TOOLS

stay on top of things
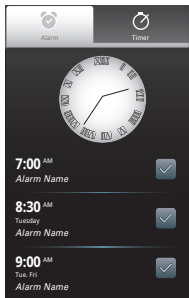
ALARM CLOCK

Find it: ⊙ > 🔞 **Alarm & timer**

To turn on an alarm, touch the check box. When an alarm sounds, drag **Dismiss** to turn it off or touch the screen to snooze.

To add an alarm, touch Menu ⌗ > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.

CALENDAR

Find it: ⊙ > 📅 **Calendar**

Your calendar events can be viewed in different ways: Touch 🖵 **> Show today** > **Agenda**, **Day**, **Week**, or **Month** When you highlight an event in the day and week views, more details appear.

ADD CALENDAR EVENTS

From any calendar view, touch ➕, and enter event details then touch **Save**.

MANAGE CALENDAR EVENTS

To edit an event, touch and hold it. When you're done editing event details, touch **Save**.

To delete an event, touch and hold it then touch **Delete event**.

CALCULATOR

Find it: ◎ > ▦ **Calculator**

Your calculator has two views: basic and advanced. To change your views, touch Menu ⊞ > **Advanced panel** or **Basic panel**.

FILE MANAGER

Use file manager to view documents and files on your phone, microSD memory card or Shared folders.

Find it: ◎ > ▭ **Files**

QUICKOFFICE

Use Quickoffice to view and edit files on your memory card.

Find it: ◎ > ✿ **Quickoffice**

Touch a file or folder to open, or touch and hold a file for options. You can edit most text or spreadsheet files:

• Place your cursor by touching the text.

• Select text by double-touching it.

• Open a keypad, choose formatting, save the file, or choose other options by touching Menu ⊞.

To manage your folders and transfer files, see "**USB, MEMORY CARD & FILE TRANSFER**" on page 48.

ACCESSIBILITY

See, hear, speak, feel, and use. Accessibility features are there for everyone, helping to make things easier.

Note: For general information, accessories, and more, visit www.motorola.com/accessibility

VOLUME & VIBRATE

Find it: Menu ⊞ > **More** > **Settings** > **Sound** > **Volume** or **Vibrate**

Tip: To set separate volumes for calls and notifications (like new messages), choose **Volume** and uncheck **Use incoming call volume for notifications**.

ZOOM

• **Pinch to zoom**: You can pinch to zoom on maps, web pages, and photos: To zoom in, touch the screen with two fingers and then drag them apart. To zoom out, drag your fingers together.

DISPLAY BRIGHTNESS

Find it: Menu ⊞ > **More** > **Settings** > **Display** > **Brightness**

TOUCHSCREEN & KEYS

You can hear or feel when you touch the touchscreen. Touch Menu ⊞ > **More** > **Settings** > **Sound**:

- **Touchscreen**: To hear screen touches (click), select **Audible selection**.
- **Keys**: To feel screen keypad touches (vibrate), select **Haptic feedback**.
- **Screen lock**: To hear when you lock or unlock the screen (click), select **Screen lock sounds**.

MESSAGES

Create, send, and receive text messages, IMs, email, and more.

Find it: ◙ > ▨ Messaging

To make text entry even easier, you can use features like auto-complete, auto-correct, and auto-punctuate—touch Menu 🔠 > **More** > **Settings** > **Language & keyboard**.

APPS

Want more? No problem. Mobile Market provides access to thousands of apps, and many provide useful accessibility features.

Find it: ◙ > 🛒 Mobile Market

BLUETOOTH™ WIRELESS

lose the wires and go wireless

QUICK START: BLUETOOTH WIRELESS

Find it: Menu 🔠 > **More** > **Settings** > **Wireless & networks** > **Bluetooth settings**

Turn on and scan.

Change your device name.

Re-scan.

Connect.
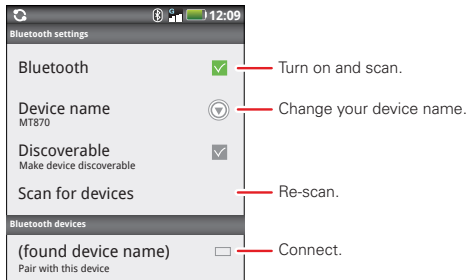
Note: Your phone's Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

TURN BLUETOOTH POWER ON OR OFF

Find it: Menu 🔲 > **More** > **Settings** > **Wireless & networks** > **Bluetooth**

Tip: Turn off Bluetooth power to extend battery life or stop connections. To add a quick switch, touch and hold a blank spot on your home screen, then touch **Motorola widgets** > **Bluetooth toggle**.

