MOTOROLA **TITANIUM**™

LIFE. POWERED.

CONGRATULATIONS

MOTOROLA TITANIUM™

Get the convenience of push-to-talk calls together with a premium browsing and messaging experience, all in a QWERTY touchscreen phone.

- **Private Calls.** Stay in touch with your family, friends, and colleagues with the simple touch of a button.
- **Organization.** Check your email, calendar, and contacts wherever you are.
- **Browsing.** Get more from the web with a huge screen. Search, browse, everything you want to do, all made easier.
- **Maps, entertainment, and more.** The latest technology and apps. Google Maps™ to find your way. YouTube™ to stay entertained. Easy access to Google™ and thousands of Android™ applications to expand your world.

Caution: Before assembling, charging or using your phone for the first time, please read the important legal and safety information packaged with your phone.

MORE

- **Answers:** Touch > **Help Center**.

  You can also flick your home screen left or right to see the Getting Started and Tips & Tricks widgets.
- **Support:** Phone updates, PC software, user guides, online help and more at www.motorola.com/mytitanium.
- **Accessories:** Find accessories for your phone at www.motorola.com/products.

YOUR PHONE

the important keys & connectors

For some features, when you turn your phone, the screen adjusts for you.

Note: Your phone might look a little different.

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LET'S GO

let's get you up and running

ASSEMBLE & CHARGE

1 Cover off

2 SIM in

3 microSD in

4 Battery in

5 Cover on

6 Charge up

Caution: Please read "**BATTERY USE & SAFETY**" on page 60.

Tip: To save battery life, see "**BATTERY TIPS**" on page 29.

SET UP & GO

The first time you turn on your phone, a setup wizard guides you through:

- Setting up your Wi-Fi™ connection.
- Signing in to your existing Google account.

  Note: If you don't have a Google account, you can create one using the wizard.

  Tip: Remember to write down your user name and password, and keep them in a safe place.
- Setting up additional email accounts, such as POP3, IMAP, or Microsoft™ Exchange.
- Loading contacts from your SIM card.
- Selecting your keypad type.

Note: This phone supports data-intensive apps and services. It is strongly recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

TURN IT ON & OFF

To turn on your phone, press and hold End/Power .

To turn off your phone, press and hold End/Power , then touch **Power off**.

WI-FI CONNECT

If you want to use a Wi-Fi computer network for even faster Internet access, touch > **Settings** > **Wireless & networks** > **Wi-Fi settings**. See "**WI-FI™**" on page 49.

COOL CONTENT & MORE

Browse and download thousands of the coolest apps on the planet from Android Market™. See "**APPS FOR ALL**" on page 45.

Your phone comes with a microSD memory card slot—you can load it up with photos, videos, and music from your computer using "**USB DRAG & DROP**" on page 50.

TOUCHSCREEN & KEYS

a few essentials

TOUCHSCREEN ON/OFF

Your touchscreen is on when you need it and off when you don't.

- To make your touchscreen sleep or wake up, just press Screen Lock .
- When you hold the phone to your ear during calls, your touchscreen sleeps to prevent accidental touches.
- To let the touchscreen adjust brightness automatically, touch Menu > **Settings** > **Sound & display** > **Brightness** and check **Automatic brightness**.

Note: Your touchscreen might stay dark if the sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor. To find Motorola accessories for your phone, visit www.motorola.com/products.

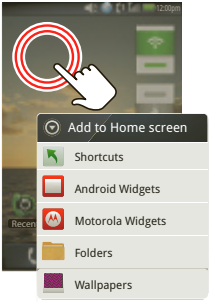
TOUCH TIPS

TOUCH

To choose an icon or option, *touch* it. Try it: In the home screen, touch **Contacts**.

TOUCH & HOLD

To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch **Contacts**, then touch and hold a contact to open options.



DRAG

To scroll through a list or move slowly, *drag* up or down the touchscreen. Try it: In the home screen, touch **Contacts**, then drag your **Contacts** list up or down.

Tip: When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a letter A - Z.

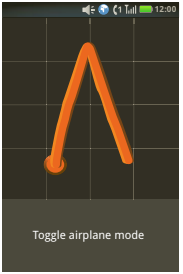
FLICK

To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

Tip: When you flick a long list, touch the screen to stop it from scrolling.

MY SIGN

Draw on your screen to get to your favorite apps. To open **My Sign**, touch > **My Sign**.



Draw the sign for the action you want. For example, draw an upsidedown "V" to go to airplane mode.

To see which actions are already assigned to gestures, press Menu > **List Gestures**. You'll also see several gestures that are unassigned.

To assign an action to a gesture, press Menu > **List Gestures**, touch an unassigned gesture, then touch an app from the list.

To create a new gesture, press Menu > **Add Gesture**, select an action from the list, and draw a gesture to assign to the action.

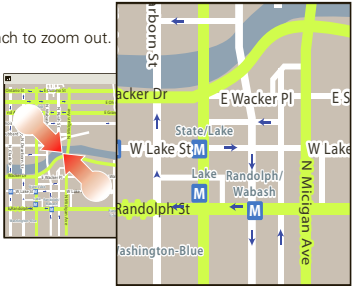
ZOOM

Get a closer look at maps or pictures. To zoom in, *double-touch* the screen. To zoom out, *double-touch* the screen again.

Tip: For maps you can also touch to zoom in, or to zoom out.

You can also zoom in or out by pinching your fingers together or moving them apart on the screen.

Pinch to zoom out.



KEY TIPS

FRONT KEYS

- Home – Press to return to the home screen. Press and hold to see recently used apps.
- Menu – Open options.
- Talk – Press to start a call, or press and hold to start voice control.
- End/Power – Press to end a call or press and hold to open the power key menu, where you can turn off the phone (**Power off**), or turn **Airplane mode** or **Silent mode** on or off.
- Back – Return to the previous screen.

SLEEP & WAKE UP

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing Screen Lock . To wake up the touchscreen, just press Screen Lock again.

To change how long your phone waits before the screen goes to sleep automatically, touch > **Settings** > **Sound & display** > **Screen timeout**.

Tip: To make the screen lock when it goes to sleep, use "**SCREEN LOCK**" on page 57.

ADJUST VOLUME

Press the volume keys to change the ring volume (in the home screen), or the earpiece volume (during a call).

SPIN THE SCREEN

The touchscreen can rotate to stay right-side up when you turn your phone:

Find it: > **Settings** > **Sound & display** > **Orientation**

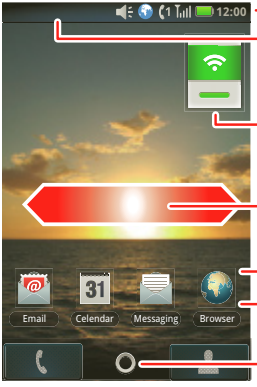
Note: Not all applications are designed to rotate.

HOME SCREEN

quick access to the things you need most

QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the phone or press Home . It's basically like this:



Status Indicators

Notifications Bar
Touch & drag this bar down to check notifications.

Widgets
Touch to open, or touch & hold to move or delete.

Flick left or right to open more panels.

Shortcuts
Touch to open.

App Menu
Drag up to see all your apps.

Note: Your home screen might look a little different.

The home screen extends beyond what you see on the screen to give you more room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more panels or to add widgets or shortcuts.

USE & CHANGE YOUR HOME SCREEN

On your home screen, *shortcuts* are icons that open your favorite apps, web bookmarks, contacts, email, or music. *Widgets* show you news, weather, messages, and other updates.

- To **open** something, touch it. Touch Home to return to the home screen.
- To **add** something or change your wallpaper, touch and hold an empty spot until you see the **Add to Home screen** menu.
- To **move** or **delete** something, touch and hold it until you feel a vibration, then drag it to another spot, another panel, or the trash at the bottom of the screen.

SEARCH

To search, press Search, and touch the text field to bring up the keypad.

Type, then touch the icon for a text search.

NOTIFICATIONS & PHONE STATUS

At the top of the screen, icons on the left notify you about new messages or events (notifications). Icons on the right tell you about phone status. Flick the bar down to show notification details.

	Bluetooth™ active		network (full signal)
	GPS active		call alert
	Wi-Fi™ active		private call
	downloading		line 1 active
	vibrate		flight mode
	silent		battery (charging)
	data active		battery (full charge)
	speakerphone active		text message
	data sync		

Tip: To see today's date, touch and hold the status bar at the top of the screen.

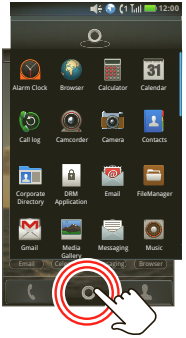
NOTIFICATION LIGHT

Your phone has a light that blinks whenever you receive voicemail, email, text message, have an appointment, or your battery is low.

APP MENU

You can find all of your apps in one place. From the home screen, touch the app tab, to open the app menu.

To close the app menu, press Home or Back.



RECENT APPS

In the home screen, touch and hold Home to see the most recent apps you used. Touch an app to open it, or touch Home to return to the home screen.

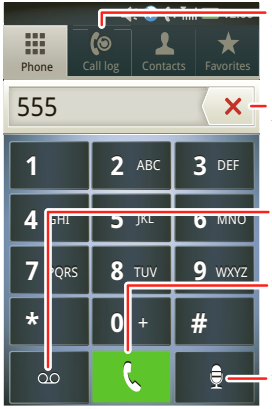
CALLS

it's good to talk

QUICK START: CALLS

DIALING OPTIONS

Find it: **Dialer**



Call Log
Touch to open, then touch the icon to the right of an entry to call.

