

User Guide



MOTOROLA **TITANIUM™**

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www.motorola.com

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Product ID: MOTOROLA TITANIUM
Manual Number: NNTN9124A

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Introduction

This **User Guide** introduces you to your wireless service and all the features of your new phone.

Throughout this guide, you'll find tips that highlight special shortcuts and timely reminders to help you make the most of your new phone and service. The Table of Contents and Index will also help you quickly locate specific information.

You'll get the most out of your phone if you read each section. However, if you'd like to get right to a specific feature, simply locate that section in the Table of Contents and go directly to that page. Follow the instructions in that section, and you'll be ready to use your phone in no time.

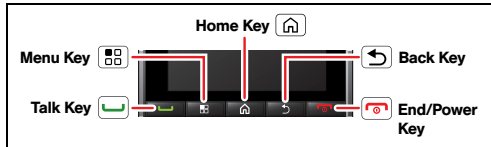
Note: Because of updates in phone software, this guide may not be the most current version for your phone. Visit www.sprint.com and sign in to access the most recent version of the user guide.

WARNING: Please refer to the **Important Safety Information** section on page 138 to learn about information that will help you safely use your phone. Failure to read and follow the Important Safety Information in this phone guide may result in serious bodily injury, death, or property damage.

1. Setting Up Service

- ◆ Setting Up Your Phone (page 1)
- ◆ Setting Up Voicemail (page 4)
- ◆ Account Passwords (page 4)
- ◆ Getting Help (page 5)

Your Phone's Navigation Pad



Setting Up Your Phone

CAUTION: Before assembling, charging, or using your phone for the first time, please read the important safety, regulatory and legal information in this guide, beginning on page 138.

1. Make sure your SIM card is in place.
 - See “Your SIM Card” on page 9.
2. Install the battery.
 - See “Installing the Battery” on page 14.
3. Press and hold  **End/Power** for two seconds to turn the phone on.
 - If your phone is activated, it will turn on, search for service, and display the setup wizard.
 If your phone's SIM PIN is set, you may be prompted to enter your SIM PIN code when you turn on your phone. Press  **Menu**, enter the four-digit SIM code, and touch **OK** to allow phone transmissions as prompted. (See “SIM Card Security” on page 89 for more information.)
 - If your phone is not yet activated, see “Activating Your Phone” on page 2 for more information.

4. Use the MOTOROLA TITANIUM setup menu to select a language, set up an email account, and import SIM contacts (if applicable).

- See “Setup Wizard” on page 2.

5. Make your first call.

- Touch  **Dialer** and enter phone number.
- Press  **Talk**.

Tip: If your phone screen is locked, drag  to the right to display the home screen.

Note: Your phone's battery should have enough charge for your phone to turn on and find a signal, set up your voicemail, and make a call. You should fully charge your battery as soon as possible. See “Charging the Battery” on page 15 for details.

Activating Your Phone

- If you purchased your phone at a Sprint Store, it is probably activated and ready to use.
- If your phone is not activated, please call Sprint Customer Service at 1-800-639-6111 from any other phone.

Tip: You must be in an area covered by the Sprint National Network when you first power up your phone.

If you have a SIM card from a previous Sprint phone, go to a Sprint Store to copy your stored contacts onto the new SIM card. You can then copy your contacts to your phone.

- When you power up your phone the first time, it performs a series of security checks. For example, it verifies the phone is Sprint-approved and the correct SIM card is installed. If you don't pass the security checks, your phone displays messages and screen prompts showing what to do next. If you still encounter security messages, call Sprint Customer Service at 1-800-639-6111 from any other phone.

Setup Wizard

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 want to change the primary language used by your phone, touch **Change language** from the Welcome screen and then select a language.

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.
 - This step is only applicable if you have copied contacts from a previous Sprint or Nextel SIM card to your new SIM card at a Sprint Store, and you want to import contacts stored on the SIM card to your phone. See "Import and Export Contacts" on page 104 for further details.

- Selecting your keypad type.

Tip: To type information in any of the setup steps, touch the text field and use the QWERTY keyboard. Press  to access the alternate characters on a key, such as numbers and punctuation.

To return to the setup menu at any time, touch  **Setup.**

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

Setting Up Voicemail

All unanswered calls to your phone are automatically transferred to your voicemail, even if your phone is in use or turned off. Therefore, it is recommended that you set up your voicemail and personal greeting as soon as your phone is activated.

1. Using your MOTOROLA TITANIUM, call your wireless phone number.
2. Follow the system prompts to:
 - Create your password.
 - Record your name announcement.
 - Record your greeting.

Note: Voicemail password: It is strongly recommended that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

For more information about using your voicemail, (see “Voicemail” on page 57.)

Account Passwords

With Sprint service, you enjoy unlimited access to your personal account information and voicemail account. To ensure that no one else has access to your information, you need to create passwords to protect your privacy.

Account Username and Password

If you are the account owner, you will create an account username and password when you sign on to www.sprint.com. (Click **Sign in** and then click **Sign up now!** to get started.) If you are not the account owner (if someone else receives the bill for your service), you can get a sub-account password at www.sprint.com.

Voicemail Password

You will create your voicemail password when you set up your voicemail. See “Setting Up Voicemail” on page 4 for more information on your voicemail password.

Getting Help

Managing Your Account

Online: www.sprint.com

- Access your account information.
- Check your minutes used (depending on your service plan).
- View and pay your bill.
- Enroll for online billing and automatic payment.
- Purchase accessories.
- Shop for the latest phones.
- View available service plans and options.

From Your MOTOROLA TITANIUM

- Touch  **Dialer** *  **2**  to check minute usage and account balance.
- Touch  **Dialer** *  **3**  to make a payment.
- Touch  **Dialer** *  **4**  to access a summary of your wireless service plan or get answers to other questions.

- Touch  **Dialer** *  **7**  to add a new line of service, upgrade your device, purchase accessories, or access other account services.

From Any Other Phone

- Sprint Customer Service: **1-800-639-6111**.
- Business Customer Service: **1-877-639-8351**.

Operator Services

Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

- ▶ Touch  and then press .

For more information or to see the latest in products and services, visit us online at www.sprint.com.

2. Phone Basics

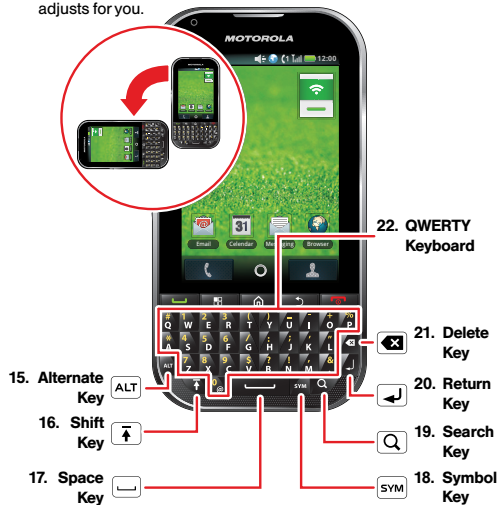
- ◆ Your Phone (page 6)
- ◆ SIM Card, Memory Card, and Battery Information (page 9)
- ◆ Turning Your Phone On and Off (page 16)
- ◆ Home Screen (page 20)
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- ◆ Battery Cool Down (page 29)
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Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Your Phone



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



Key and Connector Functions

1. **3.5mm Headset Jack** lets you attach a headset.
2. **Speaker Button** (🔊) lets you turn the speakerphone on or off during a call. From the home screen, pressing the Speaker Key turns Direct Connect speaker mode on and off.
3. **Notification LED** alerts you of email, voicemail, text messages, and low battery power.
4. **Volume Button** lets you adjust the ringer volume from the home screen, the voice or speaker volume during a call, and the speaker volume while using the music player or other applications.
5. **Direct Connect (DC) Button** lets you use Nextel Direct Connect®. (See page 38.)
6. **Menu Key** (☰) lets you access the options menus (including **Settings**) from the home screen and context-sensitive menus from other screens.
7. **Talk Key** (📞) lets you make or receive calls, answer Call Waiting, or switch between two calls. Press and hold to activate Voice Control.
8. **Micro USB Connector** lets you connect a charger or other accessories to your phone.

