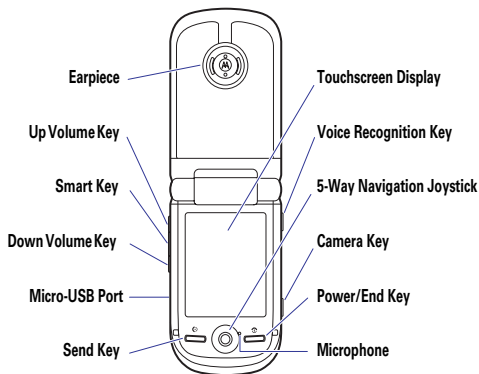MOTOMING™ **A1600**

Getting Started Guide

HELLOMOTO

Introducing your new Motorola A1600 touchscreen phone. It gives you so much and with a sleek design it's sure to get attention!

- **Connect on So Many Levels**—Stay connected with voice (page 9), text messaging (page 17), e-mail (page 30).

- **Where You Are and Where You're Going**—Use the MotoNav GPS personal navigation system (page 28) to help you get to where you want to go.

- **Camera**—Capture the moment with photos (page 20) and video (page 22).

- **Rich Music Experience**—Use the RealOne player (page 19) to watch your music videos.

Note: Before using the phone for the first time, review the *Important Safety and Legal Information* in the back of this guide. Periodically review this information so you remember how to safely use your phone.

Introducing your new Motorola A1600 wireless phone.

Earpiece

Touchscreen Display

Up Volume Key

Voice Recognition Key

Smart Key

5-Way Navigation Joystick

Down Volume Key

Camera Key

Micro-USB Port

Power/End Key

Send Key

Microphone

Tip: Use the *joystick* ·● to **select menu options** and **navigate** up, down, left, and right.

Note: All the illustrations, simulated screen and related images used in this manual are for reference only. There may be slight difference between the handset and keys and content of display used in this manual and those of your handset. Please refer to your handset for actuality.

contents

Note: The functions available on this handset may vary in different regions and nations. Please contact your local customer service centres, agencies or retailers if you have any question about the handset functions. Motorola reserves all rights to revise and change this user's manual without obligation to notify any person of such revisions or changes.

menu map

main menu

🎧	**Calls**	🚀	**Bluetooth®**
📧	**Email**	📥	**Sync**
📅	**Calendar**	📇	**STK**[*]
✅	**Tasks**	🕐	**Time**
📝	**Notes**	△	**Viewer**
🧮	**Calculate**	📇	**Business Card Reader**
⏰	**Alarm**	📻	**FM Radio**
📁	**File Manager**	🔳	**Google**
◯	**Browser**	🔍	**OCR**
💬	**Player**	📖	**Talking Dictionary**
📷	**Camera**	🛰	**AGPS & GPS**
🎙	**Recorder**	🔲	**SUI**
📹	**Video**		
📷	**Photo Editor**	This is the standard main menu layout.
⚙	**Setup**	* optional features
	• (see next page)	* indicates network or subscription-dependent features
🔌	**Modem**	

5

setup menu

- **Ringer Alert Style**
- **Wallpaper**
- **Color Scheme**
- **Text Size**
- **Language**
- **Voice Command**
- **USB Mode**
- **Input Setup**
- **Screen Calibration**
- **Backlight Setup**
- **Power Management**
- **Home Screen Setup**
- **Data Network**
- **Security**
- **Master Reset**
- **Master Clear**

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

* indicates network or subscription-dependent features

get started

insert SIM card

❶   **❷**
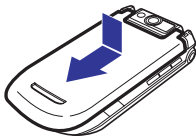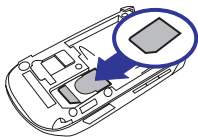
insert memory card

❶   **❷**

❸

insert battery

❶   **❷**
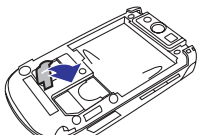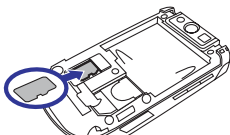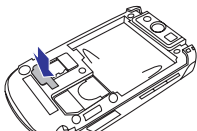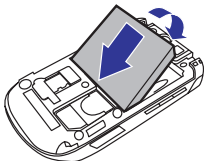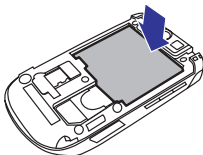
charge your battery

New batteries are not fully charged. Plug the battery charger into your phone and an electrical outlet. Your phone may take several seconds to start charging the battery. When finished the battery icon on the status bar stops flashing and indicates the battery is fully charged.
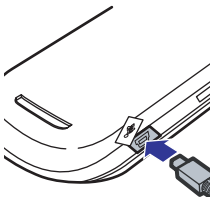
get started

turn it on & off

To turn on your phone, press and hold 🔲 for a few seconds or until the display lights up.