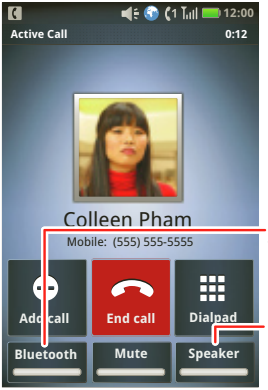
Delete
Touch to delete a digit you entered.

Call Voicemail

Talk
Enter a number and touch to call it.

Voicedial

IN-CALL OPTIONS



Bluetooth
Touch to connect or disconnect a Bluetooth device.

Speaker
Touch to turn the speakerphone on/off.

Tip: You can press Home or Back to leave the active call display. To reopen it, press Talk .

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

MAKE & ANSWER CALLS

To make a call, touch **Dialer**, enter a number, then press Talk.

To answer a call, press Talk.

To end a call, press End/Power.

ENTER NUMBERS DURING A CALL

To enter numbers during a call, touch **Dialpad**.

RECENT CALLS

Find it: **Dialer** > **Call log**

- To call a number, touch phone call, PTT call, or group call icon on the right.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, press Menu > **Delete All**.

Tip: From the home screen, press Talk to open the **Call log**.

FREQUENT CALLS

Find it: **Dialer** > **Favorites**

- To call a number, touch it to open the contact entry, then touch the phone number or PTT number you want to call.
- To send a text message, view a contact, or other options, touch and hold an entry.

CALL WAITING

When you receive phone call during an active call, touch **Answer** to put the current call on hold and answer the new call.

To make another call during an active call, touch **Add call** to place the current call on hold and dial a new number.

Touch **Switch Calls** to move between the active call and the call on hold.

CONFERENCE CALLS

To start a conference call, call the first number. After they answer, touch **Add call** and call the next number. When the next number answers, touch **Merge call**.

YOUR PHONE NUMBER

Find it: > **Settings** > **About phone** > **Status** > **My phone number**

UNANSWERED CALLS

If you receive a phone call and press End/Power before it goes to voicemail, you can send an automatic text message to the other caller.

Find it: > **Settings**> **Call settings** > **Auto Text reply** > **Incoming call** or **Outgoing call**

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 numbers) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

1 Touch **Dialer**. If your phone is locked, touch **Emergency Call** on the unlock screen.

2 Enter the emergency number.

3 Press Talk to call the emergency number.

Note: Your mobile device can use AGPS satellite signals to help emergency services find you (see "**GPS & AGPS**" on page 65).

COOL DOWN

In very limited circumstances, such as where your phone has been exposed to extreme heat, "Cool Down" message screens will appear. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool Down" mode, only emergency calls can be made.

DUAL-MICROPHONE NOISE CANCELLATION

Improve call quality by removing the ambient noise around you to provide a cleaner, clearer sound to the person you're calling.

Note: **Noise cancellation** is on by default.

To turn off **Noise cancellation**, touch > **Settings** > **Call settings** > **Noise cancellation**.

PUSH-TO-TALK

one or more, talk to them all

PRIVATE CALLS

Private calls are push-to-talk calls between two people.

MAKE AND ANSWER PRIVATE CALLS

To **make** a private call:

- Touch **Dialer**, and enter the recipient's PTT number.

  Tip: The first contact in **Contacts** contains your PTT number.

- Touch **Contacts**, and select a contact that has a PTT number.

To **talk**, press and hold the PTT Button. To **listen**, release the PTT Button.

To **answer** a private call, press the PTT Button after the caller has stopped talking.

To **end** a private call, press End/Power or do nothing. The call will end after a few seconds.

PTT RESUME

You can extend the automatic timeout of a PTT call by about 30 seconds.

Find it: > **Settings** > **Call settings** > **Push to Talk settings** > **Resume PTT**

ONE TOUCH PTT

You can customize the PTT Button for quick access to push-to-talk functions.

Find it: > **Settings** > **Call settings** > **Push to Talk settings** > **One Touch PTT**

Options	
Off	Turn off **One Touch PTT**.
Launch PTT Contacts List	Open a list of push-to-talk contacts on your phone.
PTT a selected contact	Start a private call with the selected contact.
PTT the most recent number	Start a push-to-talk call with the most recent PTT number in the **Call log**.

Tip: To add a quick switch for **One Touch PTT**, touch and hold a blank spot on your home screen, then touch **Motorola Widgets** > **One Touch PTT**.

CALL ALERTS

Use call alerts to tell someone you want to speak to them.

To **send** a call alert:

- Touch **Dialer**, enter a PTT ID, and press Menu > **Send Alert**. When prompted, press the PTT Button.
- Touch **Contacts**, and select a contact containing a PTT ID. Touch **Send Alert**, and press the PTT Button when prompted.

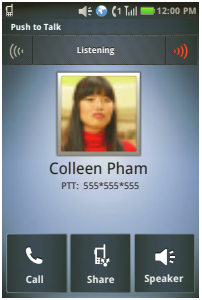
When you **receive** a call alert, you can:

- **Answer:** Push the PTT Button to begin a private call with the sender.
- **Later:** Store the call alert to **Notifications**.
- **Dismiss:** Dismiss the call alert.

Note: Call alerts are moved to **Notifications** after a few minutes of inactivity. You won't be able to make phone calls or private calls until the call alert is moved, or you've chosen an option.

PUSH TO SEND

During a private call, you can send contacts, photos, events, or your contact info.



Find it: Touch **Share** > **Share contact**, **Share picture**, **Share event**, or **Share my info**

SWITCH FROM A PRIVATE CALL TO A PHONE CALL

For longer calls, you can switch from a private call to a phone call if the private call recipient has a phone number stored in **Contacts**.

During a private call, Touch **Call**.

UNANSWERED CALLS

If you receive an error when making a private call, or press End/Power to end an outgoing private call before it's answered, you can send a text message to the other caller.

Find it: > **Settings**> **Call settings** > **Auto text reply** > **Incoming call** or **Outgoing call**

GROUP CALLS

Note: This feature may not be offered by your service provider.

Need to talk to more than one person at a time? With group calls you can talk to up to 20 people at a time.

Note: To store groups on your phone you need a group-call-capable SIM card. Contact your service provider for more information.

To **create** a group, touch **Contacts** > Menu > **New Group**, and select the group members. Touch **Save** to save it in your contacts.

Note: If you don't enter a name for the group, it will be stored as "**Group**".

To **make** a group call, touch **Contacts**, select the group you wish to call and press the PTT Button.

TALKGROUPS

Have a larger audience than 20 people? Talkgroups are the solution.

Note: Availability of Talkgroups, and the maximum number of Talkgroup members, is dependent on your service provider. Contact your service provider to establish a Talkgroup.

JOIN A TALKGROUP

Before you can make a Talkgroup call, you'll need to join the Talkgroup.

1. Touch **Contacts**, and press Menu > **Enter Talkgroup**. Name the Talkgroup and enter the Talkgroup number. Press Menu > **Done**.
2. Select the Talkgroup in your contacts.
3. Touch **Join**.

MAKE A TALKGROUP CALL

- Touch **Dialer**, enter the Talkgroup number and press the PTT Button.

  Tip: Talkgroup numbers begin with a #. For example #155.

- Touch **Contacts**, select the Talkgroup and touch **Push to Talk** (or press the PTT Button).

Tip: To silence incoming Talkgroup calls, press Menu > **Settings** > **Call settings** > **Push to Talk Settings** > **Talkgroups** > **Silence Talkgroups**.

SET PUSH-TO-TALK SPEAKER

You can listen to push-to-talk calls through your phone's speaker or earpiece. Press Speaker to turn the speaker on or off.

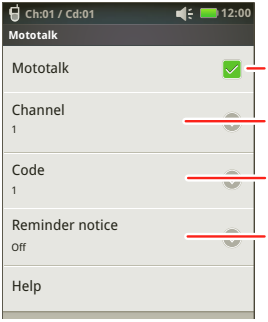
MOTOTALK™

Note: This feature may not be offered by your service provider.

MOTOtalk allows for off-network calls between MOTOtalk enabled phones.

Find it: Touch > **Mototalk**

Tip: The status bar shows your channel and code.



Mototalk
Touch to turn Mototalk on/off.

Channel
Touch to set channel.

Code
Touch to set code.

Reminder Notice
Touch to set reminder notice.

Note: Range will vary based on terrain, man-made structures and atmospheric conditions.

Tip: To add a quick switch for MOTOtalk, touch and hold a blank spot on your home screen, then touch **Motorola Widgets** > **Mototalk**.

These features and main menu items aren't available while in MOTOtalk:

- On-network phone or PTT calls
- Data transmission
- Incoming message notification
- Call forwarding
- Call alerts
- SMS or MMS messaging
- Push to send

TALK RANGE

While in MOTOtalk mode, phones should be a minimum of 6 feet apart.

STANDARD MOTOTALK CALLS

Note: When making a standard MOTOtalk call, everyone on your channel and code can hear your conversation.

To make a standard MOTOtalk call, press the PTT Button.

Note: You can only make standard MOTOtalk calls while on the home screen.

Release the button to listen for a reply.

If you receive an error message, it may mean:

- No one is on your channel or code.
- You're out of range.

Note: A MOTOtalk call can be ended at any time by pressing End/Power .

RECEIVE ALL MOTOTALK CALLS

You can set your phone to receive all calls on a channel.

Find it: Touch > **Mototalk** > **Code** > **Receive All**

Note: You cannot initiate a code call when the code is set to **Receive All**.

PRIVATE MOTOTALK CALLS

To have a private conversation without other people listening in, you can make a private MOTOtalk call.