9. **Camera Button** () activates the camera and lets you take pictures.
10. **End/Power Key** () lets you end calls. Press and hold to open the phone options menu where you can turn the phone off, turn Airplane mode on or off, and turn Silent mode on or off.
11. **Back Key** () returns you to the previous screen.
12. **Home Key** () brings you back to the home screen. Press and hold to display the active apps menu.
13. **Touchscreen** input lets you access all the phone's menus and features, enter text, dial phone numbers, and more, using just your fingertips.
14. **Screen Lock Button** () lets you lock and unlock the touchscreen.
15. **Alternate Key** () . Press to type alternate characters such as numbers, punctuation, and special characters.
16. **Shift Key** () . Press to type a capital letter. Press twice to turn on Shift Lock and type all capital letters.
17. **Space Key** () . Press to advance the cursor a single space.
18. **Symbol Key** () . Press to insert symbols into text.
19. **Search Key** () . Press to open the search application.
20. **Return Key** () . Press to begin a new line in an email or text message.
21. **Delete Key** () . Press to delete a character. Press and hold to delete more than one character.
22. **QWERTY Keyboard** provides a full keyboard. It lets you enter letters, numbers, and punctuation, as well as navigate through menus.

SIM Card, Memory Card, and Battery Information

Your SIM Card

Locating the SIM Card

Your SIM (Subscriber Identity Module) card is a small card inserted into the SIM card holder within your phone below the battery.

If no SIM card came with your phone, contact Sprint Customer Service at 1-800-639-6111.

Most users will never need to remove or insert the SIM card. However, if it becomes necessary, follow the instructions in “Removing and Inserting the SIM Card” on page 10.

Important: The SIM card is designed for optimal Contacts storage and feature use. For SIM card compatibility information, visit www.nextel.com/sim.

In some cases, Contacts and Groups may not be accessible if you move your SIM card to another phone. Contacts and Groups created with your MOTOROLA TITANIUM may not be readable by an older iDEN SIM-based phone.

Note: Your MOTOROLA TITANIUM Contacts are managed and stored on your phone rather than on the SIM card. If you are using a SIM card from a previous phone, you can import your existing contacts from the SIM card to your MOTOROLA TITANIUM using the SIM Manager. Likewise, you can export your phone's Contacts to your SIM card. See “Import and Export Contacts” on page 104 for details.

WARNING: The first time you turn on your phone, your SIM card is linked to it. If you remove your SIM card and replace it with a different SIM card, your phone will perform a master clear when turned on and all data on the phone will be erased.

Removing and Inserting the SIM Card

Important: To avoid losing information stored in your SIM card, do not remove it from your phone unless absolutely necessary.

To remove your SIM card:

1. With your phone powered off, lift and remove the battery door.



2. Remove the battery.



3. Slide the SIM card out of its holder.



Note: Protect your SIM card as you would any delicate object. Store it carefully.

To insert your SIM card:

1. With your phone powered off, lift and remove the battery door.



2. Carefully slide the SIM card into your phone until it lies flat in the SIM card holder.



Important: Do not touch the gold-colored areas of your SIM card.

3. Insert the battery.



4. Replace the battery door, pressing down firmly on it to ensure it is secured properly.



Memory Card

A microSD memory card is provided with your phone.

Insert the Memory Card

1. With your phone powered off, lift and remove the battery door.



2. Open the memory card slot cover and slide in the memory card until it clicks into place.



3. Close the memory card slot cover.
4. Replace the battery door, pressing down firmly on it to ensure it is secured properly.



For more information about your phone's memory card, see "10. microSD Card" on page 121.

Battery and Charger

WARNING: Use only Sprint-approved or Motorola-approved batteries and chargers with your phone. The failure to use a Sprint-approved or Motorola-approved battery and charger may increase the risk that your phone will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.

Caution: Please read "Battery Use and Safety" on page 139.

Sprint-approved and Motorola-approved batteries and accessories can be found at Sprint Stores or through Motorola. You may order online at www.sprint.com or by calling 1-866-866-7509.

Your phone's Lithium Ion (Li-Ion) battery allows you to recharge it before it is fully drained.

When the battery reaches 5% of its capacity, your phone makes a sound and displays a message. When there are approximately two minutes of talk time left, the phone sounds an audible alert and then turns off.

Note: Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times. See "Battery Tips" on page 28 for more details on extending battery life.

Tip: Watch your phone's battery level indicator and charge the battery before it runs out of power.

Installing the Battery

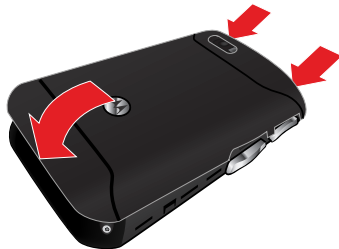
1. With your phone powered off, lift and remove the battery door.



2. Insert the battery into the opening, making sure the connectors align. Gently press down to secure the battery.



3. Replace the battery door, pressing down firmly on it to ensure it is secured properly.



Removing the Battery

1. Make sure the power is off so that you don't lose any stored numbers or messages. Remove the battery door.



2. Lift the battery to remove it.



WARNING: Do not handle a damaged or leaking battery as you can be burned.

Charging the Battery

Charge your battery as soon as possible so you can begin using your phone.

Always use a Sprint-approved or Motorola-approved desktop charger, travel charger, or vehicle power adapter to charge your battery.

Using the Phone Charger

- Plug the flat end of the charger into the phone's micro USB connector and the other end into the wall socket connector. Plug the wall socket connector to an electrical outlet.



With the approved Li-Ion battery, you can recharge the battery before it becomes completely run down.

Turning Your Phone On and Off

Turning Your Phone On

- ▶ Press and hold  **End/Power** for approximately two seconds.

As your phone connects to the network, you see a connecting message. Your phone may require you to enter identifying information to use it or to access specific features.

Note: If your phone's SIM PIN is set, you will be prompted to enter your SIM PIN code when you turn on your phone. Press  **Menu**, enter the four-digit SIM code, and touch **OK** to allow phone transmissions as prompted.

Turning Your Phone Off

- ▶ Press and hold  to open a phone options menu, where you can turn off the phone (**Power off**), or turn **Airplane mode** or **Silent mode** on or off.

Touchscreen and Keys

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, press **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

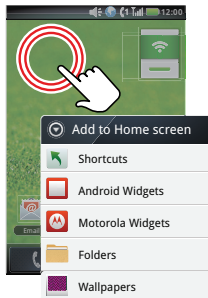
Touch

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



Touch and Hold

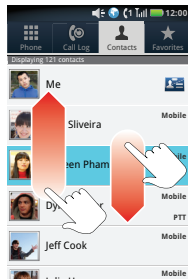
To open special options, *touch and hold* an icon or other item. Try it: In the home screen, touch  **Contacts**, and then touch and hold a contact to open options.



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.

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.



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  > **List Gestures**. You’ll also see several gestures that are unassigned.

