INSTRUCTION MANUAL

A representative version of the user's manual follows:

Exhibit 8

MOTO™ W845

Getting Started Guide

congratulations!

Congratulations on your new **MOTO**™ W845 CDMA wireless phone! Its rugged, sporty design fits your energetic lifestyle.

Take pictures and video in a snap with the 1.3 megapixel camera with 4x digital zoom. Listen to your favorite music with the digital music player, and watch your music come to life with stunning visual effects.

We've crammed all of the main features of your phone into this handy guide, and in a matter of minutes we'll show you just how easy your phone is to use. So go on, check it out, and put your phone to work.

more information

To learn even more about your phone and accessories, go to **www.motorola.com/support**.

Caution: Before using your phone for the first time, please read the important **Safety & Legal** information at the back of this guide (page 63).

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this guide

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

contents

your phone

the important keys & connectors

Left Soft Key

Volume Keys

Camera Key 📷

Push To Talk Key

Send Key 📞
Make & answer calls.

Micro USB Connector
Charge & connect to PC.

Navigation Key ·Ö·
Scroll up/down/left/right.

Right Soft Key

Voice Key

⬅ Clear/ Back Key

Speaker Key

⬛ Power/ End Key
Turn on/off, hang up, exit menus.

2.5 mm Headset Jack

·●· **Center Key**
Open menu & select.

main menu

Phonebook
- New
- Contact List
- Groups
- Speed Dial

Multimedia
- Music & Sounds
- Camera
- Pictures
- Camcorder
- Videos
- Storage Device

Settings
- (see next page)

@metro

MetroWEB

Messaging
- Inbox
- Create Message
- Conversations
- Email
- IM
- Voicemail
- Outbox
- Drafts

Tools
- Voice Commands
- Datebook
- Alarm Clock
- World Clock
- Calculators
- Notepad
- Stopwatch

Phone Info
- My Number
- SW/HW Version
- Icon Glossary

Recent Calls
- Received Calls
- Missed Calls
- Dialed Calls
- All Calls
- Timers

Datebook

Music Player

Ringtones

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

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settings menu

- **Sounds**
  - Call Ringtone
  - Message Ringtone
  - Voicemail Ringtone
  - Ring & Vibrate
  - Alert Reminders
  - Service Alerts
  - Power On/Off
  - Voice Readout
  - Keypad Volume
  - Volume Sidekeys

- **Display**
  - Banner
  - Backlight
  - Brightness
  - Wallpaper
  - Skins
  - Clock Format

- **Phone**
  - Airplane Mode
  - Shortcuts
  - Widgets *
  - Language
  - Location
  - Security
  - Network Selection
  - Active Line *
  - Text Learning

- **Call**
  - Answer Options
  - Auto Retry
  - TTY Setup
  - One Touch Dial
  - Int'l Dialing
  - DTMF Tones
  - Hearing Aid

- **Bluetooth**
  - Add New Device

- **USB**
  - Mass Storage
  - Modem/COM

- **Storage Device**
  - Save Options **
  - Phone Memory
  - Memory Card **

- **Phone Info**

* Optional and/or network dependent feature. Not available in all areas.

** Available only when optional microSD memory card is installed.
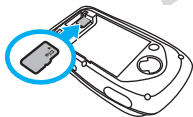
let's go

let's get you up & running
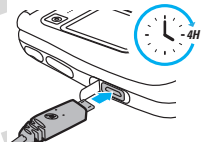
❶ unlock cover:

❷ cover off:

❸ microSD:

❹ battery:

❺ cover on & lock:

❻ charge:

4H

Caution: See **Battery Use & Safety** (page 63).

basics

here's a few essentials

turn it on & off

Press and hold 🔲 for a few
seconds or until the screen lights
up.

make & answer calls

To **make a call**, enter a phone
number and press 🔲.

To **answer a call** when your
phone rings and/or vibrates, just
open the flip or press 🔲.

During a call, you can press Mute, Spkr On, or press Options to
select other in-call options (page 14).

end a call

To **hang up**, close the flip or
press 🔲.

menu navigation

Press the *center key* •$\dot{\bullet}$• to open the main menu.

Press the *navigation key* •$\dot{O}$• up, down, left, or right to highlight a menu option.

Press •$\dot{\bullet}$• to select the highlighted option.

If necessary, press $\Box$ to return to the home screen.

basics

store contacts

❶ Enter a phone number in the home screen.

❷ Press Save.

❸ Highlight Create New Contact, and press ⬤.

❹ Set the number type (Mobile 1, Mobile 2, Home, Work, or Fax), and press ⬤.

❺ Enter contact details, and press Save.

call or text contacts

Find it: ⬤ > 📱 Phonebook > Contact List

❶ Highlight the contact.