Find it: Touch > **Mototalk** > **Code** > **Private Only**

Note: The person you're calling must be in MOTOtalk and on the same channel to receive your call.

To make a private MOTOtalk call:

1. Enter the phone number of the person you want to call, or scroll to a number or name in **Contacts** or **Call log**.
2. Press and hold the PTT Button to talk.
3. Release the PTT Button to listen.

If you receive an error message:

- The PTN you entered is invalid.
- The person you're trying to call is in network mode.
- The person you're trying to call is on a different channel.
- You're out of range.

MOTOTALK REMINDER NOTICE

You can set your phone to alert you that you've used MOTOtalk for a specified time.

Find it: Touch > **Mototalk** > **Reminder notice**

MAKE EMERGENCY CALLS WHILE IN MOTOTALK

If you attempt to make an Emergency 911 call while in MOTOtalk mode, your phone will automatically exit MOTOtalk mode and attempt to find a network signal.

If you are out of network coverage your phone will not be able to make an emergency 911 cellular call until you go back into the network coverage area.

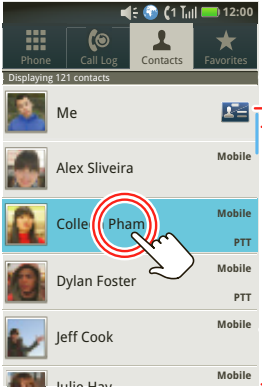
You must wait until the phone reconnects to the network before attempting to make an emergency 911 cellular call.

CONTACTS

contacts like you've never had before

QUICK START: CONTACTS

Find it: **Contacts**



My Info
Your details–always first in the list.

Contacts List
Touch to view contact information. Touch & hold to edit, delete, and more.

Menu Options
Press Menu to create, filter, and sync contacts.

Tip: To search the list, touch **Search Contacts** and type a name. When you flick or drag this list, a scroll bar appears on the right. Drag the scroll bar to move the list faster.

TRANSFER CONTACTS

Get all your contacts, all in one place. Here's a few helpful hints:

- Use Gmail™

  All your Gmail contacts will automatically get synced to your phone. Various computer applications for mobile phones and email accounts allow you to export your contacts as a "CSV" file. You can then use Gmail to import the file. For more details, go to www.motorola.com/transfercontacts or log in to your Gmail account on your computer and select "Help".

- Use a SIM

  You can transfer contacts from your old phone to your new Motorola phone using your SIM card.

- More

  There are other methods and tools to help you at www.motorola.com/transfercontacts.

TRANSFER CONTACTS USING YOUR SIM

1 On your old phone, copy all the contacts you want to your SIM card.

Tip: For Motorola Android phones, touch **Contacts** > Menu > **More** > **SIM Manager** > **Export contacts to SIM**.

2 Insert your SIM card in your new phone, see "**ASSEMBLE & CHARGE**" on page 3.

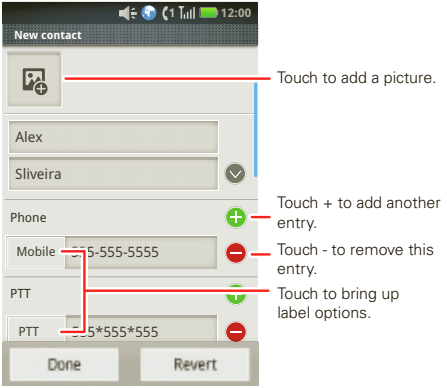
3 Import the contacts from your SIM card, touch **Contacts** > Menu > **More** > **SIM Manager** > **Import contacts from SIM card**.

Note: You might have done this during "**SET UP & GO**" on page 4.

CREATE CONTACTS

Find it: **Contacts** > Menu > **New contact**

Select the account to save the contact to, then type the contact name and details.



When you're finished, touch **Done**.

Where are contacts saved? Your phone saves new contacts in its memory and to your Google account.

EDIT OR DELETE CONTACTS

Find it: **Contacts**

Touch the contact, then press Menu > **Edit contact** or **Delete contact**.

Tip: When editing a contact, you can set a ringtone, address, and other details that will be saved on your phone.

CALL, TEXT, EMAIL, OR PTT A CONTACT

Find it: **Contacts**

Touch and hold a contact to **View contact**, **Call contact**, **Text contact**, **Push to Talk**, **Add to favorites**, and more.

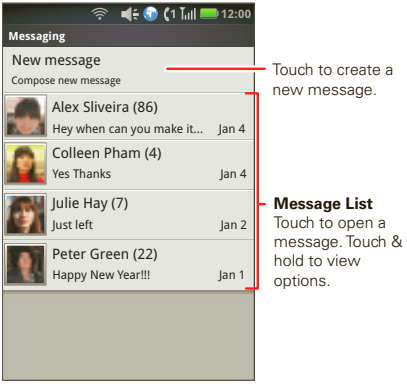
Tip: You can also select **Share via PTT** to send contact information to someone through a private call.

MESSAGING & EMAIL

sometimes it's best 2 text, or IM, or email . . .

QUICK START: MESSAGING

Find it: > **Messaging**



To steup email, see "**EMAIL**" on page 23.

READ & REPLY TO MESSAGES

To **open** a message and all of its replies, touch it.

To open **options**, touch and hold a message.

To **respond** to a message, just open it and enter your response in the text box at the bottom.

CREATE MESSAGES

Find it: > **Messaging** > **New message**

Enter the recipient and message. Press Menu for options, like **Insert smiley** or **Attach**.

Note: Attachments are available with MMS messaging only. Contact your service provider to find out if MMS messaging is available.

SEND & RECEIVE ATTACHMENTS

To send a file in a message, open a new message and press Menu > **Attach**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing, and your phone will show a button that says **Get HTML version**.

Tip: To send and receive large attachments faster, use a Wi-Fi connection, in "**WI-FI™**" on page 49.

MESSAGE GROUPS

You can create a message group to send messages to groups of up to 20 contacts.

CREATE MESSAGE GROUPS

Find it: **Contacts** > Menu > **New Message Group**

1. Select the contacts you want to add to the group.
2. When you're finished adding members to the group, touch **Save**.
3. Type a name for the message group in the **Name** field.

   Note: If you don't provide a name for the message group, the default name will be **(Message Group)**.
4. Select **Done**.

TEXT A MESSAGE GROUP

1. Touch and hold the message group, then select **Text group**.
2. Create and send your message.

MANAGE MESSAGE GROUPS

Features
view a message group Touch **Contacts**, and touch the message group.
add members Touch **Contacts**, touch and hold the message group, then touch **Edit group** > **Add members**. Select the contact(s) you want to add and touch **Save**. Touch **Done**.
remove members Touch **Contacts**, touch and hold the message group, then touch **Edit group**. Touch the minus sign to the right of the member you want to remove. Touch **Done**.
delete a message group Touch **Contacts**, touch and hold the message group, then select **Delete group**. Touch **OK** to confirm.

GMAIL™

CREATE A NEW EMAIL

Find it: > **Gmail** > Menu > **Compose**

Enter the recipient email address and message, then touch **Send**.

Tip: Press Menu for options, like **Attach** or **Add Cc/Bcc**.

Features
search for email Press Menu > **Search** in a messages list.
choose email notifications Press Menu > **Settings** > **Email notifications**.
apply a label to a thread Touch and hold a message, then touch **Change labels**.

EMAIL

SET UP AN ACCOUNT

Find it: > **Email**

The email setup wizard will guide you through setting up your email account.

CREATE A NEW EMAIL

Find it: > **Email** > Menu > **Compose**

Enter the recipient email address and message, then touch **Send**.

Tip: Press Menu for options, like **Attach** or **Add Cc/Bcc**.

ACCOUNT SYNCHRONIZATION

Find it: > **Settings** > **Accounts & sync**

The apps on your phone give you access to the same personal information (emails, events, and contacts) that you have on a computer using Gmail, Calendar, and Contacts. It's easy to synchronize the apps information you want to keep up-to-date.

SELECT APPS TO SYNCHRONIZE

1 Touch > **Settings** > **Accounts & sync**.

2 Touch an account and select the apps you want to synchronize, like **GMail**, **Calendar**, or **Contacts**.

MICROSOFT™ OFFICE OUTLOOK™ SYNCHRONIZATION

WHAT CAN YOU MANAGE?

Email, contacts, and calendar on your phone give you access to the same personal information that you add, view, and edit on your computer with the use of Microsoft™ Outlook™.

You can:

- View Google and Exchange contacts in one list.
- Schedule and respond to meeting requests.
- Access your company directory.

SET UP ACCOUNT

Find it: > **Settings** > **Accounts & sync** > **Add account** > **Corporate**

1 Enter your user name (username@company.com), password, email address, and server details including domain name and security type (server address is the same URL you use to access your company's email using the web on your computer).

Note: Contact your business IT department for server details.

2 Touch **Next**.

3 Set up your sync options: select email and/or contacts.

4 Touch **Save & sync**.

Note: Set data synchronization to manual to extend battery life (see "**BATTERY TIPS**" on page 29).

CORPORATE CALENDAR

Find it: > **Calendar**

Corporate calendar appointments are shown in the same calendar as your phone's calendar appointments, but each are shown in a different color. Once you configure your corporate account, you can start the calendar app to view, add, and manage your corporate calendar appointments.

Tip: To see the color codes for your calendar, press Menu > **More** > **Calendars**

CORPORATE DIRECTORY

To view your company's directory, touch > **Corporate directory**.