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

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

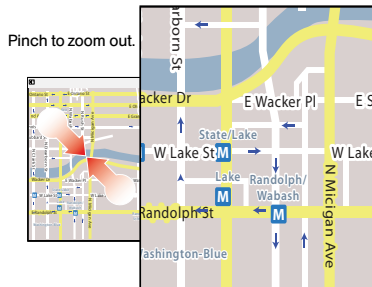


Zoom

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

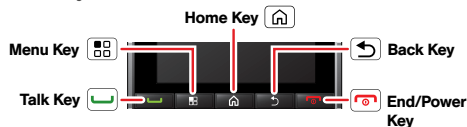
Tip: For maps you can also touch  to zoom in, or  to zoom out.

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



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 Phone options 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 and 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 . To wake up the touchscreen, just press 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 90.



Adjust Volume

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



Rotate the Screen

To set the touchscreen to stay right-side up when you turn your phone, touch  >  **Settings** > **Sound & display** and uncheck the **Orientation** check box.

Note: Not all applications are designed to rotate.

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:



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 and Change Your Home Screen

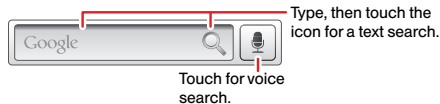
On your home screen, *shortcuts* are icons that open your favorite apps, Web bookmarks, contacts, email, or music. *Widgets* show you news, weather, messages, and other updates.

- To **open** something, touch it. Press **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

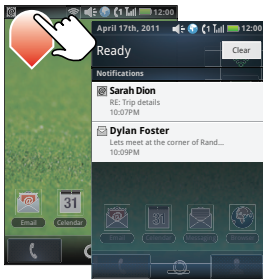
To search, press  **Search**, touch the text field, and enter your search using the keyboard.



View Notifications and 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. Click the bar down to show notification details.

This list identifies the symbols you'll see on your phone's display screen:



Battery Strength — A fuller battery indicates a greater charge. The “lightning” icon (bottom rows) indicates the phone is charging.



Signal Strength — More bars next to the antenna indicate a stronger signal.



No Service — Your phone is without service. You cannot make or receive any type of call.



Phone In Use — Your phone is active on a phone call.



Direct Connect In Use — Your phone is active on a Direct Connect call.



Group/Talkgroup In Use — Your phone is active on a Group Connect or Talkgroup call.



Bluetooth® In Use — Your phone is using Bluetooth. If this icon is black, your phone is in discoverable mode. If this icon is light gray, a Bluetooth connection is active.



Active Phone Line — 1 indicates phone line 1 is ready to make calls; 2 indicates phone line 2 is ready to make calls.



Call Forward — Your phone is set to forward calls. See “Call Forwarding” on page 66.



Ringer Off — All sound is turned off on your phone. See “Vibrate All” on page 84.



Speaker Off — Direct Connect sound is set to come through the earpiece rather than through the speaker.



Speaker On — Direct Connect sound is set to come through the speaker rather than through the earpiece.



Vibrate — Your phone is set to vibrate and not to ring.



Internet — You are ready to browse the Internet or are browsing the Internet using a secure connection. See “5. Web and Data Services” on page 71.



Airplane Mode — Your phone is set not to receive calls and other transmissions. See “Airplane Mode” on page 87.



TTY — You are ready to use your phone to make calls using a TTY (text telephone) device. See “Telecommunications Relay Service” on page 68.



Hearing Aid — Your phone is set for use with a hearing aid and is active on a phone call. See “Hearing Aid Compatibility With Mobile Phones” on page 153.



Text Message — You have one or more text messages. See “Receiving Messages” on page 56.



Email — You have one or more emails.



Voicemail — You have one or more voicemails.



Data Sync — Your phone is downloading email and synchronizing your calendar with your personal, Exchange accounts.



GPS — Your phone's GPS is active.



Missed Call — You have one or more missed calls.



Wi-Fi — Your phone is connected to a wireless network.



Calendar Event — Notification for an upcoming event on your calendar.



Alarm Clock — Your alarm clock is set to ring.



Chat — You have an active Google Talk chat.

Notification Light

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



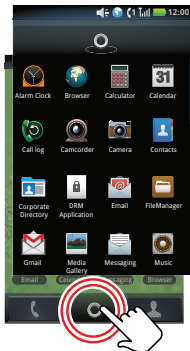
App Menu

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  or .

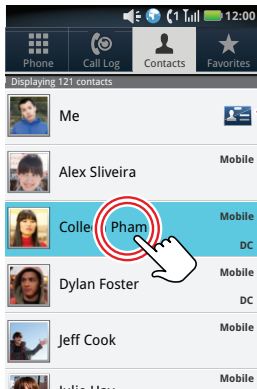
Recent Apps

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



Displaying Your Numbers

Touch  **Contacts** and touch the first contact. The first contact in the **Contacts** list will always contain your phone's information.



My Info

Your details—always first in the list.

Contacts List

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

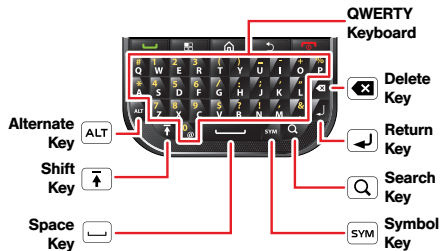
Menu Options

Press  to create, filter, and sync contacts.

Entering Text

Your phone gives you the option of entering text using the full QWERTY keyboard or using one of two touchscreen keyboards.

Physical Keyboard



General Tips

To...

Enter **symbols** chosen from a list

Press **SYM Symbols**.

Enter **alternate** characters in the corners of keys

Press **ALT Alternate**.

Enter **several alternate** characters until you press **ALT Alternate** again.

Press **ALT Alternate** 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 Keyboards

Touch a text field to open a touchscreen keyboard. Press  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 and hold a blank spot in the text box. A menu opens where you can choose **Input method > Swype** or **Android keyboard**.

Android Keyboard

Use the Android™ keyboard 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 Keyboard

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

Touch  >  **Settings** > **Language & keyboard**.

- To change your Swype settings, touch **Swype**.
- To change the language and the style for your touchscreen keyboard, touch **Select locale**.
- To edit your word suggestion dictionary for the Android keyboard, touch **User dictionary**.
- To change your Android keyboard settings, touch **Android keyboard**.

- To show the touchscreen keyboard when holding your phone vertically, touch **Show soft keypad in portrait**.
- To change the device keyboard settings touch, **Device Keyboard**.

Tips and Tricks

General Tips

To...

Return to the home screen	Press  .
See recently dialed numbers	Press  .
Sleep/wake your phone	Press  .
Set screen timeout	Touch  >  Settings > Sound & display > Screen timeout .

To...

Turn sound on or off	Press and hold  > Silent mode .
Search	Press  .
Show last few apps used	Press and hold  .
Turn airplane mode on/off	Press and hold  > 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 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 20).

- 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).

Battery Cool Down

In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see “Cool Down” messages. To avoid possible damage to your battery and phone, you should follow the onscreen 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**.

Accessories

Your MOTOROLA TITANIUM comes with the following accessories:

- A Li-Ion battery and charger.
- A128K SIM card.
- A 2GB microSD card.

Various accessories are available for use with your MOTOROLA TITANIUM, including cases, vehicle power chargers, data cables, hands-free accessories, and more.

To order additional accessories, go to www.sprint.com or call 1-866-866-7509. You can also stop by any Sprint Store. For information on Sprint Store locations, go to www.sprintstorelocator.com.