   Shortcut: To jump to a contact, enter the first few letters of the name.

   If a contact has more than one number, scroll left or right to choose a number.

❷ To **call**, press ▬.

   To **send a text message**, press Send Msg.

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home screen

quick access to the information you need most

The *home screen* appears when you turn on the phone, or when you press ⊟. Status indicators appear at the top of the home screen:

Signal Strength — **T.⁴ ₁ᵥ** ⊕ **▥** — Battery Level

EVDO & 1xRTT Coverage

Location On

Wed 10/15/10 12:15 pm
Service Provider

Press ·ö· up, down, left, or right to open shortcuts.

Contacts   Menu   @metro

Left Soft Key

Press ·●·
to open the
main menu.

Right Soft Key
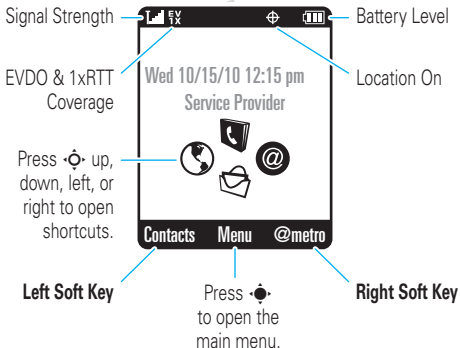
Tip: For a description of the status indicators that can appear on your phone, press ·●· > ▤ **Phone Info** > **Icon Glossary** > **Status Bar**.

calls

it's good to talk

For the basics, see page 9.

redial a number

From the home screen, press ▭ to see **All Calls**. Scroll to a number, and press ▭ to call it. Press •♦• to view call details.

go handsfree

To **activate the speakerphone** during a call, press the speaker key (page 5) on the side of your phone. The phone plays an audible alert, and shows 🔊 and Speaker Phone On.

To **turn off the speakerphone**, press the speaker key again. Your phone shows Speaker Phone Off.

Note: You can also use **headsets or car kits** with a 2.5 mm wired connection (page 5) or Bluetooth® wireless connection (page 50). The speakerphone won't work when your phone is connected to a handsfree headset or car kit.

calls

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

in-call options

features
mute a call
Press Options > Mute
start a 3-way call
Dial the next number and press ▣, then press ▣ again.
To dial a **contact**, press Options > Contacts.
To dial a **recent call**, press Options > Recent Calls.
connect/disconnect a Bluetooth® headset
Press Options > Bluetooth.
read or send a message
Press Options > Messaging.

calls

features
see your phone number
Press Options > Phone Info > My Number.
read or make an appointment
Press Options > Datebook.

emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

To call an emergency number, enter the emergency number and press $\boxminus$.

Note: Your mobile device can use AGPS satellite signals to help emergency services find you (page 67).

push to talk

the clue's in the name—just push to talk

Push to Talk (PTT) lets you talk walkie-talkie style with one or more other PTT subscribers.

PTT is a network/subscription dependent feature, and is not available in all areas. PTT connectivity requires PTT-compatible phones.

make a PTT call

You can make and receive PTT calls when 㪊 appears at the top of the home screen:

❶ Enter a PTT subscriber's phone number, or select a contact or group from a list:

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

  Note: To change the list that appears when you press the PTT key, see page 20.

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

- **PTT Groups** (press the PTT key > **Options** > **Filter by** > **Groups**).

❷ Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak. Only one person can speak at a time.

❸ To end the call, press ⊟. If nobody speaks for 20 seconds, the call automatically ends (actual timing varies by network).

To **send a PTT alert** instead of a standard PTT call, scroll to a contact in PTT Contacts and press Options > PTT Invite. The contact's phone rings or vibrates, and the contact can speak first. If the contact doesn't respond, the call ends. You can't send a PTT alert to a group.

answer a PTT call

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

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

- To **end the call**, press ⊟.

Note: If you change My Answer Mode to Manual, your phone does not automatically answer PTT calls (page 20).

push to talk

When you **receive a PTT alert**, press the PTT key and speak after the tone, or press Ignore to cancel the call.

PTT contacts & groups

You can store PTT Contacts to make one-to-one calls, and store PTT Groups to make group calls.

To **store a contact**, press the PTT key > Options > Create New > Add PTT Contact. Enter the contact's Name and Number, then press Done.

To **create a group** of contacts that you can call at the same time, press the PTT key > Options > Create New > Add PTT Group. Enter the group's Name and select the Members, then press Done.

To **see PTT contacts**, press the PTT key. Scroll to a contact and press Options to Edit or Manage the contact. Manage lets you block the contact, set it as your default, or delete it.

push to talk

Highlighted contact.

View PTT menu options. — Options

Press $\hat{\mathbf{\Phi}}$ to scroll down to other options.