CONNECT NEW DEVICES

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, see "**RECONNECT DEVICES**" on page 45.

1 Make sure the device you are pairing with is in discoverable mode.

   Note: Refer to the guide that came with the device for details.

2 Touch Menu 🔲 > **More** > **Settings** > **Wireless & networks** > **Bluetooth settings**.

3 Touch **Bluetooth** to turn on and scan. If Bluetooth is already on, touch **Scan for devices**.

4 Touch a device to connect.

5 If necessary, touch **Pair**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator 🚩 appears in the status bar.

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

RECONNECT DEVICES

To automatically reconnect your phone with a paired device, simply turn on the device.

To manually reconnect your phone with a paired device, touch the device name in the **Bluetooth devices** list.

DISCONNECT DEVICES

To automatically disconnect your phone from a paired device, simply turn off the device.

To manually disconnect your phone from a paired device, touch Menu 🔲 > **More** > **Settings** > **Wireless & networks** > **Bluetooth settings**, then touch and hold the device name in the devices list. Touch **Unpair** to confirm that you want to disconnect.

EDIT PROPERTIES

Touch Menu 🔡 > **More** > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

WI-FI™

home, office, or hotspot

QUICK START: WI-FI

You can use a Wi-Fi connection for even faster Internet access and to download data.

Find it: Menu 🔡 > **More** > **Settings** > **Wireless & networks** > **Wi-Fi settings**

🛜 � 🔋 10:05	
Wi-Fi settings	
Wi-Fi ☑ Connected to (found network name)	— Turn on and off.
Network notification	
Open Network ☑ Notify me when an open network is available	
Secure Network ☑ Notify me when a secure network is available	
Connect to network automati ☑ Set the way of network's connection	
Wi-Fi networks	
(found network name) 🛜 Connected	— Connect.
Add Wi-Fi network	— Manually add a new Wi-Fi network.
Manage Networks	
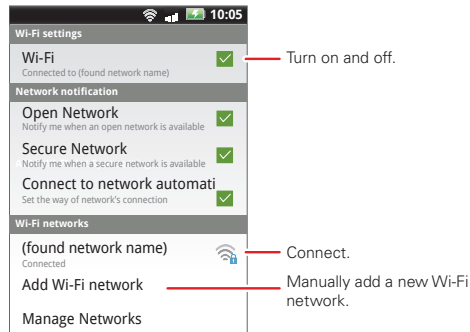
Note: Your phone's Wi-Fi features and power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not

use the Wi-Fi features in France unless you are indoors.

WI-FI SEARCH & CONNECT

To find networks in your range:

1 Touch Menu 🔡 > **More** > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

2 Touch **Wi-Fi** to turn on Wi-Fi.

3 Touch Menu 🔡 > **Scan**. Your phone lists the networks it finds within range.

   Tip: To see your phone's MAC address or other Wi-Fi details, touch Menu 🔡 > **Advanced**.

4 Touch a network to connect.

5 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone is connected to the network, the wireless indicator 📶 appears in the status bar.

When Wi-Fi power is on and your phone finds a network you've used, it automatically reconnects and 📶 appears in the status bar.

Tip: Turn off Wi-Fi power to extend battery life or stop connections. Turn it off and on to search for networks. To add a quick switch, touch and

hold a blank spot on your home screen, then touch **Motorola widgets** > **WiFi toggle**.

MOBILE HOTSPOT

Note: You need to subscribe to Wi-Fi hotspot service to use this feature. Contact your service provider.

You can set up your phone as a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

SETUP

Protect your network, add security to your Wi-Fi hotspot:

Note: Risks can be associated with connecting to the public internet. Your phone allows you to create a 3G Mobile Hotspot, which may be accessible by unauthorized users. It is highly recommended that you use a password and/or other steps to protect your phone from unauthorized access.

**Find it:** Menu 🔡 > **More** > **Settings** > **Wireless & networks** > **Mobile hotspot** > **Mobile Wi-Fi hotspot** > **Configure Wi-Fi hotspot**

Touch a setting to modify it:

- **SSID**—Enter a unique name for your hotspot.