To turn off your phone, press and hold 🔲 for a few seconds.
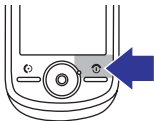
make a call

To make a call, tap 🔴 on the upper right corner of the screen to open the phone keypad. Tap the keypad keys to enter the phone number, then tap **Call** or press 🔲.

Tap **End** or press 🔲 to end the call.

answer a call

To answer a call when your phone rings and/or vibrates, tap **Answer** or press 🔲. **To hang up,** tap **End** or press 🔲.

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

basics

display

When you turn on your phone, the *home screen* appears.

Note: Your home screen might look different from the one shown, depending on your service provider.

Status Bar

Tap 🗓 to open the calendar.

No Meetings

[ ] 10:13

Global Navigation Bar

Tap 🔔 to set a ring alert profile.

Service Provider
02-07-2008
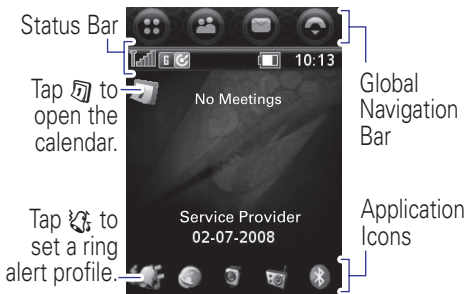
Application Icons

basics

global navigation bar

Icons in the top *global navigation bar* give you easy access to your phone's main functions:

🟦	Application Launcher
🟦	Address Book
🟦	Messages
🟦	Phone

application launcher

On the home screen, tap 🟦 to open the *application launcher* screen. Tap ▲ on the *button bar* at the bottom of the screen to choose all applications or only a selected category. Tap an icon to select it.

basics

button bar

The *button bar* at the bottom of the application launcher screen shows functions you can select in the active application. Typical buttons include:

☰	Menu	Tap to open context sensitive menu.
↩	Return	Tap to return to previous screen.
✕	Exit	Tap to exit current application.

status bar

The status bar is just below the global navigation bar at the top of the screen and indicates the current status of your phone.

The status bar indicates signal strength, network connection type, memory card (when fitted), Bluetooth (when on), FM radio (when on), battery charge level and time.

basics

emergency calls

Tap 📞 on the **global navigation bar** to open the phone keypad, then enter the emergency number using the numeric keypad. Tap **Call** to make the call.

Your service provider programs one or more emergency phone numbers, such as 999, that you can call under any circumstances, 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 phone for essential communications, such as medical emergencies.

personalize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events.

To personalize your profile:

Tap ⊕ > 🎇 Setup > Ringer Alert Style > Edit.

Shortcut: To change your ring style profile from the **home screen**, tap the Ringer Alert Style icon 𝒬 to access the profile edit menu.

wallpaper

Choose your display background image:

Tap ⊕ > 🎇 Setup > Wallpaper.

color scheme

Choose the colors that your phone uses for buttons, highlights, and the status bar:

Tap ⊕ > 🎇 Setup > Color Scheme.

personalize

home screen shortcuts

In the home screen, you can use the application icons as **shortcuts** to your favorite features. You can change the features that these keys open.

Tap ⊕ > 🌽 Setup > Home Screen Setup to select your favorite features. Tap Save to apply your settings to the home screen display.

application menu

To view your **application menu** either as graphic icons or a text-based list, tap ⊕ > ☰ > List View or Thumbnail View.

store a phone number

❶ Tap 😊 in the global navigation bar to open the address book.

❷ Tap ☰ > New Contact.

❸ Tap each field as needed to enter contact details. Pull down the scroll bar to see additional fields.

❹ When you are finished entering information, tap Done to store the contact.

call a stored phone number

❶ Tap 😊 in the global navigation bar to open the address book.

❷ Tap a contact name to see the details.

❸ Tap the phone number to call the contact.

Tip: During a call, tap Spkr to turn the handsfree speakerphone on or off.

messaging

send a text message

❶ Tap 💬 in the global navigation bar to go to the message center.

❷ Tap Compose.

❸ Tap anywhere in the **message area** and then tap the **text entry drop down menu** at the bottom of the screen to select an entry method.