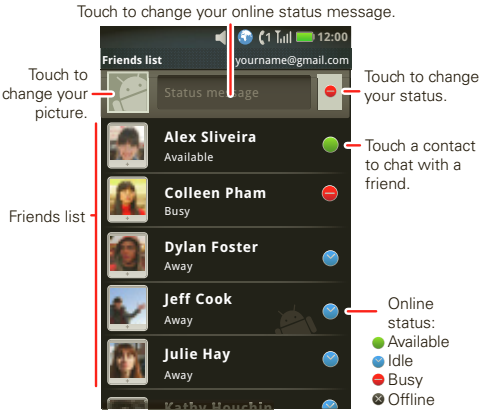
VOICEMAIL

When you have a new voicemail, shows at the top of your screen. To hear the voicemail, drag the notification bar down and touch the voicemail, or touch **Dialer**, then touch .

GOOGLE TALK™

Google Talk instant messaging lets you chat via instant message with other Google Talk users on phones or on the web.

Find it: > **Talk**



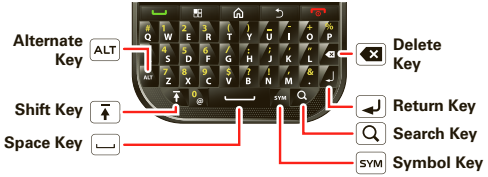
Press Menu to send invitations, add new friends, and more.

TEXT ENTRY

think keyboard, now think smaller

DEVICE KEYPAD

You can type using the phone's keypad.



TYPING TIPS

To...	
Enter **symbols** chosen from a list	Press Symbol SYM
Enter **alternate** characters in the corners of keys	Press Alternate ALT
Enter **several alternate** characters, until you press Alternate ALT again	Press Alternate ALT twice
Enter **one capital** letter	Press Shift
Enter **only capital** letters, until you press Shift again	Press Shift twice
Delete a character (hold to delete more)	Press Delete
Start a **new line** (email or text messaging)	Press Return
Select text, **Cut**, **Copy**, or **Paste**	Touch and hold a blank spot in a text entry area.

TOUCHSCREEN KEYPADS

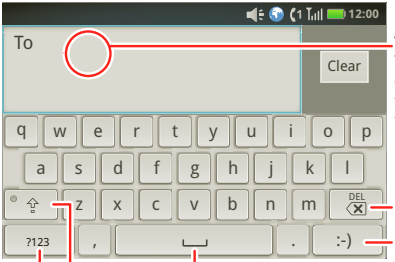
Touch a text field to open a touchscreen keypad. Press Back to close it.

To **move the cursor**, touch and hold a word. This opens a magnifier where you can drag the cursor.

To **change the keypad**, touch an hold a blank spot in the text box. A menu opens where you can choose **Input Method** > **Swype** or **Android keyboard**.

ANDROID KEYPAD

Use the Android keypad to enter letters one at a time.



Note: To set your screen to rotate when you turn the phone, touch > **Settings** > **Sound & display** > **Orientation**.

SWYPE KEYPAD

Swype™ lets you enter a word with one continuous motion. To enter a word, just drag your finger over the letters.

day

book

For double letters, circle the letter.

Who

To capitalize, go above the keypad.

- To enter the small number or symbol at the top of a key, touch and hold the key.
- To enter several symbols, touch **SYM**.

- To enter apostrophes in common words (like “I’ll”), drag through the apostrophe key.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can’t guess your word.
- If Swype doesn’t know a word, touch individual letters to enter it. Swype remembers, so next time you can just drag over the letters.

TEXT ENTRY SETTINGS

Find it: > **Settings** > **Language & keyboard**

- To change your Swype settings, touch **Swype**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To edit your word suggestion dictionary for the Android keyboard, touch **User dictionary**.
- To change your Android keypad settings, touch **Android keyboard**.
- To show the touchscreen keypad when holding your phone vertically, touch **Show soft keypad in portrait**.
- To change the device keypad settings touch, **Device Keyboard**.

TIPS & TRICKS

a few handy hints

SHORTCUTS

To…	
Return to the **home screen**	Press Home .
See **recently dialed** numbers	Press Talk .
Sleep/wake your phone	Press Screen Lock .
Set **screen timeout**	Touch > **Settings** > **Sound & display** > **Screen timeout**.
Turn **sound** on/off	Press and hold End/Power > **Silent mode**.
Search	Press Search .
Show **last few apps** used	Press and hold Home .

To…	
Turn **airplane mode** on/off	Press and hold End/Power > **Airplane mode**.

BATTERY TIPS

Your phone is like a small computer, giving you a lot of information and apps, with a touch display! Depending on what you use, that can take a lot of power.

To save even more battery life between charges, you could reduce:

- Recording or watching videos, listening to music, or taking pictures.
- Widgets that stream information to your home screen, like news or weather (“**HOME SCREEN**” on page 8).
- Email updates: Touch > **Email** > Menu > **Account Settings** > **Email check frequency** > **Every hour** or **Never** to check for email manually.
- Turn off Bluetooth™ power: touch > **Settings** > **Wireless & networks** > **Bluetooth**.
- Turn off Wi-Fi: touch > **Settings** > **Wireless & networks** > **Wi-Fi**.
- Google app updates: Touch > **Settings** > **Accounts & sync** > **Cellular data sync** > **Manual**.
- Display brightness: Touch > **Settings** > **Sound & display** > **Brightness** > *(dimmer setting)*.
- Display timeout delay: Touch > **Settings** > **Sound & display** > **Screen timeout** > *(shorter setting)*.

PHOTOS & VIDEOS

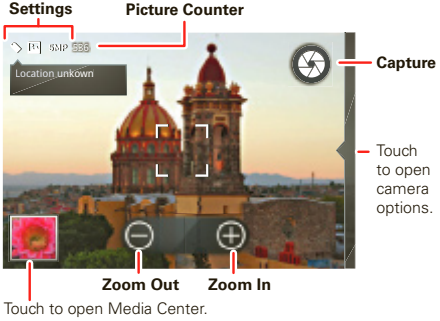
see it, capture it, share it!

PHOTOS

TAKE & SHARE PHOTOS

Take that family photo, and post it online for everyone to see.

Find it: Press Camera



Note: Photos are stored on your microSD memory card. **Picture Resolution** is 5MP, unless you change it.

To focus the picture, press Camera half way until the auto focus box turns green. To take the photo, press Camera down all the way.

To see the picture you've just taken, touch the **thumbnail** on the lower left-hand corner of the screen to open the Media Gallery. Then, touch the picture's thumbnail to view it.

- To **set** the photo as a wallpaper or contact photo, press Menu > **Set as**.
- To **send** the photo in a message or post it online, press Menu > **Share**. For more info on sharing your photos, see "**SHARE YOUR PHOTO GALLERY**" on page 31.
- To **delete** the photo, press Menu > **Delete**.
- For more options, press Menu > **More**.

PHOTO OPTIONS

In the viewfinder, press Menu > **Settings** to open the camera menu:

Options	
Picture Resolution	Set the photo resolution.
Video Resolution	Set the camcorder video resolution.

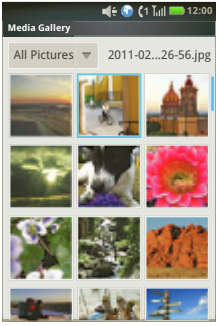
Options	
Quick Send Address	Store email addresses for sending pictures and videos.
Review Time	Choose the amount of time a recently taken picture is displayed on the view screen.
Share optimization	When checked, you'll be prompted to optimize photo or video for sharing.

VIEW YOUR PHOTOS

Find it: > **Media Gallery** > **All Pictures**

PLAY A SLIDESHOW

Touch > **Media Gallery** > **All Pictures**, Menu > **Play slideshow** to start a slideshow. To stop the slideshow, touch the display. To return to the gallery, press Back .



SHARE YOUR PHOTO GALLERY

Find it: > **Media Gallery** > **All Pictures**

To send your photo in a message, private call, or post it online:

1 Touch and hold a photo, then touch **Share**.

2 Choose how you want to share—like **PTT**, **Email**, or **Messaging**.

MANAGE YOUR PHOTOS

Find it: > **Media Gallery** > **All Pictures**

Touch and hold a photo, then:

- To delete the photo, touch **Delete**.
- To set the photo as a contact picture or wallpaper, touch **Set as**.

Tip: To copy photos to/from a computer, go to "**USB DRAG & DROP**" on page 50.

EDIT YOUR PHOTOS

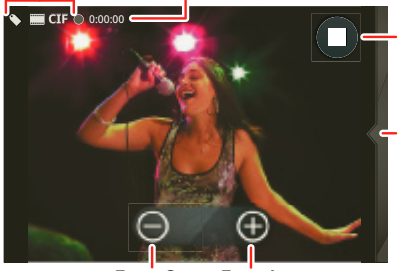
Find it: > **Media Gallery** > **All Pictures**

Touch & hold a picture, then touch **Edit** > **One-click optimize**, **Rotate**, **Crop**, **Effects**, **Brightness & contrast**, **Color & saturation**, **Flip**, or **Resize**.

VIDEOS

RECORD & SHARE VIDEOS

Find it: > **Camcorder**



Note: When you first turn on the camcorder, your phone will prompt you to optimize the video for sharing. Choose **Yes** if you plan to share your video via MMS. Choose **No** if you plan to share the video via Bluetooth, through a Wi-Fi connection, or by connecting your phone to a PC.

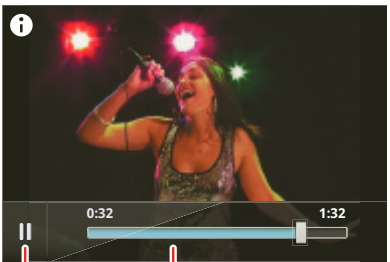
To **record** the video, press Camera . To stop the video recording, press Camera again.

