INSTRUCTION MANUAL

A preliminary draft of the User's Manual follows this page.
The text on the following three pages will be added to the user manual.

EXHIBIT 8

Specific Absorption Rate Data

This 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 0.36 W/kg, and when worn on the body, as described in this user guide, is 0.86 W/kg.[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.

SAR Data

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

SAR Data

FCC Notice To Users

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

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 the receiver.
- Connect the equipment to 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.

FCC Notice

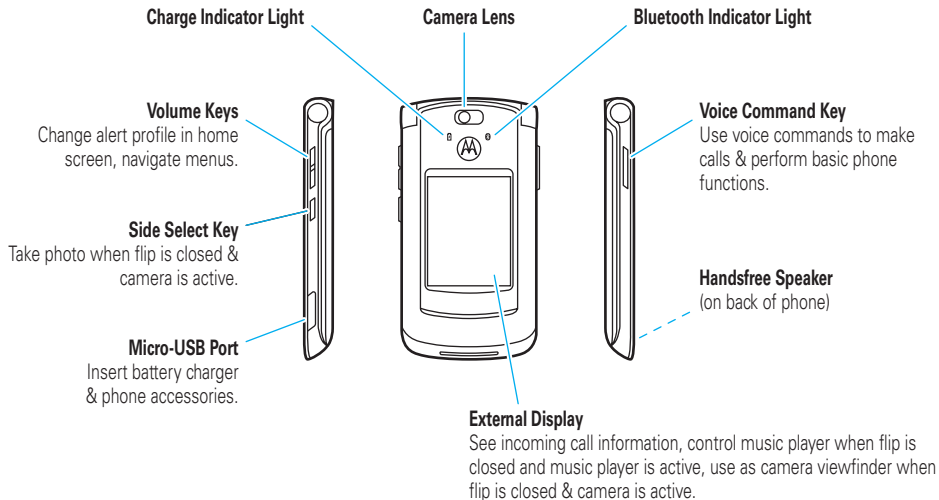**MOTO**RAZR^2 V8

MORE HERE>>

HELLOMOTO

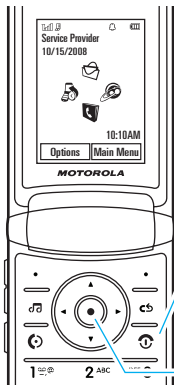Your **MOTO**RAZR^2™ V8 phone is slimmer, stronger, and smarter!

- Your **phone** can recite text messages, incoming caller ID information, and menu items (page 21). An external touchscreen display puts control at your fingertips, without opening your phone, for music playback, messages, and recent phone calls (see your *START HERE* guide).

- Transfer your favorite **music** quickly with USB 2.0 high-speed technology, and easily with Microsoft® Windows® Media Player 11 (see your *START HERE* guide).

- Snap pictures automatically with your 2-megapixel multi-shot **camera** (page 37).

- Capture key moments in high-definition **video**, then upload to your blog (see your *START HERE* guide).

- Access any **Web** site just like you do on your computer, with your phone's full HTML browser (page 36).

- Check your personal **email** accounts (like Hotmail, Gmail, or Yahoo) on the Web (see your *START HERE* guide). Or read and sync your corporate email (Microsoft Outlook) with MOTOSYNC (page 47).

For more information: To read feature instructions on your phone, press Main Menu > ⑦ Help. To watch Web tutorials and learn more about your phone and accessories, go to **www.hellomoto.com**.

Introducing your new **MOTO**RAZR^2™ V8 GSM wireless phone. Here's a quick anatomy lesson.

Charge Indicator Light

Camera Lens

Bluetooth Indicator Light

Volume Keys
Change alert profile in home screen, navigate menus.

Side Select Key
Take photo when flip is closed & camera is active.

Micro-USB Port
Insert battery charger & phone accessories.

Voice Command Key
Use voice commands to make calls & perform basic phone functions.

Handsfree Speaker
(on back of phone)

External Display
See incoming call information, control music player when flip is closed and music player is active, use as camera viewfinder when flip is closed & camera is active.

2

Home Screen

Main Menu

① Press & hold the *power key* ⊙ until the display lights up, to turn on your phone.

② Press the *center key* ⊙ to open the **Main Menu**.
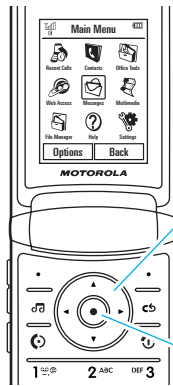
③ Press the *navigation key* ⊙ up/down/left/right to scroll to a menu feature.

④ Press the *center key* ⊙ to select it.

Note: This is the standard home screen and main menu layout. **Your phone's home screen and main menu may be different.** To change your home screen shortcuts and main menu appearance, see your *START HERE* guide.

contents

Use and Care

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

liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.

dust and dirt

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

extreme heat or cold

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

cleaning solutions

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

microwaves

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

the ground

Don't drop your phone.

essentials

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* guide included in the box.

about this guide

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

Find it: ·●· > ◁ Messages > Create Message

This means that, from the home screen:

1 Press the *center key* ·●· to open the menu.

2 Press the *navigation key* ·Ọ· to scroll to ◁ Messages, and press the *center key* ·●· to select it.

3 Press the navigation key ·Ọ· to scroll to Create Message, and press the center key ·●· to select it.

symbols	
⊕	This means a feature is network, SIM card, or subscription dependent and may not be available in all areas. Contact your service provider for more information.
⊞	This means a feature requires an optional accessory.

battery

battery charging

Tip: Motorola batteries have circuitry that protects the battery from damage from overcharging.

Note: You can charge your battery by connecting a cable from your phone's micro-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. A Motorola Original USB cable and supporting software may be included with your phone. These tools also are sold separately.

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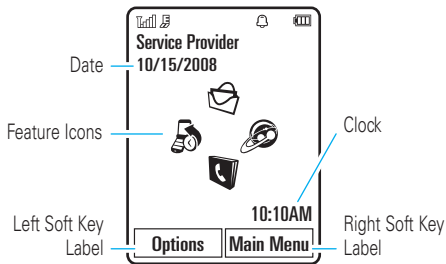
Warning: Never dispose of batteries in a fire because they may explode.

basics

display

The *home screen* appears when you turn on the phone.

Date — 10/15/2008

Feature Icons —

Clock

Left Soft Key Label —

10:10AM

Right Soft Key Label

Options **Main Menu**

Service Provider

Note: Your home screen may look different, depending on your service provider.

To dial a number from the home screen, press number keys and 🔘.

Press the *center key* •🔘• or the Main Menu soft key to open the main menu.

Press Options in the home screen lock the external (side) keys, set an alarm, take a picture or send a message, change the alert profile, activate airplane mode, or customize the home screen.

Press the *navigation key* •🔾• up, down, left, or right in the home screen to open basic features. To show, hide, or change feature icons in the home screen, see your *START HERE* guide.

Tip: Want some help? Press Main Menu > ⑦ Help. Select a Help topic to find information about phone features.

Status indicators appear at the top of the home screen:

1 2 3 4 5 6 7 8 9 10

1 **Signal Strength Indicator –** Show the strength of the wireless network connection.

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

3 **Bluetooth™ Indicator –** Shows Bluetooth status:

   ❸ (solid blue) = Bluetooth powered on

   ❸ (solid green) = Bluetooth connected

   ❸ (flashing blue) = Bluetooth discoverable mode

4 **Messaging Presence Indicator –** Shows your instant messaging (IM) status:

   ☺ (green) = online   ☹ = offline

   ⊖ = busy   ☺ = discrete

   ☺ (gray) = invisible to IM

5 **IM Indicator –** Shows when you receive a new IM message.

6 **Message Indicator –** Shows when you receive a new text or voice message. Other indicators can include:

   ✉ = email message   ✉ = voicemail message

7 Location Indicator – Shows 🛰 when your phone is providing location information to the network, or 🛰 when location information is turned off.

