❸ displays in the home screen.

Tip: We can't see the device you're holding. For specific information about a device, refer to the instructions that came with it.

copy objects to another device

You can use Bluetooth pairing to copy a media object, phonebook entry, datebook event, or bookmark from your phone to a computer or other device.

1 Highlight the object on your phone that you want to copy to the other device.

2 Press 🗐 and select **Copy** (for media objects), **Send** (for datebook events), or **Share Phonebook Entry** (for phonebook entries).

3 Select a recognized device name, or **[Look For Devices]** to search for the device where you want to copy the object.

advanced Bluetooth features

feature	
make phone visible to other device	Allow a Bluetooth device to discover your phone: 🗐 > **Bluetooth Link** > **Setup** > **Find Me**
pair with recognized device	Pair your phone with a recognized handsfree device: 🗐 > **Bluetooth Link** > **Handsfree** > *device name*
drop pairing with device	Highlight the device name and press the **DROP** key.
switch to device during call	Switch to a headset or car kit during a call: 🗐 > **Use Bluetooth**

feature		
move multimedia object to device	Move a multimedia object to another device:	🔋
	Highlight the object, press $\boxed{\equiv}$ > Move, select the device name.	
	Caution: Moving an object **deletes** the original object from your phone.	
edit device properties	Edit the properties of a recognized device:	🔋
	Highlight the device name, press the EDIT key.	
set Bluetooth options	Highlight the device name, press $\boxed{\equiv}$ > Bluetooth Link > Setup	🔋

basics

See page 1 for a basic phone diagram.

display

The *home screen* displays 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 from the one below, depending on your service provider.

Clock

Left Soft Key Label

Menu Indicator

Press ·Ọ· right to see more news, if available.

Right Soft Key Label
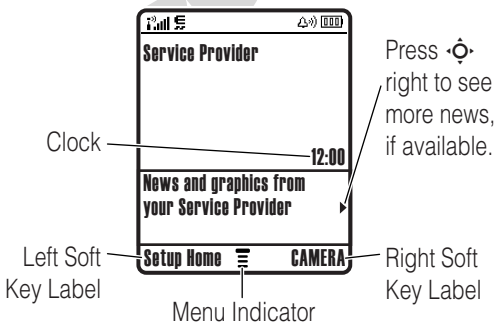
The *Menu Indicator* ☰ shows that you can press [≡] to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Your home screen might display news from your service provider at the bottom. To change this news display, press [≡] > Settings > Personalize > Home Screen.

Status indicators can display at the top of the home screen:

1. Signal Strength

2. EDGE / GPRS

3. PTT / Data

4. Roam

5. Active Line

8. Battery Level

7. Ring Style

6. Message

Service Provider

12:00

News and graphics from your Service Provider ▸

Setup Home ☰ CAMERA
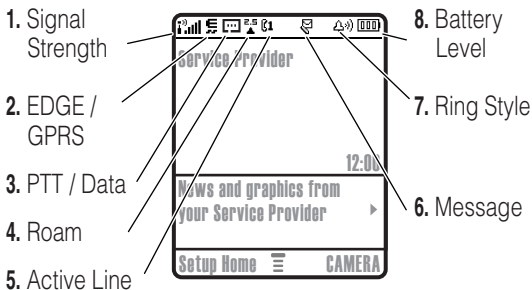
1 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when $\hat{i}^{\vartriangleright}$ or $\hat{i}^{\vartriangleright}X$ displays.

2 EDGE/GPRS Indicator – Shows when your phone is using a high-speed *Enhanced Data for GSM Evolution* (EDGE) or *General Packet Radio Service* (GPRS) network connection. Indicators can include:

$\boxed{\text{E}}$ = GPRS PDP context active $\mathbf{E}$ = EDGE

$\mathbf{\mathit{\delta}^{\mathit{\nabla}}}$ = GPRS packet data available

3 PTT / Data Indicator – Shows when you can make and receive PTT calls ($\boxed{\cdots}$) or both PTT calls and Instant Messages ($\boxed{\text{⊡}}$). Other indicators can include:

32 basics

θ_a = secure packet data transfer

$\vec{\text{д}}$ = unsecure packet data transfer

$\blacksquare$ = secure application connection

$\blacksquare$ = unsecure application connection

$\leftrightarrows$ = secure *Circuit Switch Data* (CSD) call

$\leftrightarrows$ = unsecure CSD call

$\circledast$ = Bluetooth® connection is active

4 Roam Indicator – Shows when your phone is seeking or using a network outside your home network. Indicators can include:

$\overset{e}{\text{G}}$ = 2G home

$\overset{e}{\blacktriangle}$ = 2G roam

$\overset{e.5}{\text{G}}$ = 2.5G home

$\overset{e.5}{\blacktriangle}$ = 2.5G roam

5 Active Line Indicator – Shows $\mathbb{B}^{\text{»}}$ to indicate an active call, or $\mathbb{B}^{\text{ч}}$ to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:

$\mathbb{B}$1 = line 1 active

$\mathbb{B}$1$^{\text{ч}}$ = line 1 active, call forward on

$\mathbb{B}$2 = line 2 active

$\mathbb{B}$2$^{\text{ч}}$ = line 2 active, call forward on

6 Message Indicator – Shows when you receive a new message. Indicators can include:

$\mathbb{\nabla}$ = text message

$\boxtimes$» = voice message

basics   **33**

7 Ring Style Indicator – Shows the ring style setting.

   $\triangle^{(i)}$ = loud ring $\} \triangle$ = vibrate then ring

   $\triangle^{(i)}$ = soft ring $\triangle^z$ = silent

   $\} \ddot{\mathbb{H}} \{$ = vibrate

8 Battery Level Indicator – Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

menus

From the home screen, press $\boxed{\equiv}$ to enter the main menu.