After you have finished recording your video, touch the screen, when prompted:

- To **send** the video in a message or post it online, touch **Share**. For more info on sharing your photos, see "**SHARE YOUR PHOTO GALLERY**" on page 31.
- To **play** the video, touch .
- To **delete** the video, touch **Delete**.

PLAY YOUR VIDEOS

Find it: > **Media Gallery** > **All Videos**



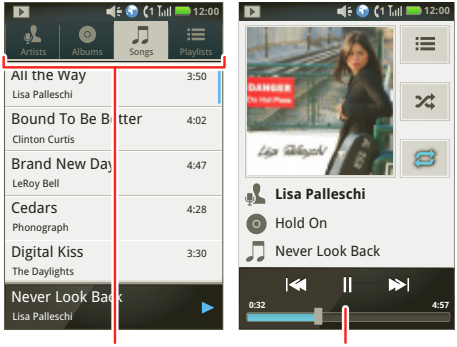
Note: To see the controls while the video is playing, touch the display.

MUSIC

when music is what you need...

QUICK START: MUSIC

Find it: > **Music**



Categories
Touch a category, then Touch a song or playlist.

Music Controls

Tip: When a song is playing, you can add it to a playlist by pressing Menu > **Add to playlist**.

SET UP MUSIC

WHAT MUSIC TRANSFER TOOLS DO I NEED?

To put music on your computer and then load it on your phone, you need:

- A USB data cable.
- A microSD memory card.

  Your music is stored on your memory card. Your phone supports removable microSD memory cards up to 32 GB capacity. To make sure your memory card is installed, go to "**ASSEMBLE & CHARGE**" on page 3.

  Tip: To see the available memory on your memory card, touch > **Settings** > **SD card & phone storage**.

WHAT MUSIC FILE FORMATS CAN I PLAY?

Your phone can play many types of files: AMR-NB/WB, MP3, PCM/WAV, AAC, AAC+, eAAC+, MIDI, OGG, and WMA.

Note: Your phone does not support any DRM protected files.

WHAT HEADPHONES CAN I USE?

Your phone has a 3.5mm headset connector for wired stereo listening. You can go wireless with Bluetooth stereo headphones or speakers (see "**BLUETOOTH™ WIRELESS**" on page 47).

GET MUSIC

TRANSFER MUSIC USING USB

You can transfer music from your computer to your phone by using a USB connection.

For more information on transferring music, see "**USB DRAG & DROP**" on page 50.

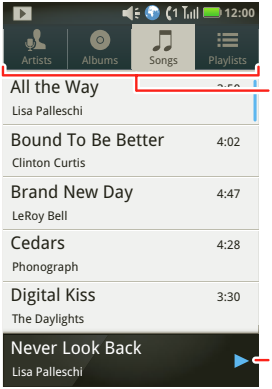
Note: Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

PLAY MUSIC

MUSIC LIBRARY

Open your music library, then select what you want to play.

Find it: > **Music**



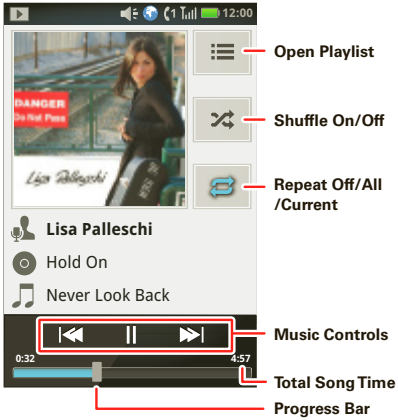
Categories
Touch to list songs or playlists.

Last Played
Touch to play again.

Your music is stored by artists, albums, songs, and playlists. Touch a category, then touch the song or playlist you want to play. Press Menu > **Party shuffle** to randomly play all your songs.

MUSIC PLAYER

Just touch a song or playlist to get going.



Music player controls	
play/pause	Touch ▶/⏸.
previous/next	Touch ⏮/⏭.
fast forward/rewind	Touch & hold ⏮/⏭.
view playlist	Touch ☰.
shuffle	Touch ⤮.
repeat	Touch ⟲.
volume	Press the side volume keys.
view library	Press Menu > **Library**.
turn shuffle on/off	Press Menu > **Party shuffle**.
add to playlist	Press Menu > **Add to playlist**.
use as ringtone	Press Menu > **Use as ringtone**.
use as line2 ringtone	Press Menu > **Use as line2 ringtone**.
delete song	Press Menu > **Delete**.

HIDE, WAKE, TURN OFF

Press Home to use another app. Your music continues to play.

When you see in the status bar a song is playing, flick down to see details. Touch the song to return to the music controls.

To turn off your music touch .

PLAYLISTS

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**. Choose an existing playlist, or touch **New** to create a new playlist.

To add a song to the playlist you're playing, press Menu > **Add to playlist** in the music player.

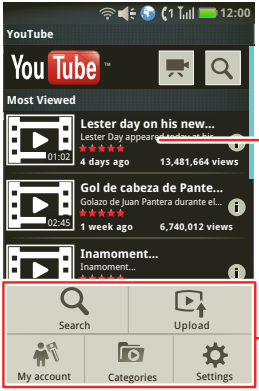
To edit, delete, and rename playlists, touch and hold the playlist in the music library.

YOUTUBE™

go and create your own classic

QUICK START: YOUTUBE

Find it: > **YouTube**



Categories
Touch a video to play.

Press to show options.

YouTube lets you share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

Note: If you don't have a YouTube account, visit www.youtube.com to find out more. To create an account or sign in, go to "**YOUR ACCOUNT**" on page 37.

WATCH VIDEOS

See popular video categories, like **Featured**, **Most viewed**, and **Top rated**. Touch a category, then touch the video to start playing it. To see more video categories, touch Menu > **Categories**. To see a video in high quality, touch Menu > **Settings** > **High quality video**.

SEARCH FOR VIDEOS

Find it: > **YouTube**, then touch Menu > **Search**

Enter text, then touch **Search**.To clear your search history, touch Menu > **Settings** > **Clear search history**.

SHARE VIDEOS

Send someone a link to a video that you are watching.

1 Touch the video to select it.

2 Touch Menu > **Share**.

YOUR ACCOUNT

LOG IN OR CREATE ACCOUNT

Find it: > **YouTube**, then touch Menu > **My account**

1 To create your YouTube account, touch the "Don't have a YouTube account? Touch here to create one" link.

If you already have a YouTube account, enter your username, password and touch **Sign in**.

2 For a new account, enter a username, and complete the fields, then touch **I accept**.

UPLOAD VIDEOS

Find it: > **YouTube**, then touch Menu > **Upload**

1 Touch the video you want to upload. You can change the video title, description, set the access, and add tags.

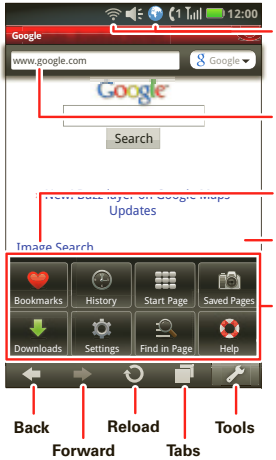
2 Touch **Upload**.

WEB

surf the web with your phone

QUICK START: BROWSER

Find it: > **Browser**



Connection
Over the air:
Mobile Network:
Wi-Fi:

Web Address
To go to a URL, touch **Go**.

Links
touch to open.

Drag or flick to scroll.

Touch to open a menu.

Note: If you can't connect, contact your service provider.

CONNECT

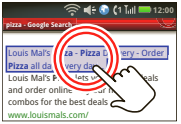
Your phone uses the mobile phone network (over the air) to automatically connect to the web.

Note: Your service provider may charge to surf the web or download data.

To use a wireless network, touch > **Settings** > **Wireless & networks**. Touch **Wi-Fi** to turn it on and touch **Wi-Fi settings** to search for nearby wireless networks. Touch a network to connect.

SELECT WEB LINKS

When you touch a link, your phone outlines it and goes to that page. If you touch and hold the link, your phone shows options, like **Open in new tab**.



BROWSER OPTIONS

Touch Tools to see browser options:

Options	
Bookmarks	Add, delete, and manage bookmarks.
History	View and clear your browser's history.
Start Page	Takes you to your browser's start page.
Saved Pages	Save web pages.
Downloads	View your downloads.
Settings	Open your browser's settings menu.
Find in Page	Search web pages for words or phrases.
Help	Open your browser's help menu.

ZOOM

Touch the screen once to zoom in. To zoom out touch the screen twice, or touch at the bottom of the screen.

WEBKIT BROWSER

Your phone comes with the Opera Mini and WebKit browsers. Opera Mini is optimized for your carrier's network, and is set as the factory default.

In some cases, you may need to use the WebKit browser. To turn on and set the Webkit browser as the default browser, touch > **Settings** > **Applications** > **Default browser**.

Note: When Opera Mini is set as the default browser, the Webkit browser will be unavailable. The **Browser** shortcut will open Opera Mini.

DOWNLOAD APPS

Warning: Apps downloaded from unknown sources can include spyware, phishing, or viruses that affect your phone, phone performance, and personal data. For security, download apps only from trusted sites like **Market**.

To download apps:

1. If you want to download apps from any web page, press Menu > **Settings** > **Applications** > **Unknown sources**.
2. To launch the browser, touch > **Browser**.

3 Find the app you want to download and touch the download link.

Note: Downloaded apps are stored in your phone's memory.

MANAGE YOUR DOWNLOADS

To view files or apps you've downloaded, touch > **Browser** > Tools > **Downloads**.