8 Profile Indicator – Shows the alert profile setting:

🔔 = ring only		🔇 = silent	
📳 = vibrate only		📳🔔 = vibrate then ring	

9 Active Line Indicator – Shows ⊕ to indicate an active call, or ⤳ to indicate when call forwarding is on.

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

text entry

Some features let you enter text.

Press # to select a text entry mode.

Press **Options** to change text entry options.

Create Message

Character Counter

Flashing cursor indicates insertion point.

SMS:0

Options   **Send To**
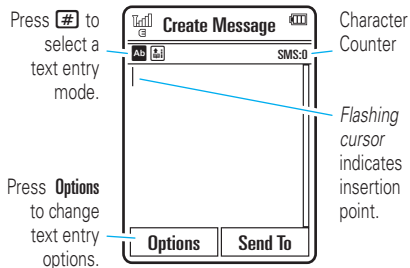
text entry modes	
Ab	"word" mode (page 15)
Ab	"abc" mode (page 16)
123	numeric mode (page 17)
;@	symbol mode (page 17)

To **change** text entry settings and languages:

Find it: $\dot{\bullet}$ > $\mathbb{\%}$ Settings > Phone Settings > Text Entry

Change text case: Press $\boxed{0}$ to change text case to all capital letters ($\blacksquare$), next letter capitalized ($\square$), or next letter lowercase (no symbol).

Set word learning: Your phone can learn the words you enter, to improve text prediction and completion. Press Options > Text Entry > Set Text Prediction > Learn My Words. Your phone shows $\blacksquare$ when word learning is active.

Set text completion: Set your phone to complete words based on the characters you enter. Press Options > Text Entry > Set Text Prediction > Offer Completions. Your phone shows $\blacksquare$ when text completion is active.

Enter punctuation: Press $\boxed{1}$ to enter punctuation or other characters.

Edit or delete text: Press $\dot{\dot{\bigcirc}}$ to move the cursor to the right of text you want to edit. Press the

clear/back key $\boxed{\text{C}}$ to delete the character left of the cursor. Hold $\boxed{\text{C}}$ to delete the entire word.

word mode

Press $\boxed{\#}$ in a text entry screen to switch to "word" predictive text entry mode. Your phone shows $\boxed{\text{Ab}}$ in the display.

Word mode lets you enter words using one keypress per letter. The phone predicts each word as you enter it.

For example, if you press 7 7 6 4, your display might show:

Press ✱ to enter **Prog** & a space.

Press ·Ò· up/down to see other words. Press ·●· to select a word.

You can turn text completion on (▤) or off (▥).

Press C to delete character to left of cursor.

Create Message
SMS:4
Program

Options   **Send To**
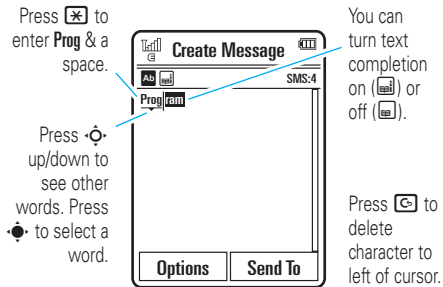
abc mode

Press # in a text entry screen to switch to "abc" text entry mode.Your phone shows ⒶⒷ in the display.

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

16 basics

For example, if you press 7 one time, your display might show:

Character displays at insertion point.

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

Create Message
SMS:1
P**rog**

Options   **Send To**
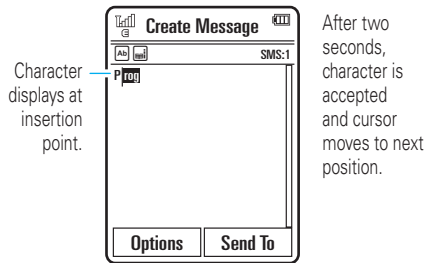
When text completion is activated, your phone tries to guess the rest of the word:

- Press ·●· to select the suggested word.

- Press ·Ò· right to enter the suggested word and a space.

- If you want a different word, press keypad keys to enter the remaining letters.

numeric mode

Press **#** in a text entry screen until you see ⒓⒊. Press the number keys to enter the numbers you want.

Tip: Just need one number? To enter a number quickly, press and hold a number key until the number appears.

symbol mode

Press **#** in a text entry screen until you see ⒧⒟. The display shows the symbol associated with each keypad key. Press **Ọ** up/down repeatedly to see different symbols. To insert a symbol, press its key, or scroll to it and press **●**.

volume

Press the volume keys to:

- turn off an incoming call alert

- change earpiece or speakerphone volume during a call

- change playback volume for a song or video

- set your phone's alert profile in the home screen (press the volume keys to scroll to a profile, then press **●** or side select key to select it)
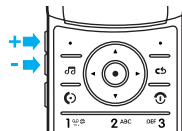
navigation key

Press the navigation key $\dot{\bigcirc}$ up, down, left, or right to scroll to menu items. When you scroll to something, press $\dot{\bullet}$ to select it.
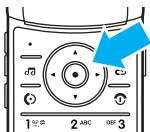
side select key

The side select key gives you another way to do things. For example, when you scroll to a menu item, you can press the side select key to select it (instead of pressing $\dot{\bullet}$).
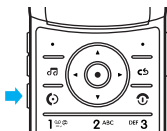
Tip: From the home screen, press the side select key to activate the camera.

external display

When your phone flip is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 13.

set phone ring style in the external display

From the external display, press the external volume keys on the side of your phone to scroll to a profile, then press the side select key to select it.

return an unanswered call in the external display

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

Tip: Since the microphone and earpiece are hidden when the phone flip is closed, you'll

have to use a headset or other handsfree device to make and receive calls.

1   Press the side select key (see illustration on page 2) to see the received calls list.

2   Press the external volume keys on the side of your phone to scroll to an unanswered call.

    • To call the number, press and hold the side select key.

    • To exit without calling, press the side select key briefly.

voice commands

You can use voice commands to tell your phone what to do.

Note: Not all languages support voice commands.

voice dial a call

You can dial a contact list entry by speaking its name, or dial any phone number by speaking its digits.

1   Press and hold the external *voice command key* on the side of your phone. The phone loads the voice recognition software, then prompts you to say a command or name.

2   Wait for the beep, then say the name of an entry as it appears in your contact list. Your phone confirms the name and makes the call.

    or

    Say "Dial Number." Your phone prompts you to speak the digits in the phone number. Speak the digits. Your phone confirms the number and makes the call.

Tips:

- You can say a contact's name and number type together. For example, say "John Smith mobile" to call the mobile number stored for John Smith.

- For voice command help, press the voice command key on the side of your phone, then press Help.

voice activate phone functions

You can use voice commands to open applications and perform many basic phone functions.

1 Press and hold the external voice command key on the side of your phone. The phone prompts you to say a command.

2 Wait for the beep, then say a command from the list.

voice commands
"*contact name*"
"**Dial Number**"
"**Send Message To** *contact name*"
"**Check Calendar**"
"**Check New Message**"
"**Check New Email**"
"**Add New Contact**"
"**Talking Phone**"
"**Check Battery**"
"**Check Signal**"
"**Check Time**"
"**Check Date**"
"**Open Setup**"
"**Open Recent Calls**"
"**Open Theme**"
"**Open Camera**"

voice commands
"**Open Web Access**"
"**Set Airplane**"
"**Set Airplane Off**"
"**Set Ring**"
"**Set Normal**"
"**Set Vibrate**"
"**Set Silent**"

Tip: Press and release the voice command key on the side of your phone to see the list of voice commands.

talking phone

Set your phone to recite incoming caller ID information, read the names of menu features or contact list entries, read messages you receive, and provide audio feedback for phone functions.

Find it: ‹$\hat{\diamond}$› > $\color{teal}\heartsuit$ Settings > Phone Settings > Talking Phone

Shortcut: Press and hold the external voice command key on the side of your phone. When the phone prompts you to say a command, say "Talking Phone."

handsfree speaker

During a call, press Options > Speaker On to turn on the handsfree speaker. Your display shows the speakerphone indicator until you turn it off (press Options > Speaker Off) or end the call.