Name of
Highlighted
Menu Feature
Icon

Exit the main
menu.

Scroll up, down,
left, or right.
Press center to
select
highlighted
menu feature.

Select
highlighted menu
feature.

Exit menu without
making changes.
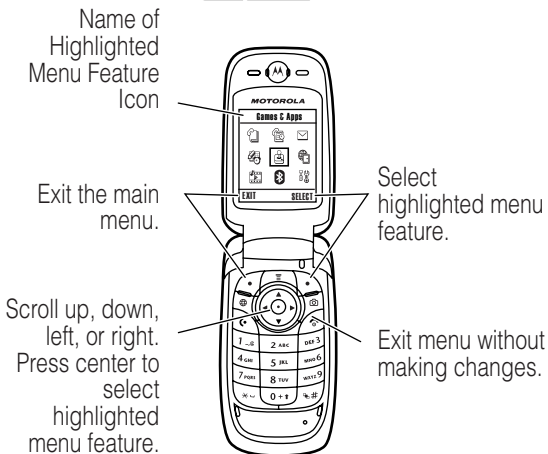
The following menu icons may be available, depending on your service provider and service subscription options.

menu features		
🕐 Phonebook		🔅 Multimedia
✉ Messages		🔵 Bluetooth Link
🕮 Recent Calls		🎚 Settings
📇 Tools		📷 Camera
♟ Games & Apps		🗓 Datebook
🌐 Web Access		

Some features require you to select an option from a list:

Highlighted Option →

Press ·Ô· to scroll down to other options.

```
📶                        △ ▥
       Dialed Calls
10) John Smith
9) Lisa Owens
8) Adda Thomas
7) Jack Bradshaw
6) Mary Smith
5) Carlos Emrys
4) Dave Thompson
3) Lisa Owens
BACK         ≡         VIEW
```

Press BACK key to go back to previous screen.

Press VIEW key to view details of highlighted option.

Press ≡ to open sub-menu
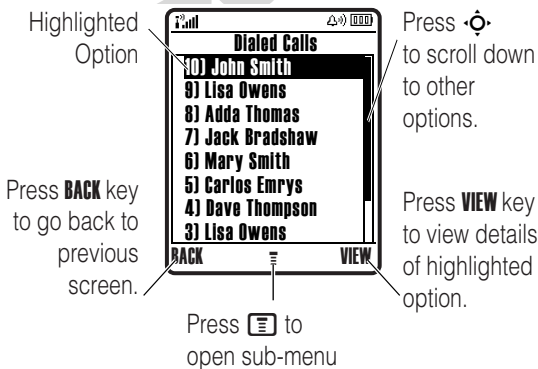
• Scroll up or down to highlight the option you want.

• In a numbered list, press a number key to highlight an option.
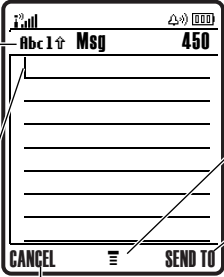
- In an alphabetized list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.

- When an option has a list of possible settings, scroll left or right to select the setting.

- When an option has a list of possible numeric values, press a number key to set the value.

text entry

Some features let you enter text.

For indicator descriptions, see following section.

Press 冝 to open sub-menu.

Flashing cursor indicates insertion point.

After you enter text, press the **SEND TO** key to enter recipients.

Press the **CANCEL** key to exit without making changes.

Abc1⇧ Msg		450
CANCEL	冝	SEND TO

Press P in a text entry screen to select an entry mode:

entry mode	
⌨ or 1	Your **Primary** text entry mode can be set to any iTAP® ⌨ or tap 1 mode.
⌨ or 2	Your **Secondary** text entry mode can be set to any iTAP ⌨ or tap 2 mode, or set to **None** if you don't want a secondary entry mode.
123	**Numeric** mode enters numbers only.
@	**Symbol** mode enters symbols only.

To set your primary and secondary text entry modes, press
E > Entry Setup in a text entry screen and select Primary Setup or
Secondary Setup.

Tip: WANT TO SHOUT YOUR MESSAGE? Press 0 in a text
entry screen to change text case to no capital letters (abc),
next letter capital (Abc with ⌨⇧, ⌨⇧, 1⇧, or 2⇧), or all capitals
(ABC with ⌨⇪, ⌨⇪, 1⬆, or 2⬆).

iTAP® mode

Press P in a text entry screen to switch to iTAP mode. If
you don't see ⌨ or ⌨, press E > Entry Setup to set iTAP mode
as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per
letter. The iTAP software combines your keypresses into
common words, and predicts each word as you enter it.

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For example, if you press ⁷ ⁷ ⁶ ⁴, your phone
displays:

Press ·Ô·
up to accept
Program.

Press ·Ô· right
to highlight
another
combination.
Press ⁎ to
enter **Prog**
and a space.