Return to home screen. — Back
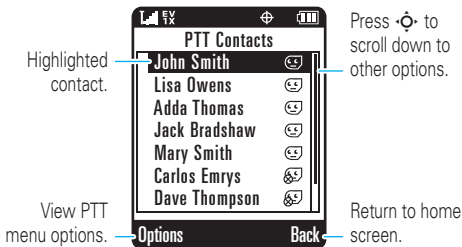
To **see PTT groups**, press the PTT key and scroll to the group. Press Options > Manage to set the group as your default, enable an online alert, or delete the group. You can't edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists show if someone is online (☺, ☺), or offline (☺, ☺), or if a contact is blocked (☺).

To **block** a contact, scroll to the contact and press Options > Manage > Block. To unblock the contact, scroll to it and press Options > Manage > Unblock.

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

PTT settings

To **turn PTT on or off** from the home screen, press
◆ > **❤️ Settings** > **PTT Settings** > **PTT Service** > **On** or **Off**.

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

To **change your PTT menu and call preferences**, press the PTT key > **Options** > **Setup**:

options	
Open To	Set the PTT key to open a list of your most recent calls, your contacts, your groups, or both contacts and groups.

options	
Sort by	Sort contacts and groups by **Name**, online **Status**, or call **Frequency**.
My Answer Mode	Set to **Manual** (press the PTT key to answer) or **Automatic** (accept all calls).
Block Unknown	Choose **Yes** to block unknown PTT callers.
Tone Volume	Set the volume for the tone you hear when it's your turn to speak.
PTT Speaker	Turn the speakerphone **On** or **Off** for PTT calls.
Set Online Alert Tone	Set an online alert to tell you when a contact or group comes online (scroll to the entry in your **PTT Contacts** or **PTT Groups** and press **Options** > **Enable Online Alert**).
	This setting tells your phone whether to play these alert tones (**On**) or not (**Off**).
View by	Set to **List** or **Picture**.

phonebook

got their number? now do more

To store and call contacts, see page 11.

edit or delete contacts

Find it: $\dot{\bullet}$ > 🛡 Phonebook

❶ Scroll to Contact List and press $\dot{\bullet}$.

❷ Scroll to the contact or enter the first letters of a contact you want.

To **edit** the contact, press Options > Edit Contact. To save your changes, press Save.

To **delete** the contact, press Options > Delete.

store additional contact information

You can store more than just a number for a contact:

Find it: $\dot{\bullet}$ > 🛡 Phonebook

❶ Scroll to Contact List and press $\dot{\bullet}$.

❷ Scroll to the contact and press Options > Edit Contact.

phonebook

❸ Use the fields to enter more contact information:

- **Name & Numbers:** Store multiple numbers, such as home, work, and mobile.

- **Email:** Store email addresses.

- **Address:** Store postal addresses.

- **Group:** Add the contact to a group.

- **Picture:** Add a photo so you can see who's calling.

- **Call Ringer ID:** Set a unique ringtone and message alert so you can hear who's calling.

- **Others:** Add birthday, fax number, and other details.

❹ Press Save to save your changes.

phonebook

speed dial contacts

Note: Speed dial number 1 is already assigned to your voicemail number.

To **assign** a speed dial number to a contact:

Find it: $\cdot\dot{\bullet}\cdot$ > ▧ Phonebook > Speed Dial

❶ Scroll to an unassigned speed dial number and press $\cdot\dot{\bullet}\cdot$ (Set).

❷ Scroll to a contact and press $\cdot\dot{\bullet}\cdot$.

❸ Select Yes to confirm your selection.

As you scroll through contacts, speed dial numbers are identified by the speed dial indicator $\not\!Z$.

To **activate** speed dialing, press $\cdot\dot{\bullet}\cdot$ > ▧ Settings > Call > One Touch Dial > On.

To **call speed dial number 1 through 9:** Press and hold the single-digit speed dial number for one second.

To **call a double-digit speed dial number:** When you enter the speed dial number, press and hold the second digit. (For example, to call speed dial number 23, press 2, then press and hold ③).

messages

sometimes it's better 2 say it in a message

create & send text messages

Find it: $\dot{\bullet}$ > $\otimes$ Messaging > Create Message

❶ Enter contact names, or press $\dot{\bullet}$ (**Add**) to choose recipients.

❷ Scroll down to the text entry area and enter text (page 28).

While entering text, you can press **Options** for message options.

❸ To send the message, press **Send**.

receive text messages

Find it: $\dot{\bullet}$ > $\otimes$ Messaging > Inbox

❶ Scroll to a message. (Newest ones are listed first.)

❷ To read the message, press $\dot{\bullet}$.

To call the sender, press $\boxminus$.