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.

codes & passwords

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

Find it: $\dot{\bullet}$ > Settings > Security > Change Passwords

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

If you forget your unlock code: At the Please verify the Unlock Code prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press # to enter your six-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 external keys

You can lock the external phone keys when the phone flip is closed, to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

To **manually lock** the external keys: Close the phone flip, then press and hold the side select key. The external keys remain locked until you open the phone flip.

To **automatically lock** the external keys when the phone is idle and the phone flip is closed:

Find it: $\dot{\bullet}$ > Settings > Security > External Key Lock > Timer

You can set the time delay for locking the external keys (**2 seconds**, **4 seconds**, or **8 seconds**). The keys lock when you

close the phone flip, and unlock when you open the phone flip.

To **turn off** the automatic lock feature:

Find it: $\dot{\bullet}$ > $\mathcal{G}$ Settings > Security > External Key Lock > Timer > Off

To **unlock** the external keys: Press and hold the side select key.

lock & unlock phone

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

To **manually lock** your phone:

Find it: $\dot{\bullet}$ > $\mathcal{G}$ Settings > Security > Phone Lock > Lock Now

To **automatically lock** your phone whenever you turn it off:

Find it: $\dot{\bullet}$ > $\mathcal{G}$ Settings > Security > Phone Lock > Lock at Power On > On

Note: You can make emergency calls when the phone is locked (see page 32).

personalize

profiles

You can quickly change your phone's alert style or profile to match your activity or environment. Each profile uses a different set of ringtones or vibrations for incoming calls and other events. The alert profile indicator shows at the top of the home screen:

🔔	Ring Only	🔕	Silent
📳	Vibrate Only	📳	Vibrate then Ring

To change your profile: From the home screen, press the external volume keys on the side of your phone. Alternatively, from the home screen press **Options** > **Change Alert Style** or **Change Profile**.

The **Silent** profile silences your phone until you set another profile.

Shortcut: From the home screen, press and hold 🔲#🔲 to quickly set the profile to **Vibrate Only**.

change alert style settings

You can change the ringtones that a standard alert style uses to notify you of incoming calls and other events. Additionally, you can change the alert style's ring volume, keypad tone volume, and media playback volume settings. For dual-line-enabled SIM cards, you can set different ringtones to identify incoming calls on line 1 or line 2.

Note: You can't set a ringtone for the **Silent** alert style, or change some settings for some alert styles.

Find it: ⬧ > ⚙ **Settings** > **Profiles** > **Alert Style** > *alert style*

1 Press ·Q· left/right to select the **alerts** tab ♫, **volume** tab ♪, **messages** tab ✉, or **settings** tab ⚙.

2 Press ·Q· up/down to scroll to the alert or volume setting you want to change, then press ·●·.

3 Select the setting value you want.

4 Press Back to exit and save your changes.

To **reset** the default settings for an alert style:

Find it: ·●· > ⚙ Settings > Profiles > Alert Style > *alert style*, press Options > Reset

create a new profile

To create a **new** profile with the ringtones and volume settings you specify:

Find it: ·●· > ⚙ Settings > Profiles > Alert Style > *alert style*

1 Change alert style settings as described in the previous section.

2 Press Options > Save as Profile.

3 Enter a name for the profile, then press Save to save it.

To create **additional** profiles:

Find it: ·●· > ⚙ Settings > Profiles, press Options > Create Profile

Note: Profile alert settings also can be set by the theme. When you apply a new theme, you can choose to apply the theme's alert settings to the current profile. Selecting this option **changes** the current profile to use the theme alert settings.

edit or delete profiles

To **edit** a profile:

Find it: ·●· > ⚙ Settings > Profiles, scroll to the profile, press Options > Edit

Note: You can't edit the Silent profile, or change some settings for some profiles.

To **delete** a user-defined profile:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Profiles, scroll to the profile, press Options > Delete

restore alert style settings

To delete all user-defined profiles and restore your phone's original alert style settings:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Profiles, press Options > Restore Sound Settings

time & date

Your phone can automatically update the time and date. It uses the time and date for the Calendar.

To **synchronize** time and date with the network:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Phone Settings > Time & Date > Auto-Update Time > On

To **manually** set the time and date:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Phone Settings > Time & Date > Auto-Update Time > Off, then > Time and Date

To adjust time and date, press $\dot{\textbf{O}}$ left/right to scroll to a setting, then press $\dot{\textbf{O}}$ up/down to change it. Press Set to save your settings.

To show a **12-hour or 24-hour** digital clock in the home screen:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Phone Settings > Time & Date > Time Format > 12 Hour Clock or 24 Hour Clock

To set the **date format** in the home screen:

Find it: $\dot{\bullet}$ > $\textbf{\textit{Settings}}$ > Phone Settings > Time & Date > Date Format

To set your **time zone**:

Find it: $\dot{\bullet}$ > $\mathbb{V}$ Settings > Phone Settings > Time & Date > Time Zone, then select a city in your time zone

Shortcut: Press keypad keys to enter the first letters of the city you want.

themes

Use a phone *theme* to personalize the look and sound of your phone. Most themes include a wallpaper image, screensaver image, and ringtones.

To **apply** a theme:

Find it: $\dot{\bullet}$ > $\mathbb{V}$ Settings > Themes > *theme*

Alternatively, from the home screen, press Options > Customize Home > Change Theme.

To **download** a theme, see page 36.

To **delete** a theme:

Find it: $\dot{\bullet}$ > $\mathbb{V}$ Settings > Themes, scroll to the theme, then press Options > Manage > Delete

Note: You can delete only downloaded themes or custom themes you create.

modify a theme

Find it: $\dot{\bullet}$ > $\mathbb{V}$ Settings > Themes, scroll to the theme, press Options > Edit

1   Press $\dot{\textrm{Q}}$ left/right to select the **sounds** tab $\square$ or **images** tab $\square$.

2   Press $\dot{\textrm{Q}}$ up/down to scroll to the setting you want to change, then press $\dot{\bullet}$.

3   Scroll to the image or sound file you want, then select it.

4   Press Save to save your theme changes.

The Wallpaper appears as a background image in your home screen.

The Screen Saver appears in the display when no activity is detected for a specified time. To set the delay interval, see the following section.

Skins set the look and feel of your phone's display.

To **reset** the standard settings for a modified theme:

Find it: <ˆ●˙ > ❀ Settings > Themes > *theme*, press Options > Manage > Reset

To **restore** the default theme on your phone:

Find it: <ˆ●˙ > ❀ Settings > Themes, press Options > Manage > Restore to Default

create a new theme

Find it: <ˆ●˙ > ❀ Settings > Themes, press Options > Create New or Create a Copy

display appearance

To set your display **brightness**:

Find it: <ˆ●˙ > ❀ Settings > Phone Settings > Display Settings > Brightness

To save battery life, the keypad **backlight** can turn off when you're not using your phone. To set the backlight timeout delay interval:

Find it: <ˆ●˙ > ❀ Settings > Phone Settings > Display Settings > Backlight Timeout

To save battery life, the **display** can turn off when you're not using your phone. To set the display timeout delay interval:

Find it: <ˆ●˙ > ❀ Settings > Phone Settings > Display Settings > Display Timeout

To set the **screensaver** timeout delay interval:

Find it: <ˆ●˙ > ❀ Settings > Phone Settings > Display Settings > Screensaver Timeout

Note: To see the screensaver, the Display Timeout setting must be greater than the Screensaver Timeout setting.

Tip: To extend battery life, turn off the screensaver.

answer options

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

Find it: ◆ > 鬻 Settings > Call Settings > In-Call Setup > Answer Options

options	
Any Key Answer	Answer by pressing any key.
Open to Answer	Answer by opening the phone flip.

Note: You can always press ⊙ to answer a call.

calls

turn off a call alert

Press the external volume keys on the side of your phone to turn off the ringer before answering a 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 🔘 in the home screen to see the Dialed Calls list.

Find it: ●· > 🔊 Recent Calls, press **#** to select the Dialed Calls, Missed Calls, Answered Calls, or Recent Calls list

Scroll to a call. Icons indicate if the call was incoming ⮑, outgoing ⮑, or missed 🔔. A check mark next to the icon indicates a connected call.