Press **DELETE**
key to delete
last letter.

Press **SELECT** key to lock
highlighted combination.
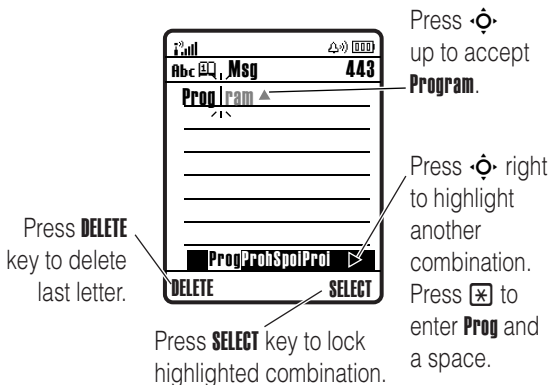
- If you want a different word (such as **Progress**), continue
  pressing keypad keys to enter the remaining letters.

- To enter numbers quickly, press and hold a number key
  to temporarily switch to numeric mode. Press the
  number keys to enter the numbers you want. Enter a
  space to change back to iTAP mode.

- Press ① to enter punctuation or other characters.

tap mode

Press ⌗ in a text entry screen to switch to tap mode. If you
don't see **Abc1** or **Abc2**, press ▤ > **Entry Setup** to set tap mode
as your primary or secondary text entry mode.

To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press $\boxed{8}$ one time, your phone displays:

Character displays at insertion point.

After 2 seconds, character is accepted and cursor moves to next position.

Press the **DELETE** key to delete character to left of insertion point.

After you enter text, press the **SEND TO** key to enter recipients.

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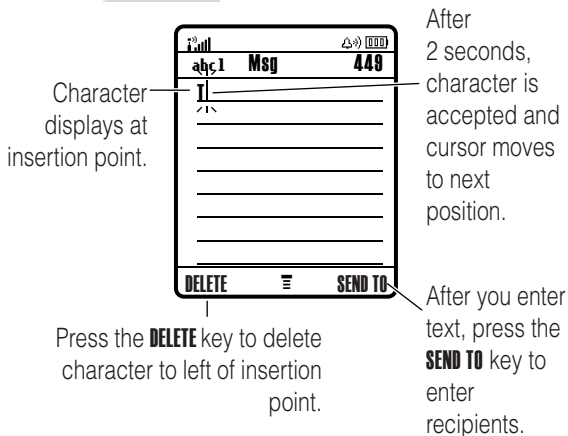
When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** your phone might display:

Character displays at insertion point.

```
rⁱₐₙₗₗ                    ⚠⟩ ▯▯▯
abc1 ⟋₁ Msg             443
Prog ram
_____
_____
_____
_____
_____
DELETE         ≡    SEND TO
```
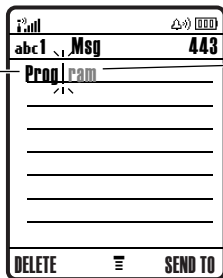
Press ·Ô· right to accept **Program**, or press ✱ to reject it and enter a space after **Prog**.

- The first character of every sentence is capitalized. If necessary, press ·Ô· down to change the character to lowercase before the cursor moves to the next position.

- Press ·Ô· to move the flashing cursor to enter or edit message text.

- If you don't want to save your text or text edits, press ☏ to exit without saving.

- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

Press ⌗ in a text entry screen until you see **123**. Press the number keys to enter the numbers you want.

symbol mode

Press # in a text entry screen until you see @. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **SELECT** key.

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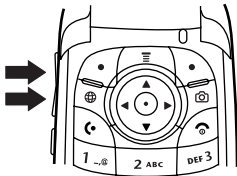
    Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

navigation key

Press the *navigation key* ·Ô· up, down, left, or right to scroll and highlight items in the display. When you highlight something, press the *center key* ·●· to select it. The center key usually does the same thing as the right soft key.

external display

When your phone is closed, the external display shows the time, date, status indicators, and notifications for incoming

calls and other events. For a list of phone status indicators, see page 32.

To set the phone ring style in the external display:

1 Press a volume key to display Ring Styles.

2 Press the smart key repeatedly, until the style you want appears.

3 Press a volume key to return to the home screen.

handsfree speaker

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

During a call, press the SPEAKER key to turn the handsfree speaker on. Your phone displays Spkrphone On until you turn it off or end the call.

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

codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. The 6-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: Press $\boxdot$ > Settings > Security > New Passwords

You can also change your **SIM PIN** or call barring passwords.

If you forget your unlock code: At the Enter Unlock Code prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press 🗐 and enter your 6-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To **manually lock** your phone: Press 🗐 > Settings > Security > Phone Lock > Lock Now.

To **automatically lock** your phone whenever you turn it off: Press 🗐 > Settings > Security > Phone Lock > Automatic Lock > On.

Note: You can make emergency calls on a locked phone (see page 52). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

| $\triangle$) Loud | 粼 Vibrate | $\triangle^z$ Silent |
| $\triangle^\gg$ Soft | $\triangle$ Vibe then Ring | |

The ring style profile's indicator displays at the top of your home screen. To choose your profile:

Find it: Press $\boxed{\Xi}$ > Settings > Ring Styles > Style: *style name*

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: Press $\boxed{\Xi}$ > Settings > Ring Styles > *Style* Detail

Note: *Style* represents the current ring style. You can't set an alert for the Silent ring style setting.