PERSONALIZE

add your personal touch

WIDGETS

To add a new widget:

1 Find an empty spot on your home screen where you want to add a widget, then touch and hold.

Tip: You can flick left or right to open other panels on your home screen.

2 Touch **Widgets**.

3 Touch the type of widget. If necessary, enter the widget settings.

You can personalize widgets with content that you choose.

RINGTONES

To personalize your ringtones:

Find it: > **Settings** > **Sound & display** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:

Find it: > **Settings** > **Sound & display** > **Vibrate**

WALLPAPER

To apply a new wallpaper:

1 From the home screen, press Menu > **Wallpaper**.

2 Touch **Media gallery** to select a photo as your wallpaper, or touch **Wallpaper gallery** to choose a wallpaper that comes with your phone.

SOUNDS

Features
set volume for media and videos
> **Settings** > **Sound & display** > **Media volume**
play tones when using dial pad
> **Settings** > **Sound & display** > **Audible touch tones**
play sound on screen selection
> **Settings** > **Sound & display** > **Audible selection**

DISPLAY SETTINGS

Features
set display brightness
> **Settings** > **Sound & display** > **Brightness**
set orientation
> **Settings** > **Sound & display** > **Orientation**
set animation
> **Settings** > **Sound & display** > **Animation**

QUICK LAUNCH SHORTCUTS

To set keypad shortcuts to launch your favorite app, touch Menu > **Settings** > **Applications** > **Quick launch** and choose a key.

To use a quick launch shortcut, hold Search on the device keypad while you press the assigned key, like Search and **B** to launch the browser.

DATE & TIME

Set date, time, time zone, and formats:

Find it: > **Settings** > **Date & time**

LANGUAGE & REGION

Set your menu language and region:

Find it: > **Settings** > **Language & keyboard** > **Select locale**

LOCATION

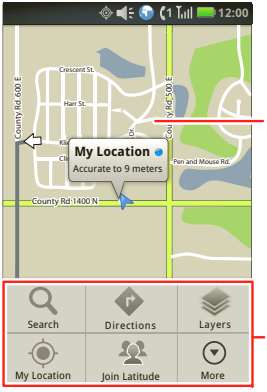
toss away your maps

GOOGLE MAPS™

Note: This feature is not available in all areas. Check with your service provider.

Where am I? Where do I want to go? Don't worry—let Google Maps find out for you.

Find it: > **Maps**



Map View
Drag or flick to scroll.

Press to open a menu where you can search, show your location, change map modes, get directions, and more.

Google Maps opens in "Map mode". To learn more about the different map modes, see "**SELECT MAP MODE**" on page 43.

SET YOUR LOCATION SOURCES

Set your phone to determine your location using GPS satellite signals (highly accurate, but uses battery power) or using the mobile network (less accurate, but conserves battery power).

To set your location source, touch > **Settings** > **Location & security** > **Use GPS satellites** and/or **Use wireless networks**.

FIND YOUR LOCATION

Note: Don't forget to set your location sources.

From the Map screen, press Menu > **My Location**. Your location shows on the map as . The bigger the circle, the less accurate the location.

FIND ANY LOCATION

1 Press Menu > **Search**.

2 Enter text in the search box, like an address, business, or city, then touch .

Tip: If it's an address you have visited before, select from the list shown.

3 Touch the location you're searching for in the results list.

GET DIRECTIONS

1 Press Menu > **Directions**.

2 Enter a starting point address or touch and select **My current location**, **Contacts**, or **Points on map**.

3 Enter an end point address, or touch and select **Contacts** or **Points on map**.

4 Select your mode of transport (car, public transport or walk), then touch **Go**. Your directions are shown as a list. To view your directions on a map, **Show on map**. To have your phone provide turn by turn driving directions, touch **Navigate**.

5 When you have finished, press Menu > **More** > **Clear map**.

SELECT MAP MODE

Press Menu > **Layers** to select from **Map** (standard map view), **Satellite** (map with photos), **Traffic** (map with traffic conditions).

Press Menu > **More** > **Clear Map** to clear your selections.

GOOGLE MAPS™ NAVIGATION

Google Maps Navigation is an Internet-connected GPS navigation system with voice guidance.

Find it: > **Navigation**

Follow the prompts to speak or type your destination.

For more, go to www.google.com/mobile/navigation.

GOOGLE LATITUDE™

Note: This feature is not available in all areas. Check with your service provider.

JOIN LATITUDE

Keep track of where your friends and family are on Maps. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry, your location is not shared unless you agree to it. You need to join Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, press Menu > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

ADD & REMOVE FRIENDS

Find it: > **Latitude**

To add friends:

1 Press Menu > **Add friends**.

2 Touch **Select from Contacts** and touch a contact, or **Add via email address** and enter an email address.

3 Touch **Add friends**.

If your friends already use Latitude, they'll receive an email request and a notification. If they have not yet joined Latitude, they'll receive an email request that

invites them to sign in to Latitude with their Google account.

To remove friends:

1 Touch > **Latitude** to show your friend's list, then touch a friend in your list.

2 Touch **Remove**.

SHARE LOCATION

When you receive a request to share location details you can choose to:

- **Accept and share back**—see your friend's location, and your friend can see yours.
- **Accept, but hide my location**—see your friend's location, but they can't see yours.
- **Don't accept**—location information is not shared between you and your friend.

HIDE YOUR LOCATION

Touch > **Latitude** to show your friend's list. Touch your contact name, then press Menu > **Privacy** > **Hide your location**.

TURN OFF LATITUDE

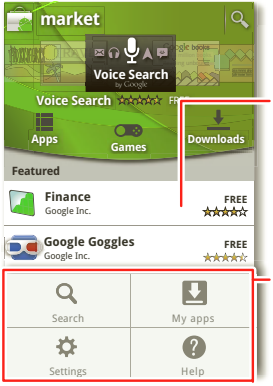
Touch > **Latitude** to show your friend's list. Then press Menu > **Privacy** > **Turn off Latitude**.

APPS FOR ALL

get the app you want

ANDROID MARKET

Find it: > **Market**



Touch an app to open its details or install it.

Touch for a menu where you can open search, downloads, or help.

Get all the fun games and cool apps you want! Android Market provides access to applications from developers worldwide, so you can find the app you

want. If you need help or have questions about Android Market, press Menu > **Help**.

BROWSE & INSTALL APPS

Tip: Choose your apps and updates carefully, from trusted sites like **Market**, as some may impact your phone's performance—see "**CHOOSE CAREFULLY**" on page 46.

Find it: > **Market**

Select a category or touch **Search** to find the app you want. Then, touch **Install** (if app is free) or **Buy**.

When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

MANAGE & RESTORE APPS

Find it: > **Market** > **My apps**

There are lots of apps available and many are free. So you might find that you have downloaded and installed lots of apps on your phone. That's fine, but you may want to uninstall apps that you no longer use.

To uninstall touch an app in the list, and then touch **Uninstall**.

To restore an app, touch the app in the list. The **My apps** list shows previously installed apps.

For other app management features including clearing app data and cache, press Menu > **Settings** > **Applications** > **Manage applications**, then touch an app in the list.

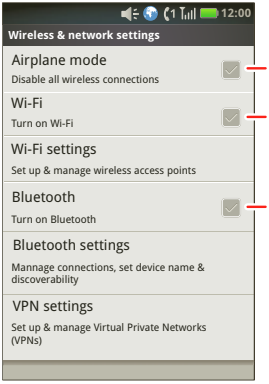
CHOOSE CAREFULLY

Apps are great. There's something for everyone. Play, communicate, work, or just for fun. But remember, choose your apps carefully. Here's a few tips to help:

- To help prevent spyware, phishing or viruses affecting your phone or privacy, use apps from trusted sites, like **Market**.
- In **Market**, check the apps' ratings and comments before installing. This will help you choose the best ones for you.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery, and processing power—some more than others. For example, simple settings widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.

WIRELESS MANAGER

Find it: > **Settings** > **Wireless & networks**



Touch to turn Airplane mode on or off.

Touch to turn Wi-Fi on or off.

Touch to turn Bluetooth on or off.

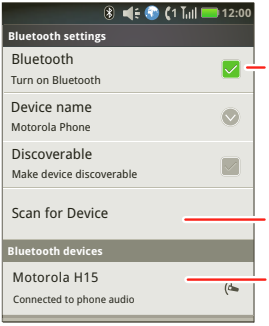
Manage all your wireless connections: Wi-Fi, Bluetooth, & airplane mode.

BLUETOOTH™ WIRELESS

lose the wires and go wireless

QUICK START: BLUETOOTH WIRELESS

Find it: > **Settings** > **Wireless & networks** > **Bluetooth settings**



Touch to turn on & scan.

Touch to re-scan.

Touch to connect.

TURN BLUETOOTH POWER ON OR OFF

Find it: > **Settings** > **Wireless & networks** > **Bluetooth**

Note: To extend battery life, turn Bluetooth power off when not in use.

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

CONNECT NEW DEVICES

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device—to connect again, just turn on the device.

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

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

2 Touch > **Settings** > **Wireless & networks** > **Bluetooth settings**.

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

4 Touch a device to connect.

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

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

After you connect:

- To **reconnect** with a device, turn on the device or touch the device name in the **Bluetooth devices** list.
- To **disconnect** a device, turn off the device, or touch the device name in the devices list and touch **OK** when prompted to disconnect the device.

EDIT PROPERTIES

To edit the device name, touch > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

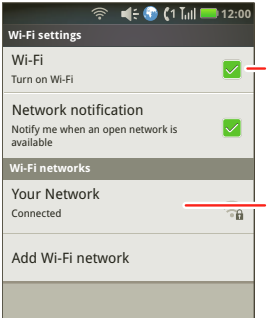
WI-FI™

home, office, or hotspot

QUICK START: WI-FI

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

Use a wireless network for fast Internet access and to download data.