To open message options (such as **Forward** or **Lock**), press **Options**.

messages

email

Find it: $\dot\bullet$ > 🖂 Messaging > Email

Choose your email provider and log in.

For more information, contact your email provider.

instant messaging (IM)

Find it: $\dot\bullet$ > 🖂 Messaging > IM

Choose your IM community and log in.

conversations

Conversations organize your sent and received messages by topic, so you can easily follow each conversation.

Find it: $\dot\bullet$ > 🖂 Messaging > Conversations

❶ Scroll to the message sender you want.

When a message sender is highlighted, you see the date, time, and subject of the last message you received from the sender.

❷ Press $\dot\bullet$ to select the highlighted sender.

You see a partial view of the last message you received from the sender. Above that is a partial view of the previous message.

❸ Press ⋅◆⋅ to open and view a highlighted message.

Scroll up to view earlier messages.

Scroll down to the entry area at the bottom of the screen to enter a reply. Press **Send** to send the reply.

❹ Press ▭ to return to the home screen.

voicemail

When you **receive** a voicemail message, your phone shows ⊠⁞ and New Voicemail. To hear the new message, select Listen Now. To close the notification, press ▭.

To **check** your voicemail from the home screen, press and hold [1].

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text entry

how fast can u text?

To **change modes** when you are entering text, press Options > Entry Mode:

entry modes	
iTAP English / iTAP Spanish	The phone predicts the word you want, with just one keypress per letter. Press ✱ to change between capitalization options (no capitals, first letter in a sentence capitalized, all capitals).
Abc / ABC	Press a key repeatedly to cycle through its letters and number. Abc—capitalize the first letter in the sentence. ABC—enter all uppercase letters (not available when editing a contact).
123	Enter numbers only.
	Shortcut: In other modes, press and hold a number key to enter its number.

entry modes	
Symbols	Enter symbols.
	Shortcut: In other modes, press ⬚1⬚ to enter basic symbols or punctuation.

To **accept** a word completion, press ·Q̇· right.

To **enter a space**, press ⬚#⬚.

To **delete a character**, press ⬚BACK⬚ (to delete a whole word, press and hold ⬚BACK⬚).

tips & tricks

a few ways to make your phone even easier to use

To...	
use home screen shortcuts	In the home screen, press ·Ȯ· up, down, left, or right. (To change shortcuts, see page 32.)
set phone to vibrate	Press and hold ⊞ to switch to Vibrate Only and back.
turn the speakerphone on/off	Press and hold the speaker key on the side of your phone (page 5).
create a voice record	Press and hold the voice key on the side of your phone (page 5).
	To **listen** to the voice record, press ·●· > 🗇 Multimedia > Music & Sounds > Ringtones & Sounds > *voice record*.

improve battery life

- To make your **backlight** turn off sooner: From the home screen, press ◦●◦ > 🐾 Settings > Display > Backlight, select Display or Keypad, and select 5 seconds.

- To turn off **Bluetooth® power** when you're not using it: From the home screen, press ◦●◦ > 🐾 Settings > Bluetooth, and press Turn off.

voice commands

Press and release the voice key on the side of your phone (page 5), then speak a voice command:

- **Call <Name or #>**
- **Send Message <Name or #>**
- **Go To <Shortcut>**
- **Check <Item>**
- **Contact**
- **Redial**
- **Play <Playlist>**

personalize

add your personal touch

home screen shortcuts

From the home screen, press $\dot{\mathbf{O}}$ up, down, left, or right to go directly to your favorite features.

To **change** the home screen shortcuts:

Find it: $\dot{\bullet}$ > Settings > Phone > Shortcuts > Up Key, Down Key, Left Key, or Right Key

To **show** or **hide** shortcut icons in the home screen.

Find it: $\dot{\bullet}$ > Settings > Phone > Shortcuts > Show Shortcuts > Show or Hide

Note: You can press $\dot{\mathbf{O}}$ to select shortcuts in the home screen even when the icons are hidden.

ringtones

You can select ringtones for incoming calls and other events (such as new messages), and set the master volume for all ringtones.

personalize

easy setup

To quickly change your phone's basic ring and volume settings, press $\dot{\bullet}$ > ⚙ Settings > Sounds > Easy Setup.

set call ringtones

Find it: $\dot{\bullet}$ > ⚙ Settings > Sounds > Call Ringtone > Home Calls or Roaming Calls

To set a **single ringtone** for home calls: Select Single Tone, scroll to the ringtone you want and press $\dot{\bullet}$.

Shortcut: Press $\dot{\bullet}$ > ◁ Ringtones, scroll to a ringtone, press Set As > Default Ringtone.

To select **multiple ringtones** that will play randomly for home calls: Select Shuffle Multiple, scroll to each ringtone you want and press $\dot{\bullet}$. When you're finished, press Done.