- To call the number, press 🔘.

- To see call details (like time and date), press ●·.

- Press **Options** to select recent calls options, or to select call times or costs (see page 65).

redial

1 Press 🔘 from the home screen to see the Dialed Calls list.

2 Scroll to the number you want to call, then press 🔘.

If you hear a **busy signal** and see Call Failed, press 🔘 or Retry to redial the number. When the call goes through, your phone shows Connected and connects the call.

return a call

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

When you see the X Missed Calls message, press 💠 to see the Missed Calls list. Scroll to the call you want to return, then press 🔘.

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your phone's display.

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

Note: Picture IDs aren't available for contacts stored on the SIM card.

Tip: Want to know who's calling without even looking at your phone? To give one of your contacts a special ringtone, see page 60.

To show or hide your phone number for the next outgoing call, enter the number you want to call, then press Options > Show ID or Hide ID.

To show or hide **your phone number** for all calls:

Find it: 💠 > 🎛 Settings > Call Settings > In-Call Setup > My Caller ID > All Calls > Show ID or Hide ID

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call at any time, even when your phone is locked or the SIM card is not inserted.

Note: Check with your service provider, as emergency numbers vary by country. Your phone may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues. Do not solely rely on your wireless phone for essential communications such as medical emergencies.

To make an emergency call: Turn your phone on, exit any open application such as games, dial the emergency number, then press the *send key* 🕻 to call the emergency number.

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 display shows New Voicemail and the new message indicator 🖃.

To **check** voicemail messages:

Find it: ·●· > 🖂 Messages > Call Voicemail

Shortcut: Your service provider may store your voicemail phone number in speed dial location #1. If so, you can press and hold ⊡ in the home screen to listen to your voicemail message(s).

entertainment

music player

For basic music player instructions, see your *START HERE* guide.

set default format and bit rate for Windows Media Player 11

Windows Media Player 11 lets you adjust format and bit rate settings to optimize sound quality or increase the number of song files you can store on your phone.

Windows Media Audio format offers the optimal balance between file size and sound quality. Song files in this format tend to require more storage space than files that use Windows Media Audio Pro format.

Windows Media Audio Pro format is designed for use in portable devices with limited storage capacity.

The format provides improved sound quality at lower bit rates.

To set the default file format and bit rate:

1 Insert the music CD in your computer's CD drive.

2 Launch Windows Media Player 11.

3 Select the Rip tab in Windows Media Player 11.

4 Click the Rip tab down arrow, then choose Format > Windows Media Audio or Windows Media Audio Pro.

5 Click the Rip tab down arrow again, then choose Bit Rate > *bit rate*.

convert iTunes AAC files to MP3 files on your computer

Use the iTunes desktop application to convert standard iTunes AAC files to MP3 files that are compatible with Windows Media Player 11.

Note: The iTunes desktop application can only convert AAC files ripped from a music CD. It can't convert music files purchased from the iTunes store.

1 Open the iTunes desktop application on your computer.

2 Select Edit > Preferences, then click the Advanced tab and click Importing.

3 Open the Import Using pop-up menu, then select the MP3 Encoder option. Click OK to save your settings.

4 Select one or more songs in your iTunes music library, then choose Advanced
   > Convert Selection to MP3.

The converted MP3 file copies appear in your computer's music library alongside the original AAC files.

play music (flip open)

Use the navigation key ·Ò· to control song playback when the phone flip is open.

Press ·Ò· up to pause/play, press down to stop. Press ·Ò· left/right to skip to previous/next song.

Timer Shows % Played

Return to previous screen.

Select & adjust music player options.
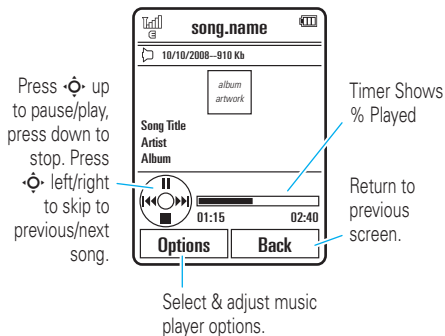
When a song is playing, press Options to select music player options:

options	
Hide	Hide the music player while music plays. To see the music player again, go to the home screen, then press $\dot{\mathbf{Q}}$ up.
Manage	Show song Properties, such as file name, type, and size.
Delete	Delete the song file.
Send to	Send the song in a message or email, or send it to another device over a Bluetooth connection.
Apply to	Add the song to a playlist or make it a ringtone.

| options	
Use Bluetooth/ Use Handset	When Bluetooth power is on, select Use Bluetooth to route audio to a Bluetooth headset.
	When a Bluetooth audio connection is active, select Use Handset to switch audio back to the phone.
	Note: This option appears only when Bluetooth power is turned on.
Setup	Customize settings.

During a song, the music player shows the song title, artist, album, and artwork, if available. To see a larger image of the **artwork**, press $\dot{\bullet}$ (press it again to return to the music player).

customize the music player

Find it: [🎵], press Options > Setup

You can select the following options:

options	
Shuffle	Play songs in a random order.
Auto- Repeat	Replay the song or playlist when the last file finishes playing.
Stereo Effects	Set Spatial Audio and Bass Boost to customize sound.
Internet Connection	Set your Internet connection preferences.

When you scroll to a song in a list and press Options, you may see additional options for the song and list, such as Delete, Send to, and Apply to.

browser

Use your phone's full HTML browser to surf to your favorite Web sites, upload videos to a video blog, and download files and applications to your phone. Log on

to your Internet-based email account to check your email on the go.

To **launch** the browser:

Find it: ·$\dot{\bullet}$· > $\mathscr{B}$ Web Access > Browser

Press ·$\dot{Q}$· up/down/left/right to scroll through Web pages. Scroll to a link and press ·$\dot{\bullet}$· to select it. Press Back at any time to return to the previous screen.

Some Web pages may contain a text entry window for exchanging information with a Web site. Scroll to the window, select it, and enter text as usual (for more information about text entry, see page 14).

To **go to a Web page**, press Options > Go to Page, enter the Web address, then press Go.

To **bookmark** the current Web page, press Options > Active Page > Add Bookmark.

To go to a **bookmarked Web page**, press Options > My Bookmarks > *bookmark*.

To **upload** a video to a video blog site, see your *START HERE* guide.

To **download** a media file, theme, or Java™ game or application to your phone, go to the page that links to the file, scroll to the link, and select it.

To **exit** the browser, press Options > Exit.

camera

The 2-megapixel digital camera on your phone can take photos at up to 1200 x 1600 pixels resolution. Just aim and shoot to take a photo, then press Send to share it with your friends.

take a photo

Find it: $\hat{\textbf{s}}$ > ♪ Multimedia > Camera

Timer

Remaining Shots

Resolution

Camera Mode (Photo or Video)

370

Storage Location (Phone Memory)

Press $\hat{Q}$ up/down to see camera settings, press left/right to change.

Zoom x1

Return to previous screen.

Options Back

Select & adjust camera options.
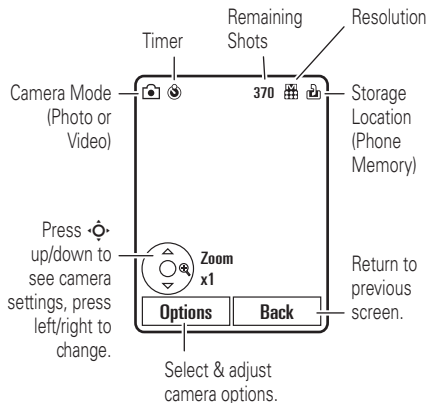
To take the photo in the viewfinder, press ⬤.

- To store the photo, press ⬤.

- To send the photo in a message, press Send (see page 42). 🔔

- To discard the photo, press the clear/back key ⬅.

- To select other photo options, press Options. You can choose to Save Only, Discard, Send to (message, email, or Bluetooth connection), Apply to (wallpaper, screensaver, new or existing contact), Edit, or Print via (Bluetooth connection or USB connection).

auto-send

You can set up your phone to automatically send the photos you take to a list of contacts you specify.