Shortcut: Tap ☰ > Load > Quick Text to insert a pre-written text selection.

❹ When you have finished, tap ⌨ in the lower right corner of the screen to hide the **text entry keyboard** or **pad**.

❺ Tap To to select contacts from your address book, or tap on the line in the To field to enter a number or e-mail address.

Tip: Tap ☰ to see more messaging options.

❻ Tap Send to send the message.

text entry

Text entry methods:

- Keyboard (language specific), tap to enter words in the message area

- Numeric pad, tap to enter numbers in the message area

- Handwriting, use the stylus as a pen to write letters, numbers, and punctuation directly on the screen

- Symbol pad, tap %#+ with any text entry method to open the symbol pad, to enter a symbol.

receive a text message

Your phone shows a new message icon ❶ in the global navigation bar to notify you of a new message. Tap **Read** to read the message or tap **Cancel** to read the message later.

entertainment

play music and videos

❶ Tap 😳 > 𝝔 to launch the RealOne media player.

❷ Tap **All Audio**, **All Video**, or another media category to show the list of files in that category.

   Tip: Tap 🔎 and enter a keyword to search for a specific file by name.

❸ Tap the checkbox ☐ beside items you want to play. Then tap **Play selected**.

The media player displays the name, media type, and length of the track that is playing. Tap:

- ⊙ to play and ⑪ to pause.
- ⊛ to play previous track or ⊛ to play the next track.
- ⊛ to adjust or mute sound volume.

photos & videos

take photos

Your camera lens is on the back of your phone. **To get the clearest pictures, wipe the lens clean with a soft, dry cloth before you take a picture.**

❶ Press 🖻 to activate the camera.

Tip: Use the side bar icons to adjust resolution.

❷ Tap **Capture** to take the photo. Choose **Share**, **Save** or **Delete**.

❸ To view and edit photos, tap 🌚 > 🧷 to open the photo editor.

edit photos

Use the photo editor to edit photos and images stored on your phone, or create new drawings or illustrations. Tap 🧷 **Photo Editor** in the application launcher screen to launch the photo editor. To edit an existing photo or picture, tap **Open file**. Then select the picture you want to open and tap **Open**.

photos & videos

Tap a button in the toolbar to the right of the screen to perform the following editing tasks:

- Tap ⬆️ or ↪️ to rotate the photo.

- Tap ⊞ to crop a portion of the photo. Tap and drag the bounding box to outline the crop borders. Tap and drag a bounding box edge or corner to resize the bounding box.

- Tap ◐ to adjust brightness and contrast.

- Tap ▣ to automatically optimize the color levels.

- Tap ▣ to insert a frame around the photo.

Tap ☰, then tap **More Edit** to perform these additional editing actions:

- Tap **Draw** to draw on the photo.

- Tap **Add Text** to place text on the photo.

- Tap **Add Clipart** to add preformatted clip art.

- Tap **Effect** to generate effects such as sharpen, blur, negative and so on.

- Tap **Color** to adjust color levels as desired.

- Tap **Resize** to resize the photo for various display formats.

photos & videos

record videos

❶ Tap ⊕ > 🎥 to activate the video recorder.

❷ Tap **Record** to capture a video, **Done** to end recording.

❸ Choose **Share**, **Save**, or **Delete**.

❹ To view videos, tap ⊕ > ⊘ to start the player.

Note: For more information on photos and videos, refer to the *User's Guide*.

FM radio

You can use your phone to listen to FM radio stations when an optional Motorola Original™ standard headset or stereo headset is plugged into the phone's headset jack.

Note: You can't listen to the FM radio using a Bluetooth wireless headset.

To activate the FM radio from the application launcher screen, tap 📻 **FM Radio**.

tune a station

Tap ⏮ or ⏭ to go to the previous or next active FM station.

Tap 🔍 or 🔍 to go to the previous or next frequency setting.

use preset channels

Tap 🔖 to assign a channel number to the current tuned station. Tap ⏴ or ⏵ to select the previous or next channel.

FM radio

adjust radio settings

Tap the volume slider or press the volume side keys to adjust the radio volume.

Tap ⌀ or ⍜ to mute or unmute the radio.

Tap **Hide** to hide the radio when you want to use the display for other applications. The radio continues to play.

Tap ☰ to edit or clear radio channels, play the radio through your phone's internal speaker, or set the radio to play mono or stereo sound.

voice recorder

You can record personal messages and phone calls on your phone.

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.

make a recording

Shortcut: With the phone flip open, press and hold the voice recognition key to activate the voice recorder.