- **Security**—Select the type of security you want: **Open** or **WPA2 PSK**. Enter a unique password. Other

users can access your Wi-Fi hotspot only if they enter the correct password.

Note: Open is highly vulnerable to hacking. **WPA2 PSK** is recommended by IEEE.

• **Channel**—Select a channel that minimizes potential interference. You may need to try different channels after your hotspot is active for a time.

Touch **Save** when the settings are complete.

ACTIVATE HOTSPOT

Find it: Menu ⌗ > **More** > **Settings** > **Wireless & networks** > **Mobile hotspot** > **Mobile Wi-Fi hotspot**

When your Wi-Fi hotspot is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type, and entering the correct **Wireless password**.

USB, MEMORY CARD & FILE TRANSFER

copy photos, music, and more to your phone

USB DRAG & DROP

Note: This feature requires an optional accessory.

You can transfer your pictures, videos, music, ringtones, and more, from your computer to your phone's memory.

1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show 🔌 in the status bar.
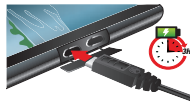
Note: Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

2 Your phone shows a USB connection dialog. Touch **USB Mass Storage**. You can't use the files on your memory card while it is connected.

3 On your computer, use the "My Computer" window to find "Removable Disk".

4 Click on the "Removable Disk" icon to access the memory card.

5 Drag and drop your pictures, videos, music, ringtones, and more, to your phone folder. To help manage your files, you can create more folders in your phone folder.

6 When you're done, use the "Safely Remove Hardware" feature to finish.

MEMORY CARD

Note: You need the memory card installed for some features on your phone, like camera.

MANAGE FILES

Find it: ◎ > ▭ **Files** > **SD card**

Touch a file or folder to open it, touch and hold a file to copy, rename, or delete it.

To manage your folders and move stuff around, use your USB connection. See "**USB DRAG & DROP**" on page 48.

REMOVE OR FORMAT YOUR MEMORY CARD

Before you remove or format your memory card you need to unmount it. Touch Menu 🔡 > **More** > **Settings** > **Storage** > **Unmount SD card**.

To format your memory card, touch **Format SD card**.

Warning: All data on your memory card will be deleted.

VIEW & TRANSFER FILES

You can use Motorola Phone Portal (MPP) to connect your phone and computer with a cable or a Wi-Fi network.

When you connect your phone or type the MPP URL into your computer's browser, you'll see the MPP home screen.

Open your recent activity (**Home**), **Contacts**, **Photos**, **Settings**, **File Manager**, or **Support**.

Open details about your phone's network signal, battery, or memory.
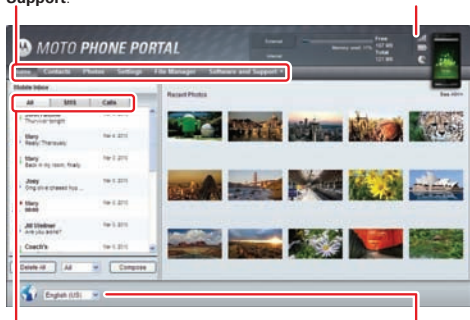
Show **All** recent activity, or only your **SMS** (text messages) or **Calls**.

Choose your language.

Note: MPP works best with Internet Explorer 7 or newer, with Java script and cookies enabled.

CONNECT THROUGH A WI-FI NETWORK

Note: Most public Wi-Fi networks (like the ones at coffee shops) don't let devices connect to each other. In that case, you need a USB cable connection.

1 Touch ◎ > ⬛ **Phone Portal**

2 If your phone is connected to a W-Fi network, it shows an MPP URL. Use a computer on the network to enter the URL in a browser. It opens the MPP home screen!.

http://192.168.1.127:8080
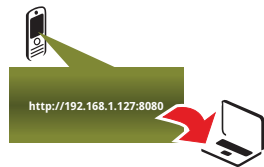
Tip: When your phone's Wi-Fi is on, it automatically reconnects to nearby networks it has used. To turn Wi-Fi on or off, touch Menu 🔡 > **More** > **Settings** > **Wireless & networks** > **Wi-Fi**

If your phone is not connected to a Wi-Fi network, it asks you to connect. Touch **OK** to open the Wi-Fi settings screen, then turn on **Wi-Fi** and touch a network to connect.