Using a Remote Direct Connect Button

If you are using a headset or other optional accessory with a remote Direct Connect button, you can use the remote Direct Connect button for phone calls, Direct Connect calls, and Group Connect calls.

For phone calls, use the remote Direct Connect button to answer calls, switch between calls, and end calls. Hold the remote Direct Connect button for less than two seconds to answer calls and switch between calls. Hold the remote Direct Connect button for more than two seconds to end calls.

For Direct Connect calls and Group Connect calls, use the remote Direct Connect button as you would the Direct Connect button on your phone.

When using a headset, the Direct Connect button on your phone works the same way as when you are not using a headset. Direct Connect and Group Connect sounds will be heard through the headset.

3. Making and Answering Calls

- ◆ Types of Calls (page 31)
- ◆ Phone Calls (page 32)
- ◆ Nextel Direct Connect (page 38)
- ◆ Group Connect (page 41)
- ◆ Nextel Direct Send (page 43)
- ◆ Talkgroups (page 47)
- ◆ Call Alerts (page 49)
- ◆ Direct Talk (page 51)

Types of Calls

With the Nextel National Network, Nextel Direct Connect, and your MOTOROLA TITANIUM, you have the following traditional wireless phone and Nextel Direct Connect services available to you:

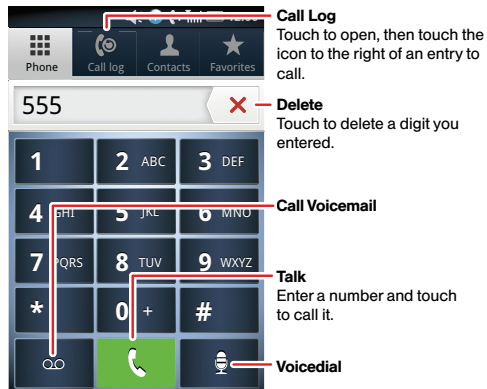
- **Digital Wireless Phone Calls** offer clear calls and other services, such as missed call notification, Three-Way Calling, and speakerphone.
 - **Direct Connect Calls** allow two-way radio communication with another Direct Connect user within the Nextel National Network (page 38).
 - **Group Connect Calls** allow coast-to-coast two-way radio calling to up to 20 Nextel Direct Connect customers simultaneously (page 41).
 - **Nextel Direct Send** allows you to send contact information in Direct Connect and Group Connect calls and send pictures in Direct Connect calls (page 43).
 - **Talkgroup Calls** allow two-way radio calling to up to 200 Nextel Talkgroup customers simultaneously (page 47).
- Note:* To learn more about the differences between Nextel Group Connect calls and Talkgroup calls, please see “Difference Between Group Connect and Talkgroup Calls” on page 47.
- **Nextel Direct Talk** allows for two-way radio communication “off the network” between two or more phones equipped with this capability (page 51).

Phone Calls

Placing a traditional wireless phone call from your MOTOROLA TITANIUM is as easy as making a call from any landline phone.

1. Touch  **Dialer**, enter a number, and then press  **Talk**.
2. Press  **End/Power** when you are finished.

You can also make calls from your phone by selecting numbers directly from Contacts (page 36) or your Call log (page 37).



Answering Calls

- Press  to answer an incoming call.

Tip: Depending on your phone's lock state, you can also answer calls by dragging  to the right or by touching **Answer**.

Note: When your phone is off, calls go directly to voicemail.

Your phone notifies you of incoming calls by any combination of ringing or vibrating, the backlight illuminating, or the screen displaying an incoming call message.

If the incoming call is from a number stored in your Contacts, the entry's name is displayed. The caller's phone number may also be displayed, if available.

Ending a Call

- To end a call, press .

Missed Phone Calls

Missed phone calls are forwarded to voicemail. When you do not answer an incoming call, you will see a Missed Call notification.

To display a Missed Call entry from the notification bar:

- Drag the notification bar down and touch the missed call notification.

To display a Missed Call entry from the home screen:

1. Press  or touch  **Dialer** > **Call Log**.

2. Touch an entry.

Emergency Calls

Your phone supports emergency calling. Emergency phone calls can be made even when your SIM card is blocked or not in your phone.

- Touch  **Dialer**, enter **911** and press  to be connected to an emergency response center. If you are on an active call, you must end it before calling 911. If your phone is locked, touch the **Emergency call** button at the bottom of the screen.

When you make an emergency call, your phone's GPS Enabled feature can help emergency service personnel find you, if you are in a location where your phone's GPS antenna has established a clear view of the open sky and your local emergency response center has the equipment to process location information. See "Location Services (GPS & AGPS)" on page 148. Because of the limitations of this feature, always provide your best knowledge of your location to the emergency response center when you make an emergency call.

Important: Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs) may not be equipped to receive GPS location information from your phone.

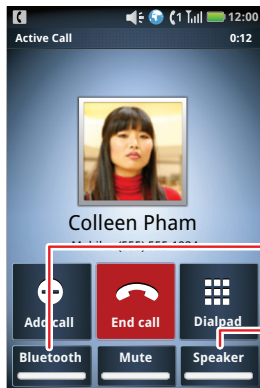
If you have not registered on the network, emergency calls cannot be placed while your SIM card is in your phone.

If you are bringing your phone number to Sprint from your previous carrier, you may receive a temporary telephone number while your Nextel phone is being programmed with your permanent phone number. If you make a call to 911 and the call fails, the 911 emergency response center will not be able to call you back on your Nextel phone if in the meantime, your Nextel phone has been programmed with your permanent telephone number. If the call is disconnected before location and details have been provided, call 911 again and advise that you were disconnected.

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

Note: Your phone can use location based services (GPS and AGPS) to help emergency services find you. See “Location Services (GPS & AGPS)” on page 148.

In-Call Options



Bluetooth

Touch to connect or disconnect a Bluetooth device.

Speaker

Touch to turn the speakerphone on/off.

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

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

- **Add call** to place a second call.
- **End call** to end a call.
- **Dialpad** to open the dialpad.
- **Bluetooth** to disconnect a bluetooth device.
- **Mute** to mute your phone's microphone. Touch **Mute** again to unmute your phone's microphone.
- **Speaker** to route the phone's audio through the speaker or the earpiece.

Tip: You can also press **Speaker** to turn the speaker on and off.

WARNING: Because of higher volume levels, do not place the phone near your ear during speakerphone use.

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**.

Unanswered Calls

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

- Touch  >  **Settings** > **Call settings** > **Auto text reply** > **Incoming call**.

Saving a Phone Number

1. Touch  **Dialer**, enter a phone number, and press .
2. Touch **Add to contacts**.
3. To store a new entry, touch **Create new contact**.
– or –
Search for an existing contact name and touch it to open the contact.

4. Enter or edit information as necessary, and then scroll to the bottom of the entry and touch **Done** to save the Contact.

For more information about Contacts, see “8. Contacts” on page 98.

Finding a Number

To find Contacts entries, you can either scroll through the list by dragging your finger up or down the screen, or you can search Contacts entries by name.

1. Touch  **Contacts**.
2. Press  > **Search**.

Tip: You can also press  **Search**.

3. Enter the first few letters of a Contact's name. Your phone will display a list of matching contact entries.
4. To display the Contacts entry, touch the contact name. Touch a phone number to place a call.

Phone Numbers With Pauses

You can dial or save phone numbers with pauses for use with automated systems, such as voicemail, conference call, or credit card billing numbers.

There are two types of pauses available on your phone:

- **Wait** sends the next set of numbers when prompted.
- **Pause** automatically sends the next set of numbers after three seconds.

Note: You can have multiple pauses in a phone number and combine waits and pauses.