To activate the voice recorder from the application launcher screen, tap ◖◗ **Recorder**.

❶ Tap ⊙ to start recording.

❷ Speak into the phone.

❸ Tap ◉ to stop recording. The voice record is automatically saved to the **MyAudio** folder on your phone.

❹ To play back the voice record you just made, tap ⊙. To stop playback, tap ◉.

voice recorder

play a recording

❶ Tap 🎤 **Recorder** in the application launcher screen to activate the recorder.

❷ Tap ☰, then tap **Open** to open the **MyAudio** folder.

❸ Tap the voice record you want to play, then tap **Open** to play it.

Tip: The voice record name identifies the date and time when the file was recorded. The recording date and time also appears when you play the voice record.

change voice record storage location

❶ Tap ☰, tap **Setup**, then tap the folder tree icon 📁 in the **Location** field.

❷ Select a folder, then tap **OK** to set it as the new storage location.

❸ Tap **Save** to save the new storage location.

Bluetooth®

use Bluetooth

Your phone supports Bluetooth® wireless connections. You can connect your phone with a Bluetooth headset to make handsfree calls, connect to a phone, or computer.

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.

use a headset or handsfree car kit

❶ Tap **⊕** > **⊗ Bluetooth** > **☰** > **Turn On**.

❷ Tap **Search** to search for Bluetooth devices.

❸ Select the device from the list shown and tap **Bond**.

❹ If necessary, enter the PIN code to create a secure connection with the device.

MotoNav GPS

MotoNav GPS is a mobile personal navigation system that helps you plan your route and provides interactive guidance to your destination.

navigate to your destination

To use MotoNav to get to your destination:

1 Read the map information, then tap OK.

2 Read the GPS and aGPS information, then tap OK.

3 Tap ☾ and then enter your destination using one of these options in the main MotoNav menu:

- Tap **City-street**, enter an address or select from the list.

- Tap **Favorites**, tap the group, then tap the destination.

- Tap **History** to select a previously navigated address.

4 Tap Go to find a route from your current location to your destination.

5 Follow the MotoNav visual and voice prompts.

MotoNav GPS

add favorite places

You can personalize MotoNav by saving lists of your frequently-visited destinations. To see your groups of favorite places, from the main MotoNav menu tap $\circlearrowleft$ then **Favorites**. Then tap $\equiv$ and tap **Add Group** or **Delete Group** to update your lists of favorites.

view GPS maps

You can view and search GPS maps to show your location and destination. From the main MotoNav menu, tap $\circlearrowleft$ then **Map** to show the map for your current location. From the current map, tap $\boxed{\text{Q}}$ to find a map for a different location.

For more information, please refer to the MotoNav User Manual.

email

Note: You must set up your email mailbox before you can send and receive email messages. Usually, your service provider has already set up the email mailbox for you. If not, contact your service provider to get these settings.

send an email

You can send an email message to one or more recipients. You can manually enter each recipient's email address, or select addresses from the address book.

To compose and send an email message:

1. Tap 📧 **Email** in the application launcher screen.

2. Tap ☰, then tap **New Email** to open the email.

3. Tap the direct line in the **Subject** field to enter a subject for the message.

4. Tap the message field, then tap the text entry method drop-down menu at the bottom of the screen and select an entry method to enter text in the message field. When you are finished, tap ⌨️✕

in the lower right corner of the screen to hide the
text entry keyboard or pad.

❺ Tap **To** to select contacts from your address book, or
tap the direct line in the **To** field to enter an email
address.

❻ Tap **Send** to send the message.

receive an email message

Email messages that you receive are stored on
your service provider's email server until you
download them to your phone.

Tap ✎ **Email**, then tap **Send/Rec.** to download new received
messages to your phone.

When you download an email message:

- Tap ❶ to see message details.

- Tap the message to read it.

- Tap **Reply** to send an email reply to the message.

browser

The browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.

start a browser session

Tap ◯ **Browser** in the application launcher screen to start the browser.

If you are unable to establish a network connection with the browser, contact your service provider.

interact with web pages

Pull down the scroll bar to scroll through a text page or option list. Tap an option to select it. Tap ↩ at any time to return to the previous screen.