1 Highlight Calls (or Line 1 or Line 2 for dual-line phones), then press the **CHANGE** key to change it.

2 Highlight the alert you want, then press the **SELECT** key.

3 Press the **BACK** key to save the alert setting.

time & date

You need to set your phone's time and date to use the datebook.

To **synchronize** the time and date with the network: Press
🔲 > Settings > Initial Setup > Time and Date > Autoupdate > On.

To **manually** set the time and date, turn off Autoupdate, then:
Press 🔲 > Settings > Initial Setup > Time and Date > *time* or *date*.

To choose an **analog or digital** clock for your home screen,
press 🔲 > Settings > Personalize > Home Screen > Clock.

Note: If your home screen displays news information from
your service provider, you must turn off the news display to
see an analog clock. Press 🔲 > Settings > Personalize > Home Screen
> Home Style > Without News. To choose an analog clock, press
🔲 > Settings > Personalize > Home Screen > Setup without News > Clock
> Analog.

wallpaper

Set a photo, picture, or animation as a wallpaper (background)
image in your home screen.

Find it: Press 🔲 > Settings > Personalize > Wallpaper

option	
Picture	Select an image for your wallpaper, or **None** for no wallpaper.
Layout	Select **Center** to center the image in the display, **Tile** to repeat the image across the display, or **Fit-to-screen** to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver displays when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it: Press `[≡]` > Settings > Personalize > Screen Saver

option	
Picture	Select an image for your screen saver, or None for no screen saver.
Delay	Select the length of inactivity before the screen saver displays.

display appearance

To choose a phone **skin** that sets the look and feel of your phone's display: Press `[≡]` > Settings > Personalize > Skin.

To set your display **brightness**: Press `[≡]` > Settings > Initial Setup > Brightness.

To save battery life, your **backlight** turns off when you're not using your phone. The backlight turns back on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

Press `[≡]` > Settings > Initial Setup > Backlight.

Note: To turn the backlight on or off for Java™ applications, press `[≡]` > Settings > Java Settings > App Backlight.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Press $\boxed{\Xi}$ > Settings > Initial Setup > Display Timeout.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it: Press $\boxed{\Xi}$ > Settings > In-Call Setup > Answer Options

option	
Multi-Key	Answer by pressing any key.
Open to Answer	Answer by opening the flip.

calls

To make and answer calls, see page 20.

turn off a call alert

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

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press ⓒ from the home screen to see the dialed calls list.

Find it: Press ▤ > Recent Calls

1 Highlight **Received Calls** or **Dialed Calls**, then press the **SELECT** key.

2 Highlight a call. A ✓ next to a call means the call connected.

   • To call the number, press ⓒ.

   • To see call details (like time and date), press the **VIEW** key.

   • To see the **Last Calls Menu**, press ▤. This menu can include:

option	
Store	Create a phonebook entry with the number in the **No.** field. Store does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones.

This option displays only during a call. |
| Talk then Fax | Talk and then send a fax in the same call (see page 72). |

redial

1 Press 0 from the home screen to see the dialed calls list.

2 Highlight the entry you want to call, then press 0.

If you hear a **busy signal** and you see Call Failed, Number Busy, press 0 or the RETRY key to redial the number. When the call goes through, your phone rings or

calls   49

vibrates one time, displays **Redial Successful**, and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and displays **X Missed Calls**, where **X** is the number of missed calls.

1 Press the **VIEW** key to see the received calls list.

2 Highlight the call you want to return, then press Ⓒ.

notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called, or a number that you "jot down" during a call for later use. To see the number stored in the notepad:

Find it: Press ⓔ > **Recent Calls** > **Notepad**

- To call the number, press Ⓒ.

- To create a phonebook entry with the number in the **No.** field, press the **STORE** key.

- To open the **Dialing Menu** to attach a number or insert a special character, press ⓔ.

hold or mute a call

Press ⓔ > **Hold** to put all active calls on hold.

Press **MUTE** key (if available) or ⓔ > **Mute** to put all active calls on mute.

call waiting

When you're on a call, you'll hear an alert if you receive a second call.

Press N to answer the new call.

- To switch between calls, press the SWITCH key.

- To connect the two calls, press the LINK key.

- To end the call on hold, press M > End Call On Hold.

To turn the call waiting feature on or off:

Find it: Press M > Settings > In-Call Setup > Call Waiting

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.

Your phone shows the caller's name and picture when they're stored in your phonebook, or Incoming Call when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 62).

To show or hide **your phone number** from the next person you call, enter the phone number and press M > Hide ID/Show ID.

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked 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.

1 Press the keypad keys to dial the emergency number.

2 Press [₵] to call the emergency number.

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.

1-touch dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook, or your Fixed Dial list:

Find it: Press $\boxed{\Xi}$ > Settings > Initial Setup > 1 Touch Dial
> Phone, SIM, or Fixed Dial

To add a new phonebook entry, see page 61. To edit the
Speed No. for a phonebook entry, press $\boxed{\Xi}$ > Phonebook, highlight
the entry, and press $\boxed{\Xi}$ > Edit.

voicemail

Your network stores the voicemail messages you
receive. To listen to your messages, call your voicemail
number.