To dial or save phone numbers with pauses:

1. Touch  **Dialer** and enter a phone number.
2. Touch and hold  until the letter **P** appears. The **P** represents a three-second pause. For a longer pause, touch and hold  again to enter more pauses. Each **P** represents a three-second pause.
– or –

Touch and hold  until the letter **W** appears. The **W** means your phone waits before dialing further. A message appears asking about sending the rest of the digits.

3. Enter additional numbers.

4. Press  to dial the number.

– or –

Press  > **Add to contacts** to save the number in your Contacts.

Making a Call From Contacts

1. Touch  **Contacts**.
2. Touch an entry to open it.
3. Touch a phone number to place a call.

Making a Call From the Call Log

1. Touch  **Dialer** > **Call Log**.
2. To call a number, touch  phone call,  Direct Connect call, or  group call icon on the right.

Changing a Direct Connect Call

- Touch **Call** while in an active Direct Connect call to initiate a phone call to the other person (if their mobile phone number is stored in Contacts).

Nextel Direct Connect

Sprint offers the following Nextel Direct Connect® services:

- **Direct Connect®** allows instant two-way radio communication with another Direct Connect user anywhere on the Nextel National Network (U.S.).
- **International Direct Connect** allows Direct Connect calling to and from select countries.
- **Group Connect®** allows nationwide Direct Connect calling to up to 20 other Direct Connect users at once. (See “Group Connect” on page 41.)

- **TalkgroupSM** allows Direct Connect calling to up to 200 Nextel subscribers in the same Direct Connect network. See “Talkgroups” on page 47.
- **Nextel Direct TalkSM** lets you establish off-network, two-way radio communication between two or more Nextel Direct Talk-capable phones. See “Direct Talk” on page 51.

See www.sprint.com for more details on these Direct Connect services. Pricing for each of these services is based on your service contract.

Making Direct Connect Calls

1. Touch  **Dialer** and enter a Direct Connect number. See “Dialing Direct Connect Numbers” on page 39.
2. Press and hold the Direct Connect (DC) button on the left side of your phone. Begin talking after your phone emits a chirping sound.
3. Release the DC button to listen.



A Direct Connect call ends automatically after there is no activity on the call for several seconds.

Dialing Direct Connect Numbers

Every Direct Connect number has three parts:

- An area ID
- A network ID
- A member ID

An asterisk separates each part (for example: 999*999*9999). When you enter a number containing all three parts, you must separate them with asterisks.

Note: The number of digits in each part of a Direct Connect number may vary. For example, your Direct Connect number may be formatted as 999*999*9999, while another valid number may appear as 555*55555*55.

If you are calling or saving a Direct Connect number for a Sprint phone with Direct Connect capabilities, the Direct Connect number may be the same as the wireless phone number. When dialing or saving the Direct Connect number, insert asterisks in place of hyphens (913*555*1234).

Tip: When you store a Direct Connect number in Contacts, be sure to include the entire number, including the asterisks.

Using Just the Member ID

If you are contacting someone sharing your network and area IDs, you only need to enter the member ID (the last part of the number).

1. Touch  **Dialer** and enter a member ID.
2. Press and hold the DC button.

Making Direct Connect Calls From Contacts or the Call Log

If you have numbers stored in Contacts (page 101) or the Call log (page 96), you can use these numbers to make calls.

1. Touch  **Contacts**, or touch  **Dialer** > **Call log**.
2. Touch an entry and then press and hold the DC button to call the entry's Direct Connect number.

Tip: You can make Direct Connect calls while viewing entry details on either list. Display the entry details or **My Info** from another phone (in the Call log) and press and hold the DC button.

Answering Direct Connect Calls

When you receive a Direct Connect call, your phone emits a tone or vibrates. You then hear the voice of your caller.

1. Wait for the caller to finish speaking.
2. Press and hold the DC button. Continue as you would on any Direct Connect call.

A Direct Connect call ends automatically after there is no activity on the call for several seconds.

Direct Connect Timeout

You can extend the automatic timeout of a Direct Connect call by about 30 seconds using the **Resume DC** setting.

- Touch  > **Settings** > **Call settings** > **Direct Connect settings** > **Resume DC**.

One Touch Direct Connect

You can customize the DC button for quick access to Direct Connect functions.

- Touch  > **Settings** > **Call settings** > **Direct Connect settings** > **One Touch DC**.

Options

Off

Turn off **One Touch DC**.

Launch DC Contact List

Open a list of Direct Connect contacts on your phone.

DC a selected contact

Start a Direct Connect call with the selected contact.

Options

DC the most recent number

Start a Direct Connect call with the most recent Direct Connect number in the **Call log**.

Tip: You can also add the **One Touch DC** widget to your home screen. See “Use and Change Your Home Screen” on page 21.

Group Connect

A Group Connect call is similar to a Direct Connect call to one user, but is made to multiple Direct Connect subscribers at once. You can create Groups from your phone and call up to 20 other Group Connect-compatible phones* anywhere on the Nextel National Network. You can create a Group for one-time use or store it to Contacts so you can call it at any time.

* *Not all phones are Group Connect-compatible. See www.sprint.com for more details on Group Connect.*

Note: In order to store Groups to your MOTOROLA TITANIUM, you must use the 128K SIM card that came with your phone. The 128K SIM card is labeled “Nextel 600 Contcs & 25 Grps”. With this SIM card, a maximum of 25 groups can be added to your MOTOROLA TITANIUM. Group entries created with your MOTOROLA TITANIUM may not be readable by older iDEN SIM-based phones.

Making Group Connect Calls

1. From Contacts or the Call log list, touch a Group to open it.
2. Press the DC button.

Answering Group Connect Calls

- Proceed as if answering a Direct Connect call from one user. Only one person at a time may speak on a Group Connect call.

Creating Groups in Contacts

1. Touch  **Contacts** >  > **New group**.
2. Touch the check box to the right of the entry names to select the group members.
3. Touch **Save** to store the Group in Contacts.

Note: If you do not assign a name, the Group is named (Group).

4. Touch **Done**.

Adding Group Members

To add member to a Group stored in Contacts:

1. Touch  **Contacts** and touch a Group to open it.
2. Press  > **Edit group**.
3. Touch **Add members** and select members to add.
4. Touch **Done** and then touch **Done** again to save the contact.

Starting a Group Connect Call With a Direct Connect Number

1. Touch  **Contacts** >  > **New DC group**.
2. Select the group members.
3. Touch **Direct Connect**.
4. When prompted, press the DC button.

Removing Members or Groups

To remove a member from a Group:

1. From Contacts, touch a Group to open it, and then press  > **Edit group**.
2. Touch a member's listing to remove it from the Group.
3. Touch **Done**.

To delete a Group from Contacts:

1. Touch a Group to open it.
2. Press  > **Delete group**.
3. Touch **OK**.

Storing Groups

To store a group to Contacts from the Call log list:

1. From the Call log list, touch a Group to open it, and then touch **View participant list**.
2. Touch **Add to contacts**.
3. Touch **Done** to save the group.

Group Connect Call Information

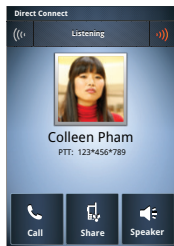
While you are in a Group Connect call, the following appears on the screen:

- The name of the Group.
- The name or the Direct Connect number of the person speaking.
- The number of members who are participating in the Group Connect call.

Nextel Direct Send

Nextel Direct Send lets you use Direct Connect calls to exchange pictures, My Info, contact information, and Groups with other phones that have this capability.