For network passwords, ask other network users or administrators. For your phone's MAC address and Wi-Fi details, touch Menu 🔡 > **Advanced**.

When your phone is connected (📶 appears in the status bar), touch Back ⤺ to close the settings. Soon, MPP shows a URL at the bottom of your screen. Using a computer on the same Wi-Fi network, just type the URL into the browser to open the MPP home screen.

CONNECT THROUGH A USB CABLE

1 Turn on your phone and computer, and connect them with a USB-to-micro USB cable.

Your computer might guide you through installing Motorola drivers.

2 Once your computer has the correct Motorola drivers, it opens the MPP home page in your browser. A Motorola icon Ⓜ appears in your task bar, in the lower right of your computer screen.

If you have Motorola MediaLink, it will launch instead of MPP. To use MPP, right-click Ⓜ in your task bar, select "when the phone connects, launch," and choose MPP. Disconnect and reconnect your phone to launch MPP.
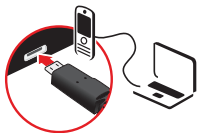
MANAGEMENT

stay in control

WIRELESS MANAGER

Find it: Menu 🎛 > **More** > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi™, Bluetooth™, and airplane mode.

Shortcut: Press and hold Power ⓪ to see the power menu—from here you can set airplane mode, as well as turn the phone off.

AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press and hold Power ⓪, then touch **Airplane mode**.

Note: When you select airplane mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in airplane mode. Emergency calls to your region's emergency number (e.g., 911) can still be made.

UPDATE YOUR PHONE

To keep your phone current, software updates may be available. Touch Menu [⚏] > **More** > **Settings** > **About phone** > **System updates** to see if your phone is up to date. If it isn't, touch **Update**.

NETWORK

You should not need to change any network settings. Contact your service provider for help.

Touch Menu [⚏] > **More** > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

Note: To make any call, including an emergency call, the network setting for your phone needs to be the same as the local wireless network. For example, in Europe, set the phone's network to GSM.

SECURITY

help keep your phone safe

QUICK START: SECURITY

Find it: Menu [⚏] > **More** > **Settings** > **Location & security**

You have lots of ways to keep your phone safe.
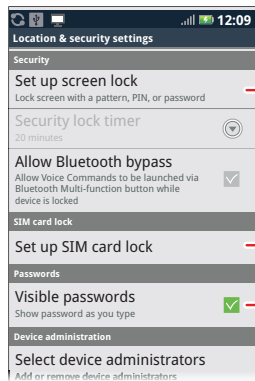
Set a pattern, PIN or password to unlock your phone.

Lock your SIM card.

See the passwords you enter.

You can set a pattern, PIN, or password to prevent unauthorized access to your phone.

SCREEN LOCK

Note: You can make emergency calls on a locked phone ("**EMERGENCY CALLS**" on page 16). A locked phone still rings, but you need to unlock it to answer.

Lock the screen in the following ways:

- Press Power ⏻.
- Let the screen time out (don't press anything).
- Switch the power off.

To unlock the screen, press Power ⏻.

LOCK PATTERN

To set the lock pattern, touch Menu 🔲 > **More** > **Settings** > **Location & security** > **Set up screen lock** > **Pattern**.

Follow the instructions to draw your lock pattern.

When prompted, draw the pattern to unlock the phone.

PASSCODE OR PIN LOCK

To set the passcode or PIN, touch Menu 🔲 > **More** > **Settings** > **Location & security** > **Set up screen lock** > **Password** or **PIN**.

Enter password or PIN, then confirm it.

When prompted, enter the password or PIN to unlock the phone.

LOCK YOUR SIM CARD

ENABLE CARD PIN CODES

To lock your SIM card (the next time you power up the phone you will need to enter your PIN code), touch Menu 🔲 > **More** > **Settings** > **Location & security** > **Set up SIM card lock** > **Lock SIM card**. Enter the card's PIN code when prompted.

**Caution:** If you enter an incorrect PIN code three times, the phone locks your call card and asks for your PIN unlock code (PUK code). Enter your PUK code when prompted. If you don't remember your PUK code, contact your service provider.

CHANGE CARD PIN CODE

To change your **PIN** code, touch Menu 🔲 > **More** > **Settings** > **Location & security** > **Change SIM PIN**.