Note: Your service provider may include additional
information about using this feature.

When you **receive** a voicemail message, your phone displays
the voicemail message indicator $\boxtimes$ and New Voicemail. Press
the CALL key to listen to the message.

To **check** voicemail messages:

Find it: Press $\boxed{\Xi}$ > Messages > Voicemail

Your phone may prompt you to store your voicemail phone
number. If you don't know your voicemail number, contact
your service provider.

Note: You can't store a **p** (pause), **w** (wait), or **n** (number)
character in this number. If you want to store a voicemail
number with these characters, create a phonebook entry for
it. Then, you can use the entry to call your voicemail.

push to talk (PTT) calls

Push to Talk (PTT) lets you talk walkie-talkie style with other PTT subscribers. You can talk to one person or a group.

PTT and the other related features indicated are network and subscription dependent features, and are not available in all areas. PTT connectivity requires PTT-compatible phones.

Note: To lock your PTT key or turn PTT on or off, see page 57.

make a PTT call

When 🔲 displays at the top of your home screen, you can make and receive PTT calls. To make a PTT call:

1 Enter a PTT subscriber's phone number in your home screen, or select a contact or group from a list:

- **PTT Contacts** (press the PTT key to open the list)

  Note: If you change your **Open To** setting, your PTT key does not open the contacts list (see page 57).

- **PTT Quick Group** (press the PTT key and 🔲 > **PTT Quick Group**) This lets you select more than one contact for the call.

- **PTT Groups** (press the PTT key and 🔲 > **PTT Groups**)

2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.

To speak during a PTT call, hold your PTT key and speak after the tone. Only one person can speak at a time.

To end the call, press [⚏]. If nobody speaks for 20 seconds, the call ends.

To send a PTT alert instead of a standard PTT call, highlight a PTT contact in **PTT Contacts** and press the **ALERT** key. The contact's phone rings or vibrates, and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

When you receive a PTT call, you hear a tone or alert followed by conversation from the caller.

- **To speak** when the caller stops speaking, hold your PTT key and speak after the tone. Only one person can speak at a time.

- **To end the call**, press [⚏].

If you change your **My Answer Mode** setting, your phone does not automatically answer as described (see page 57).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press the **IGNORE** key to cancel the call.

Your phone displays **Missed Call** if you miss a PTT alert. It does not display **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 57).

PTT contacts and groups

You can store PTT **Contacts** to make one-to-one calls, or you can store PTT **Groups** to make group calls.

To store a contact, press **PTT key** 🔲 > **Add**. Enter the contact's **Name** and phone number (**No.**), then press the **DONE** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact displayed.

To create a group of contacts that you can call at the same time, press **PTT key** 🔲 > **PTT Groups** 🔲 > **Create New Group**. Enter the group's **Name** and select the **Members**, then press the **DONE** key. Your network stores the group and your phone returns to the **PTT Groups** list with the new group displayed.

To view PTT contacts, press the PTT key. Scroll to a contact and press 🔲 to **View**, **Edit**, or **Delete** it.

Highlighted Contact → **PTT Contacts** list

Press ⦿ to scroll down to other options.

View PTT Menu options.

Send a PTT alert to the highlighted contact.

Press 🔲 to open sub-menu
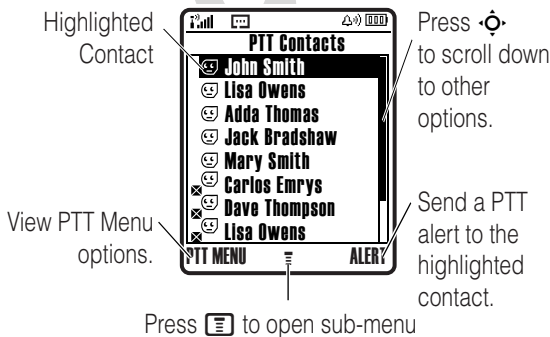
To view PTT groups, press the PTT key and 🔲 > **PTT Groups**. Scroll to a group and press 🔲 to **View** or **Delete** it. You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (☺, ☻) or offline (☺, ☻). They also tell you if a contact is blocked ☺ (highlight the contact and press ⊡ > **Block** or **Unblock**).

To set an **online alert** ♨ to tell you when a contact comes online, highlight the contact and press ⊡ > **Enable Online Alert**. You can turn online alert tones on or off in your **PTT Setup** menu (see page 57).

To refresh the contact or group list from your network, press ⊡ > **Refresh List**.

To view only your frequently used contacts or groups, press ⊡ > **Frequently Used**.

PTT settings

To **turn PTT on or off** from your home screen, press ⊡ > **Settings** > **PTT Settings** > **PTT Service** > **On/Off**.

To prevent accidental PTT calls, you can set your phone to **lock the PTT key** automatically when you haven't pressed it for a few minutes and your phone is closed. Press ⊡ > **Settings** > **Security** > **Lock PTT Key** and select how long your phone should wait before it locks the key. To unlock the key, hold it for 2 seconds or open the phone. The PTT key unlocks when you receive a PTT call.

You can change your PTT menu and call preferences.