Note: Shuffle Multiple depletes your battery's charge more quickly than Single Tone.

set message ringtones

Find it: $\dot{\bullet}$ > ⚙ Settings > Sounds > Message Ringtone or Voicemail Ringtone

Scroll to the ringtone you want and press $\dot{\bullet}$.

buy ringtones

Find it: $\dot{\bullet}$ > $\bigcirc$ Ringtones > Buy Ringtone

Note: Normal airtime and/or carrier usage charges apply.

set master volume

Press the volume keys up or down
to set the ringtone master **volume**
level, set the phone to **beep** or
vibrate for incoming calls, set an
event **alarm**, or turn all sounds **off**.

Note: Ringtones do not sound when the master volume
is set to Vibrate Only, Alarm Only, or All Sounds Off.

personalize

wallpaper

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

Find it: •◈• > ✿ Settings > Display > Wallpaper > Main Screen or Front Screen

To set a **single picture** as a wallpaper: Select Single, scroll to the picture you want and press •◈•.

To select **multiple pictures** that will show randomly in the home screen: Select Shuffle Multiple, scroll to each downloaded or captured picture you want and press •◈•. When you're finished, press Done.

skins

Set the overall look and feel of your phone's screen.

Find it: •◈• > ✿ Settings > Display > Skins

music

when music is what you need...

Note: You'll need to install an optional microSD memory card in your phone to use the music player.

Note: Your phone supports Microsoft® Windows® XP and Windows Vista®. Other operating systems may not be compatible.

get music

Just load your favorite music onto your Windows® PC, then transfer the music from the PC to your phone.

You can **buy** music files from on-line music stores (such as Amazon, Rhapsody, and Napster).

You can also **rip a CD** (load song files from a music CD onto your PC) with Microsoft Windows Media Player version 11 or later. You can download Windows Media Player from **www.microsoft.com/windowsmedia**.

❶ On your Windows PC, open Windows Media Player 11.

❷ Insert a CD in your computer's CD drive.

❸ In the Windows Media Player window, click the "Rip" tab.

❹ Highlight the songs you want to import and click "Rip Music".

If your computer is connected to the Internet, the media player may retrieve information such as song titles, album name, artist name, and album artwork. This information will display in your phone's music player after you transfer the music to your phone.

Note: 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.

Tip: You can also **download** songs from the Internet straight to your phone. Use the phone's browser (press ·●· > 🌏 MetroWEB) and go to the page with the music file.

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music

transfer music

Before you copy files to your phone, make sure the files are in a format that the phone recognizes. Your phone's music player can play the following types of audio files: MP3, AAC, M4A, WMA.

To **transfer** music files from your Windows PC to your phone:

❶ Insert a microSD memory card into your phone (page 8).

❷ Set your phone to Mass Storage mode by pressing ·●· > 💕 Settings > USB > Mass Storage.

❸ Connect a Motorola Original USB cable to your phone and your PC.

Note: Some phone functions are temporarily unavailable when a USB connection is active.

❹ Now that you've connected, use **Windows Media Player** or **USB drag and drop** to copy your music.

Windows Media Player

❶ **On your Windows PC**, open Windows Media Player 11.

❷ In the Windows Media Player window, click the "Sync" tab.

❸ Drag and drop songs or playlists onto the "Sync List".

❹ Click "Start Sync".

❺ When you're done, disconnect your phone from the computer.

USB drag & drop

❶ **On your Windows PC**, double-click on "My Computer" to find the "Removable Disk" icons for your phone and memory card.

❷ Double-click the "Removable Disk" icon for your phone or memory card.

❸ In the "Removable Disk" window, create the "my_music" folder (if it doesn't already exist).

Note: The music player checks for songs only in this folder.

➍ Drag and drop music files onto the "my_music" folder.

➎ When you're done, right-click the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen, then select "USB Mass Storage Device" (your memory card).

➏ Disconnect the USB cable.

play music

Find it: $\dot{\bullet}$ > 🎵 Music Player > *category* > *song* or *playlist*

You can select a song or playlist from these categories: All Songs, Playlists, Artists, Albums, or Genres.

Note: If you can't find artist, album, or genre information for a song, the information may not be available.

Shortcut: In a song list, press a key to jump to songs that begin with the letters on the key.

music

While a song is playing, use the following keys to control song playback.

Elapsed Time

Press ·Ò· left/right to skip songs. Press & hold to rewind or fast forward.

Album Artwork (if available)

Volume Level

Song Length

Select player settings.

View song list.