Touch to turn on & scan.

Touch to connect.

TURN WI-FI ON OR OFF

Find it: > **Settings** > **Wireless & networks** > **Wi-Fi**.

Note: To extend battery life, turn off Wi-Fi power when not in use.

Tip: Turn off Wi-Fi power to extend battery life or stop connections. Turn it off and on to search for networks. To add a quick switch, touch and hold a blank spot on your home screen, then touch **Motorola Widgets** > **WiFi Toggle**.

WI-FI SEARCH & CONNECT

To find networks in your range:

1. Touch > **Settings** > **Wireless & networks** > **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn on and scan. If Wi-Fi is already on, press Menu > **Scan**. Your phone lists the networks it finds within range.

   Tip: To see your phone's MAC address or other Wi-Fi details, press Menu > **Advanced**.
3. Touch a network to connect. If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**.

When your phone is connected to the network, the wireless indicator appears in the status bar.

Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.

AIRPLANE MODE

Use airplane mode to turn all your wireless connections off—useful when flying. Press End/Power > **Airplane mode**.

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

Tip: To add a quick switch for **Airplane mode**, touch and hold a blank spot on your home screen, then touch **Motorola Widgets** > **Airplane Mode Toggle**.

USB & MEMORY CARD

connect your phone and computer, then drag & drop

USB DRAG & DROP

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

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

1 With a memory card inserted, and your phone showing the home screen, connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show in the notifications bar.

Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

Note: You may need to remove the USB data cable from the charger power head.

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

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

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

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

6 Flick down the notifications bar and touch the "Turn off USB storage" notification. When prompted, touch **Turn Off**.

Note: Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

MEMORY CARD

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

To **insert** a memory card, see "**ASSEMBLE & CHARGE**" on page 3.

To **see** the files on your phone and memory card, touch > **FileManager**. Touch a file or folder to open it. Touch and hold a file to **Share**, **Rename**, or **Delete** it.

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

Warning: When you format a memory card, all data on the card is deleted.

To **remove** or **format** your memory card, you need to unmount it. Touch Menu > **Settings** > **SD card & phone storage** > **Unmount SD card**. Then, to format your memory card, touch **Format SD card**.

TOOLS

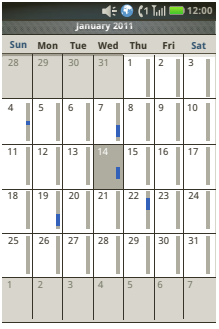
stay on top of things

CALENDAR

Find it: > **Calendar**

Tip: You can send calendar events to other people using PTT. See "**PUSH TO SEND**" on page 15.

View your calendar in different ways: Press Menu > **Agenda**, **Day**, **Week**, Today, or **Month**. When you highlight an event in the day and week views, more details appear.



ADD CALENDAR EVENTS

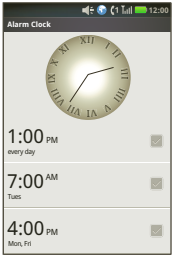
From any calendar view, press Menu > **More** > **New event**. Enter event details and touch **Done**.

MANAGE CALENDAR EVENTS

To edit an event, touch and hold the event, then touch **Edit event**. Edit event details, then when you're done, touch **Done**.

ALARM CLOCK

Find it: > **Alarm Clock**



To turn on an alarm, touch the check box.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay.

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

To edit an alarm, touch it.

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

To change alarm clock settings, press Menu > **Settings**.

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

CALCULATOR

Find it: > **Calculator**

Your calculator has basic and advanced views. To change views, press Menu > **Advanced panel** or **Basic panel**. To clear history, press Menu > **Clear history**.

QUICKOFFICE

Use Quickoffice to create, view, and edit text documents and spreadsheets.

Find it: > **Quickoffice**

CREATE A NEW FILE

To create a new file, touch the icon of the type of file you want to create, then touch **Create New Document**.

OPEN A DOCUMENT

To open an existing file, touch the icon of the type of file you want to edit, touch **SD Card**, to search for a file, or touch **Recent Documents**.

BROWSE FILES

To browse files on your memory card, touch **Browse** > **SD Card**. Touch a file or folder to open, or touch and hold a file for options. You can edit most text or spreadsheet files:

TIPS:

- Place your cursor by touching the text.
- Select text by double-touching it.
- Choose formatting, save the file, or choose other options by touching Menu .

To manage your folders and transfer files, see "**USB & MEMORY CARD**" on page 50.

PERSONAL PORTAL

Find it: > **Personal Portal**

You can view the pictures, videos, and MMS or SMS messages stored on your phone with a PC through the Personal Portal.

CONNECT WITH USB

1. Set your phone to USB Lan. Touch > **Settings** > **USB** > **USB Lan**.
2. Configure the Personal Portal to start automatically or manually. Touch > **Personal Portal** > Menu > **Settings** > **Auto Start on USB** or **Manual Start on USB**.
3. Connect a Motorola micro USB data cable from your phone's micro USB port to a USB port on your computer.
4. If the Personal Portal is set to start automatically, open **Notifications**, and touch the Personal Portal notification. If it's set to start manually, touch > **Personal Portal** and touch **Play**.
5. Use your PC's Web browser, to go to the Personal Portal URL displayed on your phone's screen.

CONNECT WITH WI-FI

1 Touch > **Personal Portal** > Menu > **Settings** > **Manual Start on Wi-Fi**.

2 To have your phone generate a passcode, touch **Use passcode in Wi-Fi connection**. To use your own passcode, touch **Use static passcode** and enter a passcode in the text field. Touch **OK**.

3 Touch **Play**.

4 Use your PC's Web browser to go to the Personal Portal URL displayed on your phone's screen.

5 If your phone is set to use a passcode, enter the passcode displayed beneath the URL.

ACCESSIBILITY

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

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

VOICE RECOGNITION

Use your voice—just touch and speak.

- **Dialing and commands**: Touch > **Voice Commands**. To dial, say "**Call**" and then a contact name or phone number. For other commands, say a command from the list shown, like "**Send Text**" or "**Go To**".
- **Search**: Press Search and touch , then say what you want to search for, like "Motorola accessories".

Tip: Speak naturally, but clearly. Use the microphone in a similar way to a speakerphone, so no need to shout or hold the phone close to your mouth.

VOICE READOUTS (TALKBACK)

Note: This feature is only available in English and Spanish.

Your navigation and selections, read out loud.

To turn on voice readouts (similar to TalkBack), touch Menu > **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, then touch **TalkBack**.

Note: You may be asked to download additional "text-to-speech" software (data charges may apply).

To use voice readouts:

- **Menus and screens**: In menus and screens, touch an item to highlight it (the item will be read out loud), and double-touch to open or action it.

  Note: Touching a home screen widget or shortcut will open it.
- **Dialer & text entry**: As you type, each number or letter is read out loud.
- **Notification**: When you flick the notifications bar down, all notifications are read out loud.

Tip: Navigate through your apps and menus to hear how voice readouts work on your phone.

To change your voice settings, see "**VOICE SETTINGS**" on page 55.

CALLER ID

When you want to **hear** who's calling:

Assign a unique ringtone to a contact—touch **Contacts**, open a contact, then touch Menu > **Options** > **Ringtone**.

VOICE SETTINGS

Personalize your voice settings:

- **Voice commands**: Touch > **Voice Control** > Menu > **Settings**. From here, you can refine recognition of your voice (**Adaptation**) and set options like **Audio Modes** and **Sensitivity**.
- **Text-to-speech**: Touch Menu > **Settings** > **Text-to-speech**. From here, you can set options like speed and language.

VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Menu > **Settings** > **Sound & display**:

- **Volume**: Touch **Ringer volume** or **Media volume** and use the sliders.

  Tip: To set separate ring and notification volumes, uncheck **Use incoming call volume for notifications**.
- **Vibrate**: Select **Vibrate** to feel your phone ring.

ZOOM

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

DISPLAY BRIGHTNESS

Set a brightness level that works for you. Touch > **Settings** > **Sound & display** > **Brightness**. Make sure that **Automatic brightness** is unchecked so you can set your own level.

TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch > **Settings** > **Sound & display**:

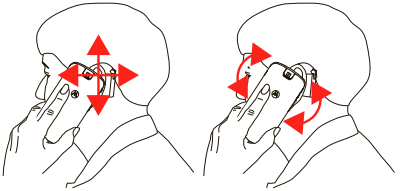
- **Touchscreen**: To hear screen touches (click), touch **Audible selection**.
- **Touchscreen Keys**: To feel key touches (vibrate), touch **Haptic feedback**.
- **Dial pad**: To hear touch tones when you dial a phone number, touch **Audible touch tones**.

HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your phone may have been rated for use with hearing aids. If your phone's box has "Rated for Hearing Aids" printed on it, then please read the following guidance.

Note: Ratings are not a guarantee of compatibility. See "**HEARING AID COMPATIBILITY WITH MOBILE PHONES**" on page 68. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings**: Touch > **Settings** > **Call settings** > **Hearing aid compatible**. Select **Microphone** to optimize your phone for microphone coupling, or select **Telecoil** to optimize your phone for telecoil coupling.
- **Call volume**: During a call, press the side volume keys to set a call volume that works for you.
- **Position**: During a call, hold the phone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



TTY

You can use your phone in TTY mode with standard teletype machines. Touch > **Settings** > **Call settings > TTY** and select the mode you need:

- **TTY**: Type and read text on your TTY device.
- **TTY HCO**: Hearing-Carry-Over—type text on your TTY device and listen to voice replies on your phone's speaker.
- **TTY VCO**: Voice-Carry-Over—speak into your phone and read text replies on your TTY device.