Find it: Press **PTT key** ⊡ > **PTT Setup** > **PTT Personalize**

option	
Open To	From the home screen, the PTT key can open the PTT menu (**Main Menu**), or your contacts list sorted by name (**Top of List**), or most recent call (**Last Call**).
Sort by	Sort your contacts and groups by **Name**, online **Status**, or call **Frequency**.
My Answer Mode	Set the mode for incoming PTT calls to **Manual** (press the PTT key to answer), **Auto-Accept** (standard mode that accepts all calls), or **Do Not Disturb** (accepts no calls).
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.
PTT Speaker	Turn the speakerphone **On** or **Off** for PTT calls.
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (highlight the entry in your **PTT Contacts** or **PTT Groups** and press ☰ > **Enable Online Alert**). This setting tells your phone whether to play these alert tones (**On**) or not (**Off**).

other features

advanced calling

feature		
conference call	During a call: Dial next number, press [📞], press the **LINK** key.	🄰
transfer a call	During a call: [目] > **Transfer**, dial transfer number, press [📞]	🄰
attach a phone number	Dial an area code or prefix for a phonebook number, then: [目] > **Attach Number**	🄰
speed dial	Speed dial a phonebook entry: Enter speed dial number, press [#], press [📞]. To add a phonebook entry, see page 61. **Tip:** If you forget Aunt Mildred's speed dial number, press [目] > **Phonebook**, highlight her entry, and press the **VIEW** key.	🄰
call forwarding	Set up or cancel call forwarding: [目] > **Settings** > **Call Forward**	🄰

feature		
restrict calls	Restrict outgoing or incoming calls:	$\boxed{A^{"}}$
	$\boxed{\Xi}$ > Settings > Security > Restrict Calls	
call barring	Restrict outgoing or incoming calls:	$\boxed{A^{"}}$
	$\boxed{\Xi}$ > Settings > Security > Call Barring	
TTY calls	Set up your phone for use with an optional TTY device:	$\boxed{A^{"}}$
	$\boxed{\Xi}$ > Settings > Initial Setup > TTY Setup	
change phone line	If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.	$\boxed{A^{"}}$
	$\boxed{\Xi}$ > Settings > Phone Status > Active Line	
	The active line indicator shows the active phone line (see page 33).	
fixed dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.	$\boxed{A^{"}}$
	Turn fixed dialing on or off:	
	$\boxed{\Xi}$ > Settings > Security > Fixed Dial	
	Use the fixed dial list:	
	$\boxed{\Xi}$ > Tools > Dialing Services > Fixed Dial	

feature	
DTMF tones	Activate DTMF tones:
	M > Settings > Initial Setup > DTMF
	To send DTMF tones during a call, just press number keys or highlight a number in the phonebook or recent calls lists and press M > Send Tones.

phonebook

feature	
add new entry	M > Phonebook M > New > Phone Number or Email Address
	Shortcut: Enter a phone number in the home screen, then press the STORE key to create an entry for that number.
	Tip: One phone isn't enough for some people. When creating a phonebook entry, select MORE to store another number for the same Name.
dial number	Call a number stored in the phonebook:
	M > Phonebook, highlight the phonebook entry, press N
	Shortcut: In the phonebook, press a keypad key one or more times to jump to entries that begin with the key's letters.

feature	
record a voice name	When creating a phonebook entry, highlight Voice Name and press the RECORD key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. **Note:** The Voice Name option isn't available in entries stored on the SIM card.
voice dial number	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds).
set ringer ID for entry	Assign a ring alert (ringer ID) to an entry: M > Phonebook > *entry* M > Edit > Ringer ID > *ringer name* **Note:** The Ringer ID option isn't available in entries stored on the SIM card. Activate ringer IDs: M > Settings > Ring Styles > *style* Detail > Ringer IDs

feature	
set picture ID for entry	Assign a photo or picture to display when you receive a call from an entry: $\boxed{\Xi}$ > Phonebook > *entry* $\boxed{\Xi}$ > Edit > Picture > *picture name* **Note:** The Picture option isn't available in entries stored on the SIM card.
set picture ID view	Display entries as a text list, or with picture caller ID photos: $\boxed{\Xi}$ > Phonebook $\boxed{\Xi}$ > Setup > View by > *view name*
set category for entry	$\boxed{\Xi}$ > Phonebook > *entry* $\boxed{\Xi}$ > Edit > Category > *category name* **Note:** The Category option isn't available in entries stored on the SIM card.
set category view	$\boxed{\Xi}$ > Phonebook $\boxed{\Xi}$ > Categories > *category view* You can display All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you create.

feature	
set primary number or address	Set the primary number for an entry with multiple numbers: $\boxed{\Xi}$ > **Phonebook**, highlight the entry, press $\boxed{\Xi}$ > **Set Primary** > *number* or *address* **Tip:** In **Primary** number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press $\cdot\dot{\bigcirc}\cdot$ left or right to see the other numbers.
create group mailing list	$\boxed{\Xi}$ > **Phonebook** $\boxed{\Xi}$ > **New** > **Mailing List**
sort phonebook list	Set the order in which entries are listed: $\boxed{\Xi}$ > **Phonebook** $\boxed{\Xi}$ > **Setup** > **Sort by** > *sort order* You can sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**. When sorting by name, you can display **All** numbers or just the **Primary** number for each name.
copy phonebook entry	Copy an entry from the phone to the SIM card, or from the SIM card to the phone: $\boxed{\Xi}$ > **Phonebook**, highlight the entry, press $\boxed{\Xi}$ > **Copy** > **Entries** > **To**