Press ·●· to pause/play.
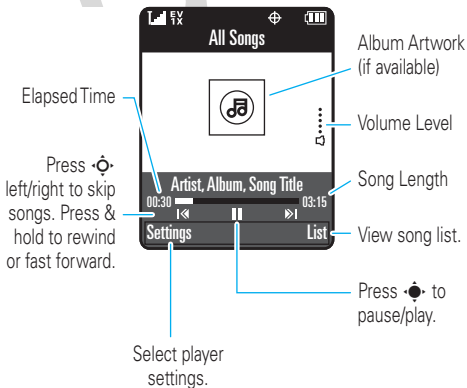
To **hide** the music player while music plays, press Settings > Background Play.

To **return** to the music player from the home screen, press ·●· > ♫ Music Player.

music

If you receive a call during a song, the music player pauses the song until the call is over.

playlists

Personalize your music collection by creating your own playlists.

To **create** a playlist:

Find it: $\dot{\bullet}$ > 🎵 Music Player > Playlists

➊ Press Options > Create Playlist.

➋ Enter a name for the playlist and press Done.

   Note: The name cannot exceed 32 characters, and cannot include the characters / \ : * ? < > | "

➌ With the new playlist highlighted on the Playlists screen, press Options > Add a Song. Scroll to a song and press $\dot{\bullet}$.

   Repeat this step to add more songs.

➍ Press ⬅ when you're done adding songs.

To **add a song** to a playlist: Scroll to the playlist and press Options > Add a Song.

To **remove a song** from a playlist: Select the playlist, scroll to the song and press Options > Remove from Playlist.

To **delete** a playlist: Scroll to the playlist and press Options > Delete Playlist.

wake up music player

While the music player is active, your phone may conserve battery power by turning off the display and keypad backlights.

To turn the display and backlights back on, press any key.

customize music player

Find it: $\hat{\bullet}$ > 🎵 Music Player

Press Settings, then select Repeat, Shuffle, Audio Effects, or Visual Effects.

When a song is playing, you can also select Add to Playlist or Background Play.

photos

see it, capture it, send it!

take & send photos

Find it: $\dot{\bullet}$ > 🐾 Multimedia > Camera

Shortcut: From the home screen, press the camera key 📷 > Camera.

Camera Mode

Press $\dot{\textbf{O}}$ right/left to zoom in/out.

Select camera options.

Resolution

Remaining Shots

View photos.

Press $\dot{\bullet}$ to take a photo.
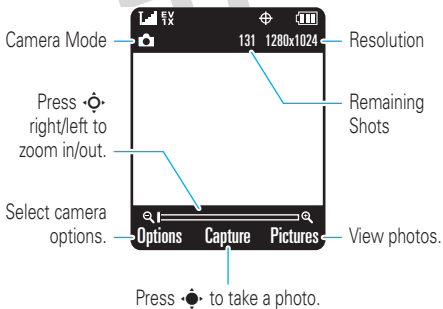
After you take a photo:

- To **save** the photo, press $\dot{\bullet}$.

- To **send** the photo, press Send.

- To **discard** the photo, press Options > Delete.

DRAFT

videos

for those moments when you really had to be there

record & send videos

Find it: $\dot{\bullet}$ > ♣ Multimedia > Camcorder

Shortcut: From the home screen, press the camera key 🔘 > Camcorder.

Video Camera Mode — (screen display) — Resolution 176x144

Recording Time

Press ·Ọ· right/left to zoom in/out.

Select video camera options. — Options Rec Videos — View videos.

Press $\dot{\bullet}$ to begin recording.
Press $\dot{\bullet}$ again to stop recording.
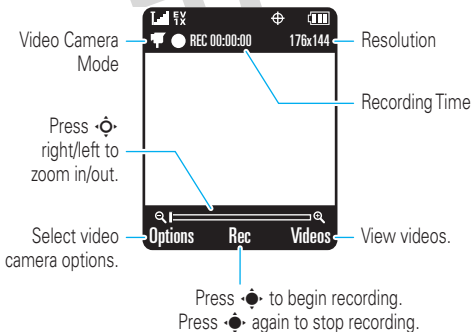
After you record a video:

- To **save** the video, press $\dot{\bullet}$.

videos

- To **send** the photo, press Send.

- To **discard** the photo, press Options > Delete.

play videos

To play videos that you've recorded, downloaded, or received:

Find it: $\hat{\bullet}$ > ⬛ Multimedia > Videos > *video*

Elapsed Time

Volume Level

Select video options.

Video Length

Mute video sound.

Press $\hat{\bullet}$ to pause/play the video.