Note: You'll need a cable/adapter to connect your TTY device to the headset jack on your phone.

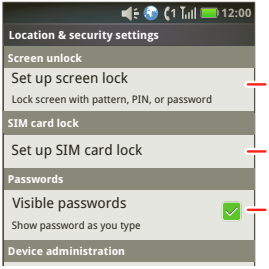
Refer to your TTY device guide for mode and usage information.

SECURITY

help keep your phone safe

QUICK START: SECURITY

Find it: > **Settings** > **Location & security**



SCREEN LOCK

Note: You can make emergency calls on a locked phone (see "**EMERGENCY CALLS**" on page 13).

Lock the screen in the following ways:

- Press Screen Lock .
- Let the screen time out (don't press or touch anything).

To unlock the screen, press Screen Lock . Then, drag to the right.

SET SECURITY LOCK

Find it: > **Settings** > **Location & security** > **Security lock**

- To set a password or an unlock pattern, that you need to draw to unlock your screen, touch **Set up screen lock** > **Pattern**, **PIN**, or **Password**.
- To turn the lock off, touch **Set up screen lock** > **None**.
- To change the password or lock pattern, touch **Change screen lock** > **Pattern**, **PIN**, or **Password**.

FORGOT YOUR PATTERN, PIN, OR PASSWORD?

When you set up your screen lock, you were asked to choose two security questions.

If you forgot your pattern, PIN, or password, touch **Forgot password?** and enter your security question answer to unlock your phone. If you also forgot your security question answer, touch **Forgot answer?**, and enter your Gmail address and password.

Note: You will need to enter a new pattern, PIN, or password after your phone is unlocked.

LOCK YOUR SIM

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

Caution: If you enter an incorrect PIN code three times, your phone locks your SIM card and asks for your PIN unlock code.

CHANGE SIM PIN

To change your SIM PIN, touch > **Settings** > **Location & security** > **Set up SIM card lock** > **Change SIM PIN**.

FORGOT YOUR SIM PIN?

If you forget your SIM PIN, contact your service provider to obtain your PIN unlock code. To unlock your SIM card, enter the PIN unlock code when prompted.

UPDATE MY PHONE

Stay up to date with the latest software for your phone. You can check, download, and install updates using your phone or your computer:

- Using your phone:

  You may get an automatic notification of an available update on your phone. Follow the instructions to download and install.

  To manually check for updates, touch > **Settings** > **About phone** > **System updates**.

  Your phone downloads any updates over your mobile network. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

  On your computer, go to www.motorola.com/mytitanium and check the "Software" links. If an update is available, simply follow the installation instructions.

TROUBLESHOOTING

we're here to help

CRASH RECOVERY

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

RESET

To reset your phone to factory settings and erase all the data on your phone, touch > **Settings** > **Privacy** > **Master Clear**.

Warning: All data on your phone will be deleted.

SERVICE & REPAIRS

If you have questions or need assistance, 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 1-800-453-0920 (United States), 1-877-483-2840 (TTY/TDD United States for hearing impaired).

Battery Use & Safety

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

DON'Ts

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

DOs

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

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

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

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

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

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

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

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

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

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

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

Battery Charging

Notes for charging your product's battery:

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

Driving Precautions

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

While driving, NEVER:

- Type or read texts.
- Enter or review written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

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

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

Seizures/Blackouts

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

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

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

Caution About High Volume Usage

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

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

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

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

Repetitive Motion

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

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Small Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

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

Operational Warnings

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

Potentially Explosive Atmospheres

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

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

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

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

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola and are not using the mobile device in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, keep the device 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.

Two-Way Radio Operation

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone 2.5 to 5 centimeters (1 to 2 inches) away from the lips**.

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.

Portable Radio Product Operation and EME Exposure

Your Motorola radio product is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005 Edition.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) “Regulation of the limitation of exposure to electrical, magnetic, and electromagnetic fields in the radio frequency range between 9 kHz and 300 GHz.” “Attachment to Resolution 303 from July 2, 2002."

Specific Absorption Rate (IEEE)

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

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

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The IEEE SAR limit set by the FCC and by the Canadian

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

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 0.68 W/kg, and when worn on the body, as described in this guide, is 1.48 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

Specific Absorption Rate (ICNIRP)

Your model wireless phone meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed to not 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, and to account for any variations in measurements.

The guidelines use a unit of measurement known as the Specific Absorption Rate (SAR). The ICNIRP SAR limit for mobile devices used by the general public is 2 watts per kilogram (W/kg), and the highest SAR value for this mobile device when tested at the ear is 0.48 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this guide. In this case, the highest tested SAR value is 1.09 W/kg. The tests are carried out in accordance with international guidelines for testing. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

As SAR is measured utilizing the mobile device's highest transmitting power, the actual SAR of this mobile device while operating is typically below that indicated above. This is due to automatic changes to the power level of the mobile 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 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.

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 device away from the head and body. Additional Information can be found on the Web sites of the World Health Organization (http://www.who.int/emf) or Motorola Mobility, Inc. (http://www.motorola.com/rfhealth).

Information from the World Health Organization

"A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established for mobile phone use."

Source: WHO Fact Sheet 193

Further information: http://www.who.int/emf

FCC Declaration of Conformity

Per FCC CFR 47 Part 2 Section 2.1077(a)
Responsible Party Name: Motorola Mobility, Inc.
Address: 8000 West Sunrise Boulevard,
Plantation, FL 33322 USA
Phone Number: 1 (800) 453-0920
Hereby declares that the product:
Product Name: TITANIUM
Model Number: H78XAN9JR9AN
FCC ID: IHDT56MH1
Conforms to the following regulations: FCC Part 15, subpart B, section 15.107(a), 15.107(d) and section 15.109(a)

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.

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. This Class B digital apparatus complies with Canadian ICES-003.

GPS & AGPS

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

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

Your Location

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

Emergency Calls

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

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance Tips

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

Navigation

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

Smart Practices While Driving

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

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

- **Get to know your Motorola mobile device and its features such as speed dial, redial and voice dial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

Privacy & Data Security

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

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

- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device. **Note:** For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support
- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Applications**—Install third party applications from trusted sources only. Applications can have access to private information such as call data, location details and network resources.
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

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

Use & Care

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

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

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

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

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

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

shock and vibration
Don't drop your mobile device.

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

Recycling

Mobile Devices & Accessories

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

Packaging & Product Guides

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

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 when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate
There is no special handling required by consumers.

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. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.
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.

Software Copyright Notice

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

Content Copyright

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

Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

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

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

Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.

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

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.

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.

Motorola Limited Warranty (International)

What Does this Warranty Cover?

MOTOROLA warrants the MOTOROLA manufactured iDEN Communication Products listed below ("Product") against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

Products Covered	Length of Coverage
iDEN Subscriber Digital Mobile and Portable Units	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Product Accessories (manufactured by or under license from MOTOROLA).	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Batteries	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.

Rechargeable Batteries will be replaced during the applicable warranty period if:

- the battery capacity falls below 80% of rated capacity, or

- the battery develops leakage.

MOTOROLA, at its option, will at no charge either repair the Product (with new or reconditioned parts, in compliance with local legislation), replace it (with a new or reconditioned Product, in compliance with local legislation), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment if expressly excluded from this warranty. Because each system which may use the Product is unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole, or any portion of the system not produced by MOTOROLA, under this warranty.

General Provisions:

This warranty sets forth the full extent of MOTOROLA'S responsibilities regarding the Product, Repair, replacement or refund of the purchase price, at MOTOROLA'S options, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

How to Get Warranty Service:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service.

What This Warranty Does Not Cover:

- Defects or damage resulting from use of the Product in other than its normal and customary manner.
- Defects or damage from misuse, accident, water, or neglect.
- Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- Breakage or damage to antennas unless caused directly by defects in material workmanship.
- A Product subjected to unauthorized Product modifications, disassembly or repairs (including, without limitation, the addition to the Product of non-MOTOROLA supplied equipment).
- Product which has had the serial number removed or made illegible.
- Rechargeable batteries if:
  Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
  The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- Freight costs to the repair depot.
- A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the local type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.
- Normal and customary wear and tear.
- Exclusion for defects or damage arising from use of the products in connection with non-MOTOROLA equipment.

Patent and Software Provisions:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software, such as the exclusive rights to reproduce in copies and distribute copies of such MOTOROLA software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise or rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Note: FOR IDEN SUBSCRIBER PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES OR CANADA.

Subject to the exclusions contained below, Motorola Mobility, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. **This limited warranty is a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:**

Products Covered	Length of Coverage
Products as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Accessories as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Products or 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.
Software as defined above. 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.**

What is Not Covered? (Exclusions)

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

Ornamental Decorations. Ornamental decorations such as emblems, graphics, rhinestones, jewels, gemstones and their settings, and other decorative elements, 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, including without limitation, software changes, 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, antennas, 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 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

To obtain service or information, please call Motorola iDEN Customer Services:
1-800-453-0920 or 954-723-4910 (United States)
1-877-483-2840 (TTY, TDD United States for hearing impaired)
1-800-461-4575 (Canada)
Or visit us online at www.motorola.com/repair (United States) or www.motorola.com/support (Canada).
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 OF IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR

LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW. Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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Patent and Software Provisions:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

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

1 (800) 453-0920 (United States)

1 (877) 483-2840 (TTY, TDD United States for hearing impaired)

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

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.

Product ID: MOTOROLA TITANIUM
Manual Number: NNTN9126A