feature	
send phonebook entry in a text message	Send a phonebook entry in a text or email message: M > **Phonebook**, highlight the entry, press M > **Send Contact**
send phonebook entry over Bluetooth® connection	Send a phonebook entry to another phone, computer, or device: M > **Phonebook**, highlight the entry, press M > **Share Phonebook Entry**

messages

feature		
send text message	M > **Messages** > **Create Message** > **New Text Message**	🔤
send multimedia message	M > **Messages** > **Create Message** > **New Multimedia Msg**	🔤
send email	M > **Messages** > **Create Message** > **New Email**	🔤

other features   **65**

feature		
send voice message	▣ > Messages > Create Message > New Voice Msg	🐥
	To record the voice message, press the RECORD key, speak, then press the STOP key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.	
use a multimedia template	Open a multimedia template with preloaded media:	🐥
	▣ > Messages > Create Message > MMS Template	
read new message	When your phone displays New Message, press the READ key to read the message you received.	🐥
read old messages	▣ > Messages > Message Inbox	🐥
	Icons next to each message indicate if it is locked 🔒, has an attachment 📎, or is urgent !. Press ▣ to perform various operations on a message.	
read old email	▣ > Messages > Email Msgs	🐥
	Press ▣ to perform various operations on a message.	

feature		
store message objects	Go to a multimedia message page, or highlight an object in a letter, then: $\boxed{\text{≣}}$ > Store	$\overset{+}{A}$
store text messages on your SIM card	To store incoming text messages on your SIM card, press: $\boxed{\text{≣}}$ > Messages $\boxed{\text{≣}}$ > Text Msg Setup > Store To > SIM	$\overset{+}{A}$
browser messages	Read messages received by your micro-browser: $\boxed{\text{≣}}$ > Messages > Browser Msgs	$\overset{+}{A}$
info services	Read subscription-based information services messages: $\boxed{\text{≣}}$ > Messages > Info Services	$\overset{+}{A}$
set up more email accounts	You can set up, edit, and use more than one email account on your phone. Each account stores protocol, host, port, and other information. $\boxed{\text{≣}}$ > Messages $\boxed{\text{≣}}$ > Email Msg Setup > Account Settings To edit it an account, select it. To set up a new account, select Create New. **Note:** Your phone displays a folder for each email account under $\boxed{\text{≣}}$ > Messages > Email Msgs.	$\overset{+}{A}$

personalizing

feature	
language	Set menu language: $\boxed{\equiv}$ > Settings > Initial Setup > Language
scroll	Set the highlight bar to stop or wrap around in menu lists: $\boxed{\equiv}$ > Settings > Initial Setup > Scroll
activate ringer IDs	Activate ringer IDs assigned to phonebook entries and categories: $\boxed{\equiv}$ > Settings > Ring Styles > *style* Detail > Ringer IDs
ring volume	$\boxed{\equiv}$ > Settings > Ring Styles > *style* Detail > Ring Volume
keypad volume	$\boxed{\equiv}$ > Settings > Ring Styles > *style* Detail > Key Volume
reminders	Set reminder alerts for messages that you receive: $\boxed{\equiv}$ > Settings > Ring Styles > *style* Detail > Reminders
news display	If your service provider broadcasts news information that always appears in your home screen, you can turn the news display on or off: $\boxed{\equiv}$ > Settings > Personalize > Home Screen > Home Style > Without News or With News

feature	
menu view	Display the main menu as graphic icons or as a text-based list: $\boxed{\Xi}$ > Settings > Personalize > Main Menu > View
main menu	Reorder your phone's main menu: $\boxed{\Xi}$ > Settings > Personalize > Main Menu > Reorder
show/hide menu icons	Show or hide menu feature icons in the home screen: $\boxed{\Xi}$ > Settings > Personalize > Home Screen > Home Keys > Icons **Note:** In the Home Screen menu, select $\textcircled{\tiny A}$ Setup with News or Setup without News if your service provider has a news display.
change home keys	Change the features for the soft keys and navigation key in the home screen: $\boxed{\Xi}$ > Settings > Personalize > Home Screen > Home Keys **Note:** In the Home Screen menu, select $\textcircled{\tiny A}$ Setup with News or Setup without News if your service provider has a news display.
shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold $\boxed{\Xi}$. Use a shortcut: Press $\boxed{\Xi}$, then press the shortcut number.

feature	
master reset	Reset all options **except** unlock code, security code, and lifetime timer: $\boxed{\equiv}$ > Settings > Initial Setup > Master Reset
master clear	Clear all settings and entries you made **except** SIM card information, downloaded pictures and sound files, and reset all options **except** unlock code, security code, and lifetime timer: $\boxed{\equiv}$ > Settings > Initial Setup > Master Clear **Caution:** Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

call times & costs

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing $\boxed{\odot}$. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, contact your service provider.