To use auto-send, you first must activate the auto-save feature:

Find it: ⬤ > 🎵 Multimedia > Camera, press Options > Camera Settings > Auto-Save > Enable

Then activate auto-send:

Find it: ⬤ > 🎵 Multimedia > Camera, press Options > Camera Settings > Auto-Send > Enable

To specify the message recipients for the photos you take:

Find it: ⬤ > 🎵 Multimedia > Camera, press Options > Camera Settings > Message Recipients

Tip: To send your photo in an MMS text message, the picture resolution must be set to X-Small, Small, or Medium. To set resolution, press ⬤ > 🎵 Multimedia > Camera, press Options > Camera Settings > Picture Settings > Resolution.

self portrait

When the camera viewfinder is active, you can close the phone flip to show the viewfinder image in the external display. Press the side select key (see illustration on page 2) to take a photo. Your phone automatically stores photos you take when the phone flip is closed.

camera settings

When the viewfinder is active, press **Options** to select camera options:

options	
Capture	Take a photo.
Go To My Media	See, edit, and delete stored pictures and photos.
Video Mode	Switch to the video camera.

options	
Auto-Timer	Set a timer for the camera to take a photo.
Multi-Shot	Set the camera to take multiple photos in sequence.

Camera Settings	Customize camera settings:
	• Review Time
	• Shutter Tone
	• Default Name
	• Auto-Save
	• Auto-Send
	• Message Recipients
	• Picture Settings
	  • Resolution
	  • Quality
	• Video Settings
	  • Resolution
	  • Quality
	  • Video Length

video

To record and play a video, and upload a video to a video blog Web site, see your *START HERE* guide.

set video recording options

When the video camera viewfinder is active, press **Options** to set video recording options:

options	
Capture	Begin video recording.
Go To My Media	See, edit, and delete stored videos.
Picture Mode	Switch to the photo camera.
Audio On/Off	Turn audio recording on/off.
Camera Settings	Customize camera settings (see page 39).

set video playback options

When a video is playing, press **Options** to set video playback options.

Note: Your phone's options may vary. Most options apply only to user-recorded videos, and are not available for pre-installed videos.

options	
Play Fullscreen	Show the video in full screen. (Press ◆ to return to actual size.)
Manage	Show video **Properties**, such as file name, type, and size.
Delete	Delete the video.
Zoom	Show the video at actual size, or scale the video to fit the viewing area.
Send To	Send the video in a message or email, or send it to another device over a Bluetooth connection.

options	
Use Bluetooth/ Use Handset	When Bluetooth power is on, select Use Bluetooth to route the audio soundtrack (if available) to a Bluetooth headset.
	When a Bluetooth audio connection is active, select Use Handset to switch audio back to the phone.
	Note: This option appears only when Bluetooth power is turned on.
Setup	Adjust video settings.

messages

text messaging

send a text message

A text message can contain text and pictures, sounds, or other media objects. You can add multiple pages to a message, and put text and media objects on each page. You can send a message to other compatible phones, or to email addresses.

Find it: `◈` > `✉ Messages` > `Create Message`

1 Press keypad keys to enter text on the page (for more information about text entry, see page 14).

   To insert a **picture, sound, or other media object** on the page, press `Options` > `Insert`. Select the file type and the file. (**Note:** File size restrictions may apply to pictures and videos sent in a text message.)

   To insert **another page**, press `Options` > `Insert` > `Page`. You can enter more text and objects on the new page.

2 When you finish the message, press `Options` > `Sending Options` to set message options (such as `Subject` and `Priority`).

3 When you finish setting message options, press `Done`.

4 Press `Send To` to select message recipients. You can:

   • Select one or more entries from your contact list (press `Ò` to scroll to an entry, and press `◈` to select it).

- Enter a new number or email address (press Options > Enter Number or Enter Email).

5   Press Send to send the message.

Your phone might tell you that this is a multimedia message, if it contains multiple pages or media objects. Some phones or networks don't support multimedia messages. Press Yes to send the message.

To save or cancel the message, press Options > Save to Drafts or Cancel Message.

receive a text message

When you receive a message, your phone plays an alert, and the internal display shows New Message with the new message indicator 🖃.

To **read** the message, press View. If the message contains media objects:

- Pictures and animations show as you read the message.

- Sound files play as you read the message. Press the external volume keys on the side of your phone to change the sound volume.

- Attached files are added to the end of the message. To open an attachment, select the file indicator or file name.

To **answer** the message, press Options > Reply.

additional message & email features

features
send a prewritten quick note ⊞[Āⁱⁱ]
·●· > ⊖ Messages > Templates > Text Templates > *quick note*, press Options > Send
To create a new quick note:
·●· > ⊖ Messages > Templates > Text Templates, press Options > Create Template
set up email accounts ⊞[Āⁱⁱ]
You can set up and use multiple email accounts on your phone:
·●· > ⊖ Messages > Email > Add Account
Note: Your display shows a separate folder for each email account.

features
send email ⊞[Āⁱⁱ]
·●· > ⊖ Messages > Email
use a multimedia template ⊞[Āⁱⁱ]
Open a multimedia template with pre-installed media:
·●· > ⊖ Messages > Templates > Multimedia Templates
read new message or email ⊞[Āⁱⁱ]
When your display shows New Message, press Read.
read old messages ⊞[Āⁱⁱ]
·●· > ⊖ Messages > Inbox
Icons next to each message show if it is **read** ⊖, **unread** ⊠, **urgent** ①, or has an **attachment** ▯. Press Options to perform various operations on a message.

features	
read old email	(A)
$\dot{\bullet}$ > $\diamondsuit$ Messages > Email	
Press Options to perform various operations on a message.	
store message objects	(A)
Go to a multimedia message page, then press Options > Store.	
create folder	(A)
Create a personal folder to store your messages.	
$\dot{\bullet}$ > $\diamondsuit$ Messages > My Folders, press Options > Create Folder	

features	
browser messages	(A)
Read messages received by your browser:	
When your display shows New Message, press View.	
To activate browser messages and adjust browser message settings:	
$\dot{\bullet}$ > $\diamondsuit$ Messages, press Options > Settings > Browser Messages	
info services	(A)
Read subscription-based information services messages:	
When your display shows New Message, press View.	
To activate information services and adjust info services settings:	
$\dot{\bullet}$ > $\diamondsuit$ Messages, press Options > Settings > Info Services	

instant messaging

Use instant messaging to share messages with your friends in real time.

Find it: $\dot{\bullet}$ > 🖹 Office Tools > IM, scroll to your IM account, press Log In

If you don't have an IM account, select [New Account] to create one.

To **find others** online, select Contact List to see a list of other users.

To **start a conversation**, scroll to a name in the Online Contacts list and press Send IM.

To **open an active conversation**, scroll to a name in the Conversations list and press View.

To end a conversation, press Options > End Conversation.

To **log out** from your instant messaging session, press Options > Log Out.

create or edit an IM account

To create a new IM account:

Find it: $\dot{\bullet}$ > 🖹 Office Tools > IM > [New Account]

To edit an existing IM account:

Find it: $\dot{\bullet}$ > 🖹 Office Tools > IM, scroll to an account, press Options > Edit Account

connections

MOTOSYNC

You can use several different over-the-air connection methods to synchronize information between your phone and a remote server.

MOTOSYNC with Exchange ActiveSync

Use the Internet to synchronize your phone's contact list, calendar entries, and email with an email account on a Microsoft® Exchange 2003 server.

set up Exchange ActiveSync

Confirm that the **Mobility** option is enabled on the email account, and that **data service** is activated with your phone service provider (additional fees may apply for this service).