Nextel Direct Send cannot be used during Talkgroup calls. Pictures cannot be sent in Group Connect calls.



Sending a Picture

Sending a Picture During a Call

You can send a picture at any time during a Direct Connect call, whether you made or received the call. (Additional charges may apply.)

You cannot talk or listen on a Direct Connect call while a picture is being transmitted. Other activities, such as searching for a picture, do not prevent you from talking or listening.

To send a picture during a call:

1. While in a Direct Connect call, touch **Share > Share picture**. A list of pictures that can be included in a Direct Connect call appears.
2. Select a picture and press the DC button to send it.
3. Wait while the picture is transmitted. The Direct Connect call is temporarily interrupted while a picture is transmitted.
4. When prompted, press the DC button to resume the Direct Connect call.

Note: The first time you send a stored picture after turning the phone on, the message **Picture fees may apply** appears and you are prompted to respond. Touch **OK** to send the picture. Touch **Cancel** to cancel.

Starting a Call by Sending a Picture

You can start a call by choosing a stored picture from the Media Gallery.

To do this, you must have the recipient's Direct Connect number and IP address stored in your Contacts.

Tip: When a person sends you My Info from his or her phone, you can then easily store this information to Contacts from the Call log list.

To start a call by sending a picture:

1. Touch  >  **Media Gallery > All Pictures**.
2. Touch and hold a photo, then touch **Share**.
3. Touch **DC**, and touch **DC contacts** or **DC call log**. These names have Direct Connect numbers and IP addresses stored.
4. Select a name and press the DC button to send the picture.
5. When prompted, press the DC button to resume the Direct Connect call.

Receiving a Picture

When someone sends you a picture using Nextel Direct Send, your phone emits a tone or vibrates and a message appears on the display asking you to accept the picture.

Pictures you receive are saved to your microSD card and are accessible through the Media Gallery.

To accept a picture:

1. When you see the message asking you to accept the picture, touch **Accept**. (To decline the picture, touch **Reject**.)
2. Wait while the picture is transmitted. The Direct Connect call is temporarily interrupted while a picture is transmitted.
3. When prompted, press the DC button to resume the Direct Connect call.

Note: The first time you accept a stored picture after turning the phone on, the message **Picture fees may apply** appears and you are prompted to respond. Touch **OK** to accept the picture. Touch **Cancel** to cancel.

Tip: To stop the transmission before it is finished, touch **Cancel**.

Sending My Info and Contact Information

When you send My Info or contact information using Nextel Direct Send, the information you send appears on the display of the receiving phone. After the call, the information appears on that phone's Call log list.

Sending My Info

You can control what portion of the information in My Info is sent, and whether it is sent automatically in every Direct Connect call or only when you choose to send it.

Note: When you send your contact information, certain information, such as street addresses or custom entries, chat addresses, organizations, and notes cannot be included.

The information your phone sends always includes My Name and Direct Connect.

It may include **Line 1**, **Line 2**, **Direct Connect**, and **Group ID** depending on how you set your sending options.

Note: The My Info feature gets its information from your phone's contact entry. To add more information to My Info, edit your phone's contact entry, and then select the additional fields in the **Select info to share** screen.

The default setting is **Line 1** only.

To change which fields are sent:

1. Touch  >  **Settings > Call settings > Direct Connect settings > Sharing info > Select info to share**.

2. A check mark appears next to the fields that will be sent. To add or remove the check mark, touch it.
3. When you are finished, touch **Save**.

To control whether your information is sent automatically:

- Touch  >  **Settings** > **Call settings** > **Direct Connect Settings** > **Sharing info** > **Share My Info**.

Note: When you receive your phone, it is set to send your information automatically.

To send My Info during a call:

1. While in a Direct Connect call, touch **Share** > **Share my info**.
2. When prompted, press the DC button to send the information.

To start a call by sending My Info:

1. Touch  **Contacts**.
2. Touch and hold the contacts entry containing your phone's information. This contact will always be the first entry in the contacts list and will have  to its right.

3. Touch **Share** > **Share via DC**.
4. Touch a Contact or Call log entry to select it.
5. When prompted, press the DC button to send the information.

Sending Contact Information

You can send contact information by selecting a Contacts entry.

Contacts entries that contain only addresses cannot be sent. When Contacts entries are received, they do not include ringtones or pictures.

To send contact information during a call:

1. While in a Direct Connect call, touch **Share** > **Share contact**.
2. Select a contact to send
3. When prompted, press the DC button to send the information.

Note: If the Contacts entry you scrolled to is a Group, you may be prompted to allow yourself to be a part of the group being sent. Touch **OK** to become part of the group.

To start a call by sending contact information:

1. From Contacts, touch and hold a contacts entry.
2. Touch **Share** > **Share via DC**.

Note: If the Contacts entry you scrolled to is a Group, you may be prompted to allow yourself to be a part of the group being sent. Touch **OK** to become part of the group.

3. Select a recipient by touching a DC Contact or DC Call Log entry.
4. When prompted, press the DC button to send the information.

Receiving My Info or Contact Information

When you receive My Info or contact information from another phone,  appears on the display.

To view the information while still in the Direct Connect call:

- ▶ Press  > **View Contact**.

You can also view My Info from other phones on the Call log list. See “7. Call Log” on page 94.

Talkgroups

A Talkgroup is a predetermined group of Direct Connect users, created by an account administrator. Talkgroups can contain up to 100 members.

Difference Between Group Connect and Talkgroup Calls

In a Group Connect call, you or another caller determines who can participate in the call. By contrast, participation in a Talkgroup is determined by an administrator. Here are the ways Group Connect and Talkgroup calls differ.

	Group Connect	Talkgroup
Geography	Nationwide	Limited to local market and network (fleet)
Maximum Group Size	21 (including originator)	200

Setup

Group Connect	Talkgroup
Dynamically, via your phone	Predefined, via Nextel administrator using Talkgroup Management

Joining a Talkgroup

To participate in a Talkgroup, the account administrator must first add you to the membership and then you must “join” the Talkgroup.

1. Touch  **Contacts** and touch a Talkgroup to open it.
2. Touch **Join**.

You can now receive communications from other members of this Talkgroup.

You will hear all active Talkgroup conversations on your phone. To silence them, touch  >  **Settings** > **Call settings** > **Direct Connect settings** > **Talkgroups** > **Silence Talkgroups**.

Adding More Talkgroups

You can be included in additional Talkgroups by doing one of the following:

- Using Talkgroup Management at www.nextel.com. You must be an account administrator to use Talkgroup Management.
- Contacting your Nextel Sales Representative at the time of activation.

Making Talkgroup Calls

1. Touch  **Dialer**, touch , and then enter the Talkgroup number.
– or –
Select the Talkgroup from Contacts or the Call log list.
2. Press the DC button and continue as if making a Direct Connect call.

Receiving Talkgroup Calls

- Answer it as you would a regular Direct Connect call. Only one person at a time may speak on a Talkgroup call.

During and immediately after a Talkgroup call ends, press  > **Options** to display any available options.

Call Alerts

Call Alerts let you notify others that you want to communicate with them using Direct Connect. When a user receives a Call Alert, the phone sounds a tone and displays your name or Direct Connect number.

Sending Call Alerts

1. Touch  **Dialer**, enter a Direct Connect number and press  > **Send alert**.
2. When prompted, press the DC button to send the Call Alert.

Note: You can send a Call Alert from the Call log or Contacts. Touch an entry with a Direct Connect number and then touch **Send Alert**.

Responding to a Call Alert

Note: You can set a distinctive ringer for Call Alerts. See “Ringtones” on page 83.