Video Title   2/2

00:12   01:15

Options   Mute
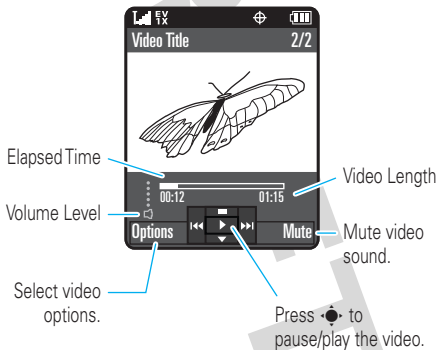
videos

Use these keys to control video playback:

video playback controls	
pause/play	Press ·$\dot{\bullet}$·.
fast forward	Press & **hold** ·$\dot{Q}$· **right**.
next video	Press ·$\dot{Q}$· **right**.
rewind	Press & **hold** ·$\dot{Q}$· **left**.
previous video	Within first two seconds of video playback, press ·$\dot{Q}$· **left**.
restart video	After first two seconds of video playback, press ·$\dot{Q}$· **left**.
switch portrait & landscape	Press ·$\dot{Q}$· down.

Web

you don't need a PC, surf the Web with your phone

Find it: $\hat{\bullet}$ > 🌏 MetroWEB

To...	
select a highlighted link	Press Select.)
go to a Web page	Press Menu > Go to URL, then enter the Web address (URL).
bookmark a Web page	Press Menu > Add Favorite. To **open** bookmarks, press Options > Open > Bookmark.
enter text	Select a text entry field and press $\hat{\bullet}$ to open it.

lose the wires and go wireless

turn Bluetooth power on or off

Find it: $\dot{\bullet}$ > $\stackrel{\scriptstyle\%}{\scriptstyle\bullet}$ Settings > Bluetooth, press Turn On or Turn Off

Note: To extend battery life, set Bluetooth power to Turn Off when not in use.

connect new devices

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 page 51.

➊ Make sure the Bluetooth device you are pairing with is in *discoverable* mode (see device instructions).

➋ Press $\dot{\bullet}$ > $\stackrel{\scriptstyle\%}{\scriptstyle\bullet}$ Settings > Bluetooth > Add New Device.

Note: If Bluetooth power is not turned on, your phone will ask if you want to Turn Bluetooth On? Select Yes.

➌ Press $\dot{\bullet}$ (OK) to search for available Bluetooth devices.

➍ Your phone lists the devices it finds within range. Highlight the device and press $\dot{\bullet}$.

➎ If necessary, enter the device PIN (such as **0000**) and press ◆.

Tip: For specific information about a device, check the instructions that came with it. For more Bluetooth support, go to **www.motorola.com/Bluetoothsupport**.

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

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 the device on when it is near the phone. If the device doesn't connect, turn it off and back on, and make sure your phone's Bluetooth power is on.

To **manually reconnect** your phone with a paired device, press ◆ > ⚙ Settings > Bluetooth > *device name*.

Bluetooth® wireless

disconnect devices

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

To **manually disconnect** your phone from a paired device, press $\cdot\bullet\cdot$ > $\boxtimes$ Settings > Bluetooth, highlight the device and press $\cdot\bullet\cdot$ (Disconnect).

your computer wants a friend

connect

Your phone has a micro USB
connector, so you can connect it
to a PC to transfer data.
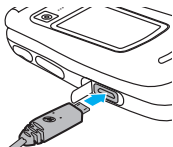
Before you connect an optional
USB cable, tell your phone what type of
connection you want to use by

pressing ◆ > ⚙ **Settings** > **USB** > **Mass Storage** or **Modem/COM**.

Note: Motorola Original USB data cables and
supporting software are sold separately.
Check your computer or device to determine
the type of cable you need.

MOTOROLA
ORIGINAL ™

transfer

Note: To install an optional microSD memory card in your phone, see page 8.

Using a USB cable connection, you can connect to your PC to access your phone's memory card.

Note: When your phone is connected to a computer, it cannot be used for anything else, including making emergency calls. To restore the phone to normal use, disconnect it from the computer.

On your phone:

❶ Disconnect the cable from your phone, if it's connected, then press `·❖· > ` ⚙ **Settings** > **USB** > **Mass Storage**.

❷ Connect the cable to your phone (page 53) and your PC.

54

cable connections

On your computer:

❶ Double-click on "My Computer" to find the "Removable Disk" icons for your phone and memory card.

❷ Double-click the "Removable Disk" icon for the memory card.

❸ Drag and drop files into these folders on the memory card (create the folders if necessary): my_images, my_music, my_sounds, or my_videos.

❹ When you're done, right-click the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen, then select "USB Mass Storage Device" (your memory card).

❺ Disconnect the USB cable.

memory card

store more

format

You need to format a memory card (up to 8 GB), **using the phone**, before using it for the first time. This creates the necessary folders and ensures your phone can read the contents of the card.

Caution: Formatting the memory card erases all content on the card.

Find it: $\dot{\bullet}$ > $\textcircled{\textbf{@}}$ Settings > Storage Device > Memory Card > Format Memory Card

show & manage files

Note: To install an optional microSD memory card in your phone, see page 8.