To set up an ActiveSync partner:

Find it: $\hat{\bullet}$ > 📇 Office Tools > MOTOSYNC > Exchange ActiveSync

Enter your email account and server information, including User Name, Password, Domain Name, Server Name, and Data Connection details. If necessary, contact your system administrator to obtain the information you need, or to help you connect your phone to the server.

use Exchange ActiveSync

Schedule your phone to **automatically** synchronize data with an Exchange ActiveSync partner:

Find it: $\hat{\bullet}$ > 📇 Office Tools > MOTOSYNC > Exchange ActiveSync, press Options > Auto Sync > On, press OK to enter the time and days you want to synchronize

To **manually** synchronize your contacts, calendar, and email:

Find it: $\hat{\bullet}$ > 📇 Office Tools > MOTOSYNC
> Exchange ActiveSync > Synchronize Now

The first synchronization may take several minutes, depending on the amount of data in your contacts list, calendar, and email on the Exchange 2003 server.

MOTOSYNC with SyncML

Call a SyncML Internet server and synchronize your phone's contact list and calendar entries with the server.

To **synchronize files** with a partner you set up:

Find it: $\hat{\bullet}$ > 📇 Office Tools > MOTOSYNC > SyncML

If no SyncML profile is stored on your phone, the phone prompts you to create a profile. Contact your IT system administrator to obtain the information you need to set up a profile.

Note: If your phone can't connect to the server, verify that your phone's network service provider has data service activated on your phone (additional fees may apply for this service).

file manager

Access and manage music, photos, and other multimedia files stored on your phone.

Find it: $\hat{\bullet}$ > 📇 Office Tools > File Manager

Select a folder to see its contents.

To **view** a photo or video, or **play** a sound file, just scroll to the file and select it.

To **edit** a file, scroll to the file and press Options to delete, rename, copy, move, send, or apply it. You can't perform some operations on some copyrighted or pre-installed files.

To **copy files** between your phone and a computer, you can use a cable connection (see following section) or a Bluetooth connection (see page 51).

cable connections

To transfer data between your phone and a computer, insert the micro-USB connector plug from a USB cable into your phone's micro-USB port. Connect the other end of the cable to the computer.
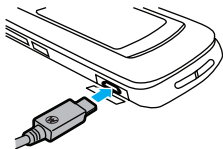
Note: A Motorola Original USB cable and supporting software may be included with your phone. These tools also are sold separately. Check your computer to determine the type of cable you need.

To use your phone as a **modem**: Press $\dot{\bullet}$ > $\overset{\text{\tiny\#}}{\bullet}$ Settings > Connections > USB Setting > Modem.

To **transfer contact lists and calendar entries** between your phone and computer: Use the modem connection setting on your phone (press $\dot{\bullet}$ > $\overset{\text{\tiny\#}}{\bullet}$ Settings > Connections > USB Setting > Modem). You must run the optional Motorola Phone Tools accessory application on your computer. See the Phone Tools user's guide for more information.

To make **data calls** through a connected computer: Use the modem connection setting on your phone (press $\dot{\bullet}$ > $\overset{\text{\tiny\#}}{\bullet}$ Settings > Connections > USB Setting > Modem). Use the computer application to place or answer the call.

To create a **new data connection** on your phone, press $\dot{\bullet}$ > $\overset{\text{\tiny\#}}{\bullet}$ Settings > Connections > Data Connections > Add a Connection).

To **copy files** between your phone and computer, see the instructions for copying music files to the phone in your *START HERE* guide.

To **print** an image over a USB PictBridge connection: Connect your phone to a PictBridge-compatible printer, and use the print connection setting on your phone (press $\dot{\bullet}$ > $\clubsuit$ Settings > Connections > USB Setting > USB Printing). Select the image(s) you want to print, then press Options > Print via > USB.

Bluetooth™ wireless

Your phone supports Bluetooth wireless connections. You can connect your phone with an optional Bluetooth headset or Bluetooth car kit to make handsfree calls; connect with a set of Bluetooth stereo headphones to listen to music stored on your phone; connect with a computer that supports Bluetooth connections to exchange files; connect with a printer that supports Bluetooth connections to print images; use your phone as a Bluetooth wireless modem to connect to the Internet.

For maximum Bluetooth security, you should always connect Bluetooth devices in a safe, private environment.

turn Bluetooth power on or off

Your phone automatically turns Bluetooth power on when you use a Bluetooth feature.

To turn Bluetooth power on or off at any time:

Find it: $\dot{\bullet}$ > $\clubsuit$ Settings > Connections > Bluetooth, press Options > Manage > Setup Bluetooth > Bluetooth Power > On

Note: To extend battery life and maximize Bluetooth security, use this procedure to set Bluetooth power to Off when not in use. Your phone will not connect to another device until you use a Bluetooth feature again, or set Bluetooth power back to On.

use a Bluetooth headset or handsfree car kit

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

Find it: $\dot{\bullet}$ > $\color{blue}\clubsuit$ Settings > Connections > Bluetooth, press Options > Search For Device > Headset

Your phone lists the devices it finds within range.

1 Scroll to a device in the list.

2 Press $\dot{\bullet}$ to connect with the highlighted device.

copy files to another device

You can copy a media file, contact, calendar event, or bookmark to another phone or computer that supports Bluetooth connections.

Note: You can't copy some copyrighted objects.

Before you try to copy a file to another device, make sure the receiving device is **on** and **ready** in discoverable mode. Also, make sure the device is not busy with another Bluetooth connection.

1 On your phone, scroll to the object that you want to copy to the other device.

2 Press Options, then select:

- Send To > Bluetooth for an image or sound file.

- Send Contact Via > Bluetooth for a contact.

- Share Event Via > Bluetooth for a calendar event.

- Share Page Via > Bluetooth for a bookmark.

3 Select a recognized device name.

or

Select [Search For All Devices] to search for new devices, then select the device where you want to copy the object.

4 Press Options > Send.

5 If necessary, enter the device passkey (such as 0000), and press OK to connect to the device.

receive files from another device

Before you try to receive a file from another device, make sure your phone's Bluetooth power is **on** (see page 50).

Place your phone near the device, and send the file from the device.

If your phone and the sending device were not previously paired, place your phone in discoverable mode so the sending device can locate it (press ·◆· > ✿ Settings > Connections > Bluetooth, press Options > Find My Device On 3 Minutes). The Bluetooth indicator ✆ in the home screen flashes when your phone is in discoverable mode.

Your phone notifies you when file transfer is complete, and saves the file.

send a photo to a printer

You can send a photo to a printer that supports Bluetooth connections.

Note: You can print A4, US Letter, and 4x6 size pages. To print another size, copy the image to a linked computer and print it from there.

1 On your phone, take a new photo or scroll to a stored image that you want to print, then press Options > Print via > Bluetooth.

Note: If you see Service Not Supported when you try to print, select Send To > Bluetooth instead. (The Send To option does not print the image name or date stamp.)

2 Select a recognized printer name, or [Search For Printers] to search for another printer where you want to send the image.

Note: If a printer is already listed in the My Printers list, press •♦• right and select Search for All Printers to search for another printer.

3 If available, modify print options.

advanced Bluetooth features

Note: A device is *recognized* after you connect to it once (see page 51).

features
pair with recognized device 🔁
Press •♦• > 🎲 Settings > Connections > Bluetooth, press •Ö• left/right to select the My Devices list, press •Ö• up/down to scroll to the device name, press •♦• to connect.

features
drop connection with device 🔁
Scroll to the device name and press Options > Manage > Disconnect Device.
remove device from device list 🔁
Scroll to the device name and press Options > Manage > Remove Device.
Note: You can't remove a device from the list while your phone is connected to the device.
switch audio to Bluetooth headset or Bluetooth car kit during call 🔁
Press Options > Use Bluetooth.
To switch audio back to the phone, press Options > Use Handset.

features
edit properties of recognized device   🔘
Scroll to the device name, press Options > Manage > Edit Device.
set Bluetooth options   🔘
Press ·�· > 🔧 Settings > Connections > Bluetooth, press Options > Manage > Setup Bluetooth.

phone updates

Sometimes, we think of ways to make your phone's software faster or more efficient after you've purchased your phone. You can find out if your phone can be updated at: **www.hellomoto.com/update**

Note: Software updates do not affect your contact list or other personal entries or files. If you receive a software update but choose to install it later, see page 67.

other features

advanced calling

To use voice commands for calling, see page 19.