To answer a Call Alert:

- Press the DC button. This will start a Direct Connect call to the sender.

To dismiss a Call Alert:

- Touch **Dismiss**.

To store a Call Alert in Notifications:

- Touch **Later**.

Note: The Call log list also stores Call Alerts you have received. They appear as Direct Connect calls. Call Alerts remain in your Call log list until you delete them or until they reach the end of the list.

Using the Call Alert Notification

When you store a Call Alert, it remains in notifications until you clear the notification by opening it, or go into the **Call log**.

Viewing Call Alerts

1. Drag the Notification bar down from the top of the screen.
2. Scroll through the list.

Viewing Call Alert Date and Time

1. Touch the Call Alert notification.
2. In the **Call log** screen, touch the Call Alert.

Responding to Call Alerts in the Queue

After you queue a Call Alert, you can respond to it by making a Direct Connect call to the sender or sending a Call Alert to the sender.

To make a Direct Connect call to the sender:

1. Touch the Call Alert notification to open the **Call log**.
2. Touch the Call Alert Entry.

3. Press the DC button to begin the call.

This removes the Call Alert from the queue.

To send a Call Alert to the sender:

1. Touch  **Dialer > Call log**.
2. Touch a Call Alert entry to open it and touch **Send Alert**.
3. When prompted, press the DC button.

Deleting Call Alerts

To delete all Call Alerts from Notifications:

1. Drag the Notification bar down from the top of the screen.
2. Touch **Clear**.

Note: Touching **Clear** will clear all of your Notifications, not just your Call Alerts.

Call Status and Completion

After an failed outgoing Direct Connect call or Call Alert, you can send a message to the caller or intended recipient.

To set up a message for incoming or outgoing calls:

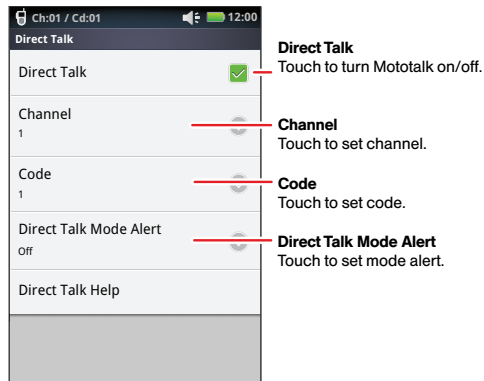
1. Touch  >  **Settings** > **Call settings** > **Auto text reply** > **Outgoing call**.
2. Select from **Off** or **Ask me to send text**, and touch **OK**.
3. Create a message to be sent, and touch **Update**.

To send a message after receiving or making a call:

1. After a failed outgoing Direct Connect call, within five seconds, **Auto text reply** box will appear.
2. Touch **Send** to send the message.

Direct Talk

Nextel Direct Talk allows for two-way radio communication “off the network” between two or more phones equipped with this capability. This feature is useful in areas without network coverage.



Tip: The status bar shows your channel and code.

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

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

You can make:

- **Code calls** – two-way radio calls conducted off the network and using open channels and codes. In these calls, anyone using your same channel and code can hear your conversation.
- **Private calls** – two-way radio calls conducted off the network and using the wireless phone numbers of the participants. In these calls, others using the same channel cannot listen in.

When using Direct Talk mode, the two phones should be a minimum of six feet apart to maximize performance and improve transmission range. You can only make Direct Talk calls to users located within your range. This varies according to terrain, man-made structures, and atmospheric conditions.

Most traditional phone features are not available in Direct Talk mode, including on-network phone calls;

Direct Connect, Group Connect, Talkgroup calls, and Call Alerts; data services; messaging; call timers; and call forwarding.

Setting Your Phone to Direct Talk

Before you and another caller can use Direct Talk, both of your phones must be set to Direct Talk mode.

1. Touch  >  **Direct Talk**.
2. Touch **Direct Talk**.

After a few seconds, your channel and code appear on the display screen. Your phone displays the last channel and code used for Direct Talk.

To return to network mode from Direct Talk:

1. Touch  >  **Direct Talk**.
2. Touch **Direct Talk**.

After a few seconds, your phone returns to network service.

Code Direct Talk Calls

To make Direct Talk Code calls, both parties must be on the same channel and code and have their phones set to Direct Talk. Anyone within range who is set to the same code and channel can hear all conversations.

To set a channel:

1. From the home screen, press  > **Direct Talk**.
2. Touch the **Channel** field, scroll to a channel and touch to select it.

To set a code:

1. From the home screen, press  > **Direct Talk**.
2. Touch the **Code** field, scroll to a code and touch to select it.

Making Code Calls in Direct Talk Mode

- In Direct Talk mode, press and hold the DC button. Begin speaking after you hear the Direct Talk tone. Release the DC Button to listen for a response.

The tone emitted from your phone when making a Direct Talk call sounds different from the tone heard on Direct Connect calls conducted on the network.

If you receive an error message, this means:

- There may be no parties on your channel or code.
- You are out of range.

Receiving Code Calls in Direct Talk Mode

After hearing the Direct Talk tone, you have six seconds to reply before the call times out.

To reply to the call, press and hold the DC Button.

Note: A Direct Talk can be ended at any time by pressing .

Private Direct Talk Calls

Private Direct Talk allows you to silence all the calls on a channel that are not directed specifically at you. To do this, you must first set your phone to Private Only.

To set your phone to Private Only:

1. From the home screen, press  > **Direct Talk**.
2. Touch the **Code** field, scroll to **Private Only** and touch to select it.

To reach you, other Direct Talk callers must be on your same channel and dial your ten-digit wireless phone number to reach you.

Note: You do not need to set your phone to Private Only to receive Private calls. If you are on the same channel as your caller, you can receive Private Direct Talk calls.

Making a Private Direct Talk Call

You can make Private Direct Talk calls to any person on your same channel. You do not need to set your phone to Private Only.

To make a private Direct Talk Call:

1. In Direct Talk mode, enter a ten-digit wireless phone number. (You can also select a number from Contacts or Recent Calls.)
2. Make the call in the same way you make a regular Direct Connect call.

If you receive an error message, it means:

- You may not be using a valid wireless phone number.
- The person that you are trying to reach may not be in Direct Talk mode.

- The person that you are trying to reach is set to a different channel, or is out of range.

Receiving All Calls on a Channel

You can set your phone to receive all Direct Talk transmissions that are within range and set to the same channel. Do this by selecting **Receive All**, instead of a code.

You cannot initiate a call when the code is set to Receive All. If you press the DC button to initiate a Direct Connect call and your code is set to Receive All, you receive an error message.

To set the code to Receive All:

1. From the home screen, press  > **Direct Talk**.
2. Touch the **Code** field, scroll to **Receive All** and touch to select it.

Making Emergency Calls While in Direct Talk Mode

If you attempt to make an emergency 911 call while in Direct Talk mode, your phone automatically exits Direct Talk mode and attempts to find a network signal.

If you are out of network coverage, your phone cannot make an emergency 911 call until you return to a network coverage area. You must wait until the phone reconnects to a network before attempting to make an emergency 911 call.

4. Service Features: *The Basics*

- ◆ Receiving Messages (page 56)
- ◆ Voicemail (page 57)
- ◆ Messaging (page 58)
- ◆ Caller ID Blocking (page 64)
- ◆ Call Waiting (page 65)
- ◆ Making a Second Call (page 65)
- ◆ Making a Three-Way Call (page 66)
- ◆ Call Forwarding (page 66)
- ◆ Making International Calls (page 68)
- ◆ Special Dialing Codes (page 68)
- ◆ Sprint Phone Services (page 69)

Receiving Messages

When you receive a message, you have two ways to access the message:

- Respond to the message notification that appears when the message is received.
- Access the message later through Messaging.