RESET

To reset your phone to factory settings and erase all the data on your phone, touch Menu 🔲 > **More** > **Settings** > **Privacy** > **Factory Data Reset** > **Reset phone**.

Warning: All downloaded apps and user data on your phone will be deleted. Data on your memory card will not be deleted.

TROUBLESHOOTING

we're here to help

CRASH RECOVERY

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery ("**ASSEMBLE & CHARGE**" on page 3), then replace and turn on your phone as usual.

SERVICE & REPAIRS

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

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Safety, Regulatory & Legal

Battery Use & Safety

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

DON'Ts

• **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
• **Don't let the mobile device or battery come in contact with water.*** Water can get into the mobile device's circuits, leading to corrosion. If the mobile device and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
• **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
• **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak, or malfunction.
• **Don't dry a wet or damp battery with an appliance or heat source**, such as a hair dryer or microwave oven.

DOs

• **Do avoid leaving your mobile device in your car in high temperatures.***
• **Do avoid dropping the battery or mobile device.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
• **Do contact your service provider or Motorola if your mobile device or battery has been damaged from dropping or high temperatures.**

* Note: Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

• Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
• If there is no hologram, the battery is not a Motorola battery;
• If there is a hologram, replace the battery and try charging it again;
• If the message remains, contact a Motorola authorized service center.

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

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

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

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

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

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

Battery Charging

Notes for charging your product's battery:

• During charging, keep your battery and charger near room temperature for efficient battery charging.
• New batteries are not fully charged.
• New batteries or batteries stored for a long time may take more time to charge.
• Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction. Using a mobile device or accessory may be prohibited or restricted in certain areas, always obey the laws and regulations on the use of these products.

While driving, NEVER:
• Type or read texts.
• Enter or review written data.
• Surf the web.
• Input navigation information.
• Perform any other functions that divert your attention from driving.

While driving, ALWAYS:
• Keep your eyes on the road.
• Use a handsfree device if available or required by law in your area.
• Enter destination information into a navigation device **before** driving.
• Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
• Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
• End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart Practices While Driving" in this guide and at www.motorola.com/callsmart (in English only).

Seizures/Blackouts

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

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

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

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

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

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

For more information about hearing, see our Web site at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.
[Nov0109]

Small Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:
• A choking hazard may exist for small, detachable parts.
• Improper use could result in loud sounds, possibly causing hearing injury.
• Improperly handled batteries could overheat and cause a burn.

Glass Parts

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

Operational Warnings

Obey all posted signs when using mobile devices in public areas.

Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

Symbol	Definition
⚠	Important safety information follows.
⊗	Do not dispose of your battery or mobile device in a fire.
♻	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
⊠	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
⌂	For indoor use only.
⚠	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.
- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Implantable Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

- Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

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

Follow Instructions to Avoid Interference Problems

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

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

Implantable Medical Devices

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

Persons with implantable medical devices should observe the following precautions:

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

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Specific Absorption Rate (IEEE)

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

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

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

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is **0.64** W/kg and when worn on the body, as described in this guide, is **1.56** W/kg . Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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.

FCC Notice to Users

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

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

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).

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.

GPS & AGPS

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

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

Your Location

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

Emergency Calls

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

AGPS has limitations and **might not work in your area**. Therefore:
• Always tell the emergency responder your location to the best of your ability; and
• Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

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

Navigation

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the

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

Smart Practices While Driving

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

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

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

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

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

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

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

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

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

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

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

• **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

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

• **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.

• **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.

• **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.
Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

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

• **Applications**—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.

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

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

Use & Care

To care for your Motorola mobile device, please observe the following:

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

extreme heat or cold
Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F)

microwaves
Don't try to dry your mobile device in a microwave oven.

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

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

shock and vibration
Don't drop your mobile device.

protection
To help protect your mobile device, always make sure that the battery compartment and any connector covers are closed and secure.

Recycling

Mobile Devices & Accessories

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

Packaging & Product Guides

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

Software Copyright Notice

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

Content Copyright

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

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 send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.
MOTOROLA MOBILITY, 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 website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please touch Menu Key > **More** > **Settings** > **About phone** > **Legal information** > **License**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its mobile telephones ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories"), and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new 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.
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.

Products Covered	Length of Coverage
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 (Products and Accessories)
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)
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	1-800-734-5870
Canada	1-800-461-4575
TTY	1-888-390-6456

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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