features
speed dial
Your phone can store nine phone numbers that you can call with a single keypress. To **store** a speed dial phone number:
•◆• > ❀ Settings > Call Settings > Speed Dial > *speed dial location*
To **call** a speed dial number, press and hold the single-digit speed dial number for one second.

features
international calls   🄰⁹
If your phone service includes international dialing, press and hold **0** to insert your local international access code (indicated by **+**). Then, press number keys to dial the country code and phone number.
hold a call
Press **Options** > **Hold** to put all active calls on hold.
mute a call
Press **Options** > **Mute** to put all active calls on mute.

features	
call waiting	(🔊A)
When you're on a call, you'll hear an alert if you receive a second call.	
Press ⊙ to answer the new call.	
• To switch between calls, press Switch.	
• To connect the two calls, press Link.	
• To end the call on hold, press Options > End Call On Hold.	
To turn call waiting on or off:	
·●· > ❖ Settings > Call Settings > In-Call Setup > Call Waiting > On or Off.	
make another call during a call	(🔊A)
During a call:	
Options > New Call, press Options > Browse Contacts	

features	
conference call	(🔊A)
During a call:	
Dial next number, press ⊙, press Options > Link Calls	
transfer a call	(🔊A)
During a call:	
Options > Transfer Call, dial transfer number, press ⊙	
call forwarding	(🔊A)
Set up or cancel call forwarding:	
·●· > ❖ Settings > Call Settings > Call Forward	
call barring	(🔊A)
Restrict outgoing or incoming calls:	
·●· > ❖ Settings > Call Settings > Call Barring	

features

TTY calls

Set up your phone for use with an optional TTY device:

$\hat{\bullet}$ > ⚙ Settings > Phone Settings > TTY Settings

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:

$\hat{\bullet}$ > ⚙ Settings > Call Settings > In-Call Setup > Active Line

The active line indicator shows the active phone line (see illustration on page 14).

features

fixed dial

When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.

Note: You must enter your SIM PIN2 code to turn fixed dialing on or off. If you forget your PIN2 code, contact your service provider.

Turn fixed dialing on or off:

$\hat{\bullet}$ > ⚙ Settings > Call Settings > Fixed Dialing > On or Off

Use the fixed dial list:

$\hat{\bullet}$ > ▦ Office Tools > Dialing Services > Fixed Dial

service dial

Dial service phone numbers stored by your service provider:

$\hat{\bullet}$ > ▦ Office Tools > Dialing Services > Service Dial

features
quick dial 🔟
Dial phone numbers stored by your service provider:
$\hat{\bullet}$ > 📇 Office Tools > Dialing Services > Quick Dial
DTMF tones
Activate DTMF tones:
$\hat{\bullet}$ > 🐾 Settings > Call Settings > In-Call Setup > DTMF
Send DTMF tones during a call:
Press number keys
hyphenation
Set your phone to add hyphens to phone numbers you enter:
$\hat{\bullet}$ > 🐾 Settings > Call Settings > In-Call Setup > Hyphenation

contacts

For basic contact list features, see your *START HERE* guide.

features
set contact storage location
Note: You can store contacts in phone memory, SIM card memory, or both. Contacts stored on the SIM card can contain only a name and phone number. To set your default storage location:
$\hat{\bullet}$ > 📇 Contacts, press Options > Manage Contacts > Contacts Settings > Default Save Location

features
add new contact
$\cdot\hat{\bullet}\cdot$ > $\blacksquare$ Contacts, press Options > Create New Contact
For a contact stored in phone memory: Press $\cdot\hat{Q}\cdot$ left/right to select the **contact details** tab $\blacksquare$, **address** tab $\square$, **picture ID** tab $\square$, **alerts** tab $\textcircled{1}$, or **notes** tab $\blacksquare$. Press $\cdot\hat{Q}\cdot$ up/down to scroll to information you want to change, then press $\cdot\hat{\bullet}\cdot$ to select it.
set contact list view
Show contacts stored in phone memory, SIM card memory, or both:
$\cdot\hat{\bullet}\cdot$ > $\blacksquare$ Contacts, press Options > View By > Phone & SIM, SIM Card, or Phone Contacts

features
call contact
$\cdot\hat{\bullet}\cdot$ > $\blacksquare$ Contacts, scroll to the contact, press $\textcircled{0}$ to call
Note: If a contact has multiple phone numbers or email addresses, press $\cdot\hat{Q}\cdot$ left/right to select the number or email address you want.
send message to contact
$\cdot\hat{\bullet}\cdot$ > $\blacksquare$ Contacts, scroll to the contact, press Options > Send Message

features

add additional phone number or email address to contact

·●· > 📇 Contacts, scroll to the contact, press Options > Edit Contact, press ·Ọ· left/right to select the **details** tab 🔋

Press ·Ọ· up/down to scroll to an empty Number or Email field, then press ·●· to select it.

Note: This option isn't available for contacts stored on the SIM card.

features

set picture ID for contact

Assign a photo or picture to show in the display when you receive a call from a contact:

·●· > 📇 Contacts > *entry*, press Options > Edit Contact, press ·Ọ· left/right to select the **picture ID** tab 🔳, > *picture*

Note: This option isn't available for contacts stored on the SIM card.

set alert(s) for contact

Assign a distinctive call alert (*ringer ID*) or message alert for a contact:

·●· > 📇 Contacts, scroll to the contact, press Options > Edit Contact, press ·Ọ· left/right to select the **alerts** tab ⓞ, > Call Alert or Message Alert

Note: This option isn't available for contacts stored on the SIM card.

features	features
assign contact to category $\dot{\bullet} >$ 🔲 Contacts, scroll to the contact, press Options > Edit Contact, press $\dot{\bigcirc}$ left/right to select the **details** tab 🗄, > Category **Note:** This option isn't available for contacts stored on the SIM card.	**set alert(s) or picture ID for category** Assign a distinctive call alert (*ringer ID*), message alert, or picture ID for contacts in a specified category: $\dot{\bullet} >$ 🔲 Contacts, press Options > Manage Contacts > Edit Categories > *category*
set category view $\dot{\bullet} >$ 🔲 Contacts, press Options > Filter By You can show contacts in a predefined category (Family, Friends, Work), or contacts in a category that you create (select Create Category).	**create group mailing list** Assign contacts to a group message list or email list: $\dot{\bullet} >$ 🔲 Contacts, press Options > Create New > Message List or Email List **Note:** This option isn't available for contacts stored on the SIM card.

features	**features**
show contact photos Show contacts with picture ID photos, or as a text list: ‹●› > 🔲 Contacts, press Options > Manage Contacts > Contacts Settings > Default View > Thumbnail or List	**synchronize contacts** MOTOROLA™ Synchronize your contact list over-the-air direct to a corporate Microsoft® Exchange 2003 server using MOTOSYNC: ‹●› > 🔲 Contacts, press Options > Manage Contacts > Synchronize For more information, see page 47.
set contact list sort order ‹●› > 🔲 Contacts, press Options > Manage Contacts > Contacts Settings > Default Sort Order > First Name or Last Name	
copy all contacts to SIM card Copy all contacts from phone memory to the SIM card: ‹●› > 🔲 Contacts, press Options > Manage Contacts > Copy All to SIM Card	**send contact to another device** Send a contact to another phone, computer, or device: ‹●› > 🔲 Contacts, scroll to the contact, press Options > Send Contact via > Bluetooth or Message

features

delete contact

⬧ > ▢ Contacts, scroll to the contact, press Options
> Delete Contact

delete multiple contacts

⬧ > ▢ Contacts, press Options > Select Multiple, select
contacts to delete, press Options > Delete

delete all contacts

⬧ > ▢ Contacts, press Options > Manage Contacts
> Delete All Contacts

import vCard

Import contact information from a vCard electronic
business card file stored on your phone.