Tap ☰ to perform various browser operations. The browser menu can include the following options:

options	
Go To Page	Enter a Web address (URL) to go to a Web site.

browser

options	
Home	Go to the homepage of the current Browser profile.
Bookmarks	See a list of your bookmarks. Tap ☰ to add a **New** bookmark, or **Open**, **Edit**, **Delete**, or **Share** the highlighted bookmark.
History	See a list of Web sites you have visited. Tap ☰ to **Open** or **Delete** the highlighted Web site.
File	**Save** a file or **Save All** files in the browser window, **Copy** a file, tap **About Opera** to see browser information.
View	Set browser view to **Fit to Screen** or **Full Screen**, set text size to **Small**, **Medium**, or **Large**, zoom in or out on the Web page, or select a **Custom Zoom** setting.

browser

options	
Active Pages	Bookmark the active page, show the security level, or change encoding of the active page.
Setup	Add and edit browser profiles, adjust browser preferences, show SSL and WTLS certificates, empty the cache, and delete cookies.

download files

You can download a file, game, or application from a Web page onto your phone by selecting its link.

You must specify the location where you want to save the file, and your phone must have sufficient memory storage space to store the file.

You can purchase games, applications, and multimedia content for your phone. In most cases, you can download and preview content before you purchase it. After previewing the content, you can choose to discard it, or purchase it and install it on your phone.

browser

Notes:

- Call charges apply during download sessions.

- Some games might make your phone vibrate. Some ring tones vibrate automatically. If you use one of these tones, your phone vibrates even when it is not set to a vibrate ring style.

accessories

H12 Bluetooth® Headset

S605 Bluetooth® Stereo Headset

H735 Bluetooth® Headset

H680 Bluetooth® Headset

P513 Car Charger

Car Phone Holder

* Accessory may not be included when phone purchased.

Legal and Safety Information

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

Software Copyright Notice

Manual Number: 6887571Z38

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 phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your carrier or contact Motorola, even if they appear to be working properly.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.

DOs

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

IMPORTANT: USE MOTOROLA ORIGINAL PRODUCTS FOR QUALITY ASSURANCE AND SAFEGUARDS. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

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

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.

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

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

PROPER AND SAFE BATTERY DISPOSAL AND RECYCLING

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

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

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

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

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 mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.78 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's guide.[2] In this case, the highest tested SAR value is 0.25 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 "handsfree" device to keep the mobile phone away from the head and body.

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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

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

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

IMEI: 350034/40/394721/9

CE 0168

Type: MC2-41H14

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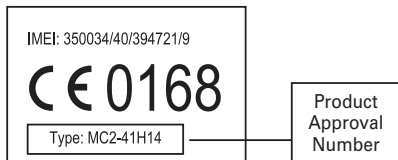
The above gives an example of a typical Product Approval Number.

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

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:

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 view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please select "**Legal Notices**" on the phone.

1 Tap the ⊕ application launcher icon.

2 Tap the ☰ menu icon.

3 Tap Legal Notices.

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Energy

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

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

Product Operation

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—or if you hang your mobile device from a lanyard around your neck—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.hk**.

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.

Driving Precautions

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

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

Responsible driving practices can be found in the "Smart Practices While Driving" section in this guide (or separate guide).

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.

Symbol	Definition
	Do not throw your battery or mobile device in the trash.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "battery use & safety" section in this guide.

Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to children. For example:

• A choking hazard may exist for small, detachable parts.

• Improper use could result in loud sounds, possibly causing hearing injury.

• Improperly handled batteries could overheat and cause a burn.

Glass Parts

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

Seizures/Blackouts

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

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

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

Repetitive Motion

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

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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.

extreme heat or cold

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

microwaves

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

dust and dirt

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

cleaning solutions

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

the ground
Don't drop your phone.

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.

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Information from the World Health Organization

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

Source: WHO Fact Sheet 193

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

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

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

Disposal of your Mobile Device Packaging and User's Guide

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

Privacy and Data Security

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

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in the user's guide.

    Note: For information on backing up your mobile device data before erasing it, go to **www.motorola.com.hk** and navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."

- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

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

Smart Practices While Driving

Drive Safe, Call Smart

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. 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 and redial.** If available, these features help you to place your call without taking your attention off the road.

  - **When available, use a handsfree device.** If possible, add an additional layer of convenience to your 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 999 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*
- **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 999 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

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* Wherever wireless phone service is available.

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

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1. The feature detailed here may be a network, subscription and SIM card or service provider dependent feature and not available in all areas.
2. Bluetooth™ headset and its accessories are optional accessories. Accessory that may not be included with phone purchase.

   Notes: The functions available on this handset may vary in different regions and nations. Please contact your local customer services centres, agencies or retailers if you have any question about the handset functions.
   The pictures and simulated screenshots are enhanced to show details for ease of reference. Please refer to your handset for actuality.

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