feature		
call times	Display call timers:	🅐
	⊡ > Recent Calls > Call Times	
in-call timer	Display time or cost information during a call:	🅐
	⊡ > Settings > In-Call Setup > In-Call Timer	
call cost	Display call cost trackers:	🅐
	⊡ > Recent Calls > Call Cost	

handsfree

Note: 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		
speakerphone	Activate a connected external speakerphone during a call:	🔟
	Press the SPEAKER key (if available, or ⊡ > Spkrphone On).	
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:	🔟
	⊡ > Settings > Car Settings or Headset > Auto Answer	
voice dial (headset)	Enable voice dial with headset send/end key:	🔟
	⊡ > Settings > Headset > Voice Dial	

other features   71

feature		
auto handsfree (car kit)	Automatically route calls to a car kit when connected: Ⓜ > Settings > Car Settings > Auto Handsfree	🔋
power-off delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: Ⓜ > Settings > Car Settings > Power-Off Delay	🔋
charger time (car kit)	Charge the phone for a specified time after the ignition is switched off: Ⓜ > Settings > Car Settings > Charger Time	🔋

data & fax calls

To connect your phone with a USB cable, see page 24.

feature		
send data or fax	Connect your phone to the device, then place the call through the device application.	🔋
receive data or fax	Connect your phone to the device, then answer the call through the device application.	🔋
talk then fax	Connect your phone to the device, enter fax number, press Ⓜ > Talk then Fax, then press 📞 to make the call.	🔋

72 other features

feature	
using sync	You can call an Internet server and synchronize your phonebook and datebook entries with the server. 🔂
	To **set up** an Internet sync partner, press ▤ > Settings > Connection > Sync > [New Entry]. Enter the server details, including Server URL (you can omit http://) and Data Path (the folder below the URL where your data is stored).
	To **synchronize files** with a partner you set up, select the partner from the list in ▤ > Settings > Connection > Sync.

network

feature	
network settings	Display network information and adjust network settings: 🔂
	▤ > Settings > Network

personal organizer

feature	
set alarm	▤ > Tools > Alarm Clock

feature	
turn off alarm	When an alarm displays: To turn off the alarm, press the **DISABLE** key or `⊚`. To set an 8 minute delay, press the **SNOOZE** key.
add new datebook event	`☰` > **Tools** > **Datebook**, highlight the day, press `·◈·`, press `☰` > **New**
view datebook event	Display or edit event details: `☰` > **Tools** > **Datebook**, highlight the day, press `·◈·`, press the **VIEW** key
event reminder	When an event reminder displays: To see reminder details, press the **VIEW** key. To close the reminder, press the **EXIT** key.
send datebook event to another device	Send a datebook event to another phone, computer, or device: `☰` > **Tools** > **Datebook**, highlight the day, press `·◈·`, highlight the event, press `☰` > **Send**

feature	
create voice record	Create a voice record:
	Press and hold the voice key, speak into the phone, release the voice key.
	Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.
play voice record	Play back a voice record:
	M > Tools > Voice Records > *voice record*
calculator	M > Tools > Calculator
currency converter	M > Tools > Calculator M > Exchange Rate
	Enter exchange rate, press the OK key, enter amount, and press M > Convert Currency.

security

feature	
SIM PIN	Lock or unlock the SIM card:
	M > Settings > Security > SIM PIN
	Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.
lock feature	M > Settings > Security > Lock Application

other features   **75**

feature	
manage certificates	Enable or disable Internet access certificates stored on your phone: $\boxed{\equiv}$ > Settings > Security > Certificate Mgmt Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

For basic information on the camera, see page 21.

feature	
manage pictures	Manage photos, pictures, and animations: $\boxed{\equiv}$ > Multimedia > Pictures
manage video clips	$\boxed{\equiv}$ > Multimedia > Videos
manage sounds	Manage ring tones and music that you have downloaded or composed: $\boxed{\equiv}$ > Multimedia > Sounds
create ring tones	Create ring tones that you can use with your phone: $\boxed{\equiv}$ > Multimedia > Sounds > [New iMelody]
start micro-browser	$\boxed{\equiv}$ > Web Access > Browser

feature		
download objects from Web page	Download a picture, sound, or other object from a Web page:	📶ᴬ
	Go to the page that links to the file, highlight the file, press the **SELECT** key, and press the **STORE** key.	
	Note: Normal airtime and/or carrier usage charges apply.	
web sessions	Select or create a Web session:	📶ᴬ
	🔲 > Web Access > Web Sessions	
download game or application	Download a Java™ game or application with the micro-browser:	📶ᴬ
	🔲 > Web Access > Browser, go to the page that links to the application, highlight the application, press the **SELECT** key, and press the **DWNLOAD** key	
	Note: Normal airtime and/or carrier usage charges apply.	
start game or application	Start a Java™ game or application:	📶ᴬ
	🔲 > Games & Apps, highlight the game or application, press the **SELECT** key	
	Note: To install and run games stored on your memory card, press 🔲 > Games & Apps > [Install New].	

other features   **77**

troubleshooting

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

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

The model wireless phone meets 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 limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or 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 and by the Canadian regulatory authorities is 1.6 W/kg[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada 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, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.46 W/kg, and when worn on the body, as

described in this user guide, is 0.41 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

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

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

http://www.phonefacts.net

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

http://www.cwta.ca

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

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

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

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

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

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

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

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

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions

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

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

Who Is Covered?

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

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones**
	1-800-331-6456
	Pagers
	1-800-548-9954
	Two-Way Radios and Messaging Devices
	1-800-353-2729
Canada	**All Products**
	1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

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

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

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

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U.S. patent Re. 34,976