⬧ > ▢ Contacts, press Options > Manage Contacts
> Import vCard

advanced personalizing

features

language

Set menu language:

⬧ > ✿ Settings > Phone Settings > Language

reminders

Set the reminder alert for event notifications:

⬧ > ✿ Settings > Profiles, press ⬧ left/right to
select the **settings** tab ⬚, > Reminder Alert

clock view

Show an analog or digital clock in the home screen,
or turn off the clock:

From the home screen, press Options > Customize Home
> Clock Style.

features

date view

Show or turn off the date in the home screen:

From the home screen, press Options > Customize Home > Date.

reset settings

Reset default settings for all options **except** the unlock code, security code, and lifetime timer:

⟨●⟩ > ⚛ Settings > Phone Settings > Reset > Reset All Settings

features

delete data

Caution: This option **erases all information you have entered** (including contacts and calendar 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.

This option does **not** delete SIM card information:

⟨●⟩ > ⚛ Settings > Phone Settings > Reset > Delete All Data

features

delete SIM card information

Caution: This option **erases all information you have entered** (including contacts and calendar entries) **and content you have downloaded** (including photos and sounds) stored on your SIM card. After you erase the information, you can't recover it.

⟨●⟩ > �â˜ Settings > Phone Settings > Reset > Delete Memory Cards

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 ⊙. 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.

features	
call times	🔟
See call timers:	
⟨●⟩ > 🔙 Recent Calls, press Options > Call Times	
in-call timer	🔟
Show call time information during a call:	
⟨●⟩ > �â˜ Settings > Call Settings > In-Call Setup > In-Call Timer	
call cost	🔟
See call cost trackers and credit information:	
⟨●⟩ > 🔙 Recent Calls, press Options > Call Costs	

features	
call cost setup	(📶🎵)
Set a credit limit:	
⟨●⟩ > 🔊 Recent Calls, press Options > Call Costs > Call Cost Setup	
data times	(📶🎵)
See data call timers:	
⟨●⟩ > 🔊 Recent Calls, press Options > Data Times	
data volumes	(📶🎵)
See data volume meters:	
⟨●⟩ > 🔊 Recent Calls, press Options > Data Volumes	

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.

features	
auto answer (headset)	(📶📇)
Automatically answer calls when connected to a car kit or headset:	
⟨●⟩ > 📳 Settings > Phone Settings > Headset Settings > Auto-Answer	
voice dial (headset)	(📶📇)
Enable voice dial with headset send/end key:	
⟨●⟩ > 📳 Settings > Phone Settings > Headset Settings > Voice Dial	

network

features

network settings

See network information and adjust network settings:

$\langle\hat{\bullet}\cdot\rangle$ > 💥 Settings > Network

software update

Your service provider can send updated phone software over the air to your phone. When your phone receives a software update, you can install it immediately, or defer installation until later. To install a deferred software update:

$\langle\hat{\bullet}\cdot\rangle$ > 💥 Settings > Phone Settings > Software Update
> Install Now

personal organizer

features

set alarm

$\langle\hat{\bullet}\cdot\rangle$ > 📇 Office Tools > Alarm Clock

Shortcut: From the home screen, press press Options > Set Alarm.

turn off alarm

When the display shows an alarm:

To turn off the alarm, press Dismiss or 🔘.

To set an eight-minute delay, press Snooze.

set calendar default view

$\langle\hat{\bullet}\cdot\rangle$ > 📇 Office Tools > Calendar, press Options
> Calendar Setup > Default View

features

add new calendar event

‑◈‑ > ⌨ Office Tools > Calendar, select the day and the start time, press ‑◈‑, enter event details

You can set a music file, voice note, or video as a calendar event reminder. When creating a calendar event, select Alarm Style > *alarm type*, scroll to the file (or create a new file), press Insert.

see calendar event

‑◈‑ > ⌨ Office Tools > Calendar > *event*

To edit event details, press Options > Edit.

calendar event reminder

When the display shows and sounds an event reminder:

To see reminder details, select Open Event.

To close the reminder, press Dismiss.

features

send calendar event to another device

Send a calendar event to another phone, computer, or device:

‑◈‑ > ⌨ Office Tools > Calendar > *event*, press Options > Share Event via > Bluetooth or Message

manage downloaded files

Manage files and applications that you've downloaded onto your phone from the browser or over a Bluetooth™ connection:

‑◈‑ > ⌨ Office Tools > Download Manager

world clock

Show time and date information for multiple cities around the world:

‑◈‑ > ⌨ Office Tools > World Clock

features

task list

Create a checklist of tasks you need to perform, and set your phone to notify you when task deadlines arrive:

$\dot{\hat{\bullet}}$ > $\textcircled{\tiny{\blacksquare}}$ Office Tools > Task List

notes

Write and store notes on your phone:

$\dot{\hat{\bullet}}$ > $\textcircled{\tiny{\blacksquare}}$ Office Tools > Notes

features

record voice note

$\dot{\hat{\bullet}}$ > $\textcircled{\tiny{\blacksquare}}$ Multimedia > Voice Recorder, press $\dot{\hat{\bullet}}$ to start recording, press Stop to stop recording

To save the voice note, press Save.

To perform various operations on the voice note, press Options.

Note: Recording of phone calls is subject to varying State and Federal laws regarding privacy and recording of phone conversations. Always obey the laws and regulations on the use of this feature.

play voice note

Play back a voice note you've recorded:

$\dot{\hat{\bullet}}$ > $\textcircled{\tiny{\blacksquare}}$ Office Tools > File Manager > Voice Notes
> *voice note*

security

features
calculator
$\langle \hat{\bullet} \rangle$ > $\textcircled{\tiny{\textit{S}}}$ Office Tools > Calculator
currency converter
$\langle \hat{\bullet} \rangle$ > $\textcircled{\tiny{\textit{S}}}$ Office Tools > Calculator, press Options > Set Exchange Rate, enter exchange rate, press Set, enter amount, press Options > Convert Currency

features
SIM PIN
Caution: If you enter an incorrect PIN code three times before the correct code, your SIM card is disabled, and your display shows SIM Blocked.
Lock or unlock the SIM card:
$\langle \hat{\bullet} \rangle$ > $\textcircled{\tiny{\textit{S}}}$ Settings > Security > SIM Lock
lock application
$\langle \hat{\bullet} \rangle$ > $\textcircled{\tiny{\textit{S}}}$ Settings > Security > Application Lock

features

manage certificates

Enable or disable Internet access certificates stored on your phone:

$\dot{\hat{\bullet}}$ > $\color{magenta}\mathbf{\mathscr{V}}$ Settings > Security > Certificates

Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

features

start a game or application

Start a Java™ game or application:

$\dot{\hat{\bullet}}$ > $\color{magenta}\mathbf{\mathscr{Q}}$ Multimedia > Games > game or application

features

airplane mode

Turn off your phone's calling features in locations where wireless phone use is prohibited. This lets you use the music player and other non-network features while you are on an airplane, without interfering with airplane communications.

From the home screen, press Options > Enable Airplane Mode > Yes.

To turn off airplane mode and reactivate your phone's calling features.

From the home screen, press Options > Disable Airplane Mode > Yes.

service and repairs

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

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was ___ W/kg.[1] As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.[2] In this case, the highest tested SAR value is ___ W/kg.[1]

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (**http://www.who.int/emf**) or Motorola, Inc. (**http://www.motorola.com/rfhealth**).

1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

2. Please see the *Safety and General Information* section about body worn operation.

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

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.

IMEI: 350034/40/394721/9

C E 0168

Type: MC2-41H14

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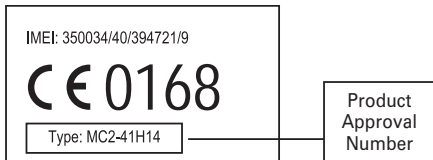
The above gives an example of a typical Product Approval Number.

OPEN SOURCE SOFTWARE INFORMATION

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 you may email your request to **ossmanagement@motorola.com.**

Optionally, you may choose to send your request in writing to:

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

The Motorola website **opensource.motorola.com** also contains information regarding Motorola's use of open source.

Motorola has created the **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:

1 From the phone Main Menu, select **Office Tools**.

2 From **Office Tools**, select **File Manager**.

3 From **File Manager**, select **OpenSource** folder.

4 Highlight **OpenSourceNotices.html** and press **Select**. This will launch the browser and open the notices document.

index

U.S. patent Re. 34,976