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

To **see memory card files**, open a file list, such as Ġ Multimedia > Pictures > *memory card folder*.

To copy or move a file **from your phone to your memory card**, highlight the file and press Options > Manage Files > Copy or Move > *memory card folder*.

To see your card's **available memory** and other information, press ● > ॐ Settings > Storage Device > Memory Card > Memory Card Usage.

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

tools

keep up with life

add a calendar event

Find it: $\dot{\bullet}$ > 🗓 Datebook

➊ Scroll to the desired date and press Add.

➋ Enter the appointment name and details. To change the time, recurrence, or alert type, scroll to the line and press $\dot{\bullet}$.

➌ To save the appointment, press Save.

set an alarm

Find it: $\dot{\bullet}$ > 🗊 Tools > Alarm Clock

➊ Scroll to Alarm 1, Alarm 2, or Alarm 3, and press Edit.

➋ Select On, and set the alarm time, recurrence, and alert sound by scrolling to the category and pressing $\dot{\bullet}$.

➌ When you're finished, press Done.

tools

calculator

Find it: $\dot{\bullet}$ > $\textcircled{\tiny{\searrow}}$ Tools > Calculators

Select **Basic Calculator** or **Tip Calculator**. Use the keypad to enter numbers.

For **Basic Calculator**, press $\dot{\mathbb{Q}}$ to select functions, $\boxed{*}$ to enter a decimal point, and $\boxed{\#}$ to change to a positive or negative number.

security

keep your phone safe

codes & passwords

Your phone's four-digit **lock code** is originally set to the last four digits of your phone number. To change the lock code:

Find it: $\hat{\bullet}$ > $\overset{\text{\tiny *}}{\text{\tiny *}}$ Settings > Phone > Security

❶ When prompted, enter the lock code and press Done.

❷ Select Edit Lock Code.

❸ Enter the new four-digit lock code in the Enter New Code entry area and in the Confirm New Code entry area.

❹ Press Done.

lock & unlock phone

You can lock your phone to keep others from using it.

Find it: ·$\dot{\bullet}$· > $\overset{\ast}{\nabla}$ Settings > Phone > Security

❶ When prompted, enter the lock code and press Done.

❷ Select Lock Phone Now.

To unlock your phone:

❶ From the home screen, press Unlock.

❷ Enter your unlock code and press Done.

service & repairs

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 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Legal & Safety

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.

Battery Charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- 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.

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 1.126 W/kg, and when worn on the body, as described in this guide, is 1.589 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.

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

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

http://www.phonefacts.net

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

http://www.cwta.ca

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.

AGPS & Emergency Calls

When you make an emergency call, your mobile device can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls, if your local emergency response center does not process AGPS location information. For details, contact your local authorities.

If your mobile device cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your mobile device is automatically provided to the emergency response center.

AGPS 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 that might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

Safety & 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 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, 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:

- 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.

For more information, see "Smart Practices While Driving."

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.

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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 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 "Battery Use & Safety."

Keep Your Mobile Device & 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.

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 **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.

[Apr0109]

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

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.

Use & 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.

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Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

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

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.

Products 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	**Phones:** 1-800-331-6456
	Pagers: 1-800-548-9954
	Two-Way Radios and Messaging Devices: 1-800-353-2729

Canada	**All Products:** 1-800-461-4575
TTY	1-888-390-6456

For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

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

What Other Limitations are There?

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

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

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

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**

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

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

Thank you for choosing a Motorola product.

Export Law Assurances

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

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 & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device 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**

Disposal of your Mobile Device Packaging & Product Guide

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.

California Perchlorate Label

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

Perchlorate Material – special handling may apply. See **www.dtsc.ca.gov/hazardouswaste/perchlorate**

There is no special handling required by consumers.

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.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For instructions on how to delete all personal information from your device, see your product guide.
  Note: For information on backing up your mobile device data before erasing it, go to **www.motorola.com** 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.

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- **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).

Motorola, Inc.
Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.hellomoto.com

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-331-6456 (United States)

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

1-800-461-4575 (Canada)

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 guide, are based upon the latest available information and 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.

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

Manual Number: TBD-A

U.S. patent Re. 34,976

HEARING AID COMPATIBILITY STATEMENT

Motorola hereby declares that typical production units were evaluated for Hearing Aid Compatibility (HAC) compliance for FCC ID: IHDT56KS1.

Model and Features

FCC ID: IHDT56KS1

Key Features:

- Quad Band CDMA1700/2100/800/1900
- EV-DO Release 0
- Handsfree Speaker
- Voice Commands
- Talking Phone
- Photo Camera
- Video Camera
- Video Player
- Stereo Bluetooth
- Music Player
- Location Based Services
- HTML Browser
- Text Messaging

Exhibit 12