Message Notifications

When you receive a message, your phone notifies you with an icon in the notification bar and a notification tone or vibration.

For information on notification options, see “Setting Message Notification” on page 86.

Voicemail

Tip: To receive voicemail messages, you must first set up your voicemail box.

If you are bringing your phone number from another carrier, we suggest you set up your voicemail box after the number you brought to Sprint is active on your Nextel phone and your temporary phone number is deactivated. If you set up your voicemail box prior to this, all messages and all settings (including your greeting and password) will be lost when the number you have brought to Sprint becomes active.

Setting Up Your Voicemail Box

Using your MOTOROLA TITANIUM, dial your ten-digit Nextel Personal Telephone Number (PTN). For example: 7035557777. Follow the system instructions to create a new four- to seven-digit password, record your name, and record a greeting. When the system says, "Thank you for using Sprint Voicemail," your mailbox is set up.

If you are setting up your voicemail from a phone other than your MOTOROLA TITANIUM, dial your ten-digit Nextel PTN. When you hear the greeting, press ***** to

access your voicemail box. The system will prompt you to enter your password. Enter the last seven digits of your Nextel PTN. For example: 5557777. This is your temporary password. Follow the system instructions to complete your mailbox setup.

You are in the main voicemail menu when you hear the voicemail system options.

For details on using your voicemail, follow the audio prompts provided by the voicemail system.

Playing Messages

- ▶ To listen to your voicemail messages, touch **[Call] Dialer > [Voicemail]**. You will be connected to your voicemail box.
- ▶ To access your voicemail messages from another phone, dial your wireless phone number. When you hear the voicemail greeting, press ***** and then enter your voicemail passcode.

Messaging

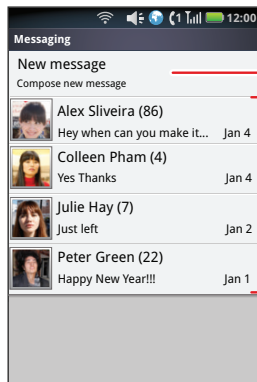
Messaging lets you send and receive messages that may include text, pictures, and audio recordings.

Your messaging address is PTN@messaging.sprint.com. Your PTN is your ten-digit Nextel Personal Telephone Number.

Note: Your messaging address is only needed if someone is sending you a message from an email account. Phone-to-phone messages only require your phone number.

Accessing Messages

► Touch  >  **Messaging**.



Touch to create a new message.

Message List
Touch to open a message. Touch & hold to view options.

To open a message:

► Touch  >  **Messaging** and then touch a message thread.

Creating and Sending Messages

Each message you create may contain the following fields:

- **To** — the phone numbers or email addresses of one or more recipients.
- **Message** — the body of the message. This may include text, pictures, ringtones, or voice records.
- **Subject** — the subject line. To add a subject, press  > **Add subject** and enter a subject.
- **Attach** — one or more attachments. These may be pictures, ringtones, or audio files, including voice records that you create while creating the message. To add an attachment, press  > **Attach**.

To send a message, you must address it to at least one recipient. All other message fields are optional and you can fill them in any order.

Entering Text

In message fields that require you to enter text, touch the message field to display the onscreen keyboard. If the keyboard is already displayed, begin typing whenever the field is highlighted. To use the QWERTY keyboard, just touch the field and begin typing.

Message Size

You can create and send messages of up to 100 KB, including attachments, for MMS.

Sending or Canceling

To send the message at any time after it has been addressed:

- ▶ Touch **Send**.

Creating a Message

1. Touch  >  **Messaging** > **New message**.
2. Address the message:
 - Touch **To**. Enter the phone number, contact name or email address from the keyboard. Use a comma to separate multiple phone numbers or email addresses. Once you begin typing, your phone will show a list of contacts that are possible matches for the letters you have typed.
3. Enter or edit the body of the message:
 - Touch the message field and then enter text using the keyboard.

4. To send the message without additional options, touch **Send**.

Adding More Message Options

1. To create the subject line, press  > **Add subject**, enter a subject, and touch **Next**.
2. To attach a picture, audio, voice recording, or video, press  > **Attach** and then select an option to attach a file.
3. To send the message, touch **Send**.

Replying to a Message

You can reply to a message while you are viewing it.

To reply to a message:

1. Touch a message to open it.
2. Touch the message field at the bottom of the page to enter your message.
3. Touch **Send**.

More Ways to Begin a Message

In addition to beginning a message from Messaging, you can begin a message from Contacts, the Call log list, the home screen, or the Media Gallery.

To begin a message from Contacts:

1. From the Contacts list, touch an entry.
2. Touch  to the right of the mobile number.
3. Create and send the message.

To begin a message from the Call log list:

1. From the Call log list, touch an entry.
2. Touch **Send text message**.
3. Create and send the message.

To begin a message from the Media Gallery:

1. From the **Media Gallery**, touch and hold a picture or video.
2. Touch **Share > Messaging**.
3. Create and send the message. The selected file is automatically included as an attachment.

Drafts

Messages you are creating are automatically saved as drafts when you exit the message screen. The message must be addressed to someone in order for it to be saved as a draft.

Accessing Saved Drafts

1. Touch  >  **Messaging**.
2. Draft messages have “Draft” in red letters next to them on the right.
3. Touch the message to open it and finish composing your message.

Forwarding Messages

1. Touch  >  **Messaging**.
2. Touch a message thread to open it.
3. Touch and hold a message and then touch **Forward message**.
4. Address, edit, and send your message.

Receiving a Message

When you receive an MMS message, a message notification appears on the notification bar.

To view the message:

- ▶ Drag the notification bar down from the top of the screen and touch the message notification.

This icon  appears on the display, reminding you that you have a new message.

Navigating a Message

As you scroll through a message, numbers, email addresses, and Web addresses are highlighted.

Pictures and audio recordings are also highlighted.

Attachments

Messages may contain pictures or audio files as attachments.

If a message contains a picture or audio file as an attachment, touch the attachment to view the picture or play the audio file.

Actions for Received Messages

Deleting

To delete messages:

1. Touch a message thread to open it.
2. Touch and hold a message and then touch **Delete message**.
3. Touch **Delete** to confirm.

To delete message threads:

1. Touch and hold a message thread and then touch **Delete thread**.
2. Touch **Delete** to confirm.

Forwarding

1. Touch a message thread to open it.
2. Touch and hold a message and then touch **Forward message**.
3. Address, edit, and send your message.

Embedded objects and attachments are included when you forward a message.

Calling a Number in a Message

If any field in a message contains a phone number, Direct Connect number, or Talkgroup ID, you can call or send a Call Alert to that number.

To make a call to a number in a message:

1. View the message.
2. Touch a number and press  to make a phone call or press the DC button to make a Direct Connect call.

To send a Call Alert to a Direct Connect number in a message:

1. View the message.
2. Touch the Direct Connect number and then press  > **Send alert**.
3. Press the DC button.

To make a Talkgroup call to a Talkgroup ID in a message:

1. View the message.
2. Touch the Talkgroup ID and then press  > **Join Talkgroup**.
3. Press the DC button.

Storing Message Information to Contacts

If a message you receive contains a phone number, Direct Connect number, Talkgroup ID, or an email address in any of the fields, you can store this information to Contacts.

1. View the message.
2. Touch and hold the message to display the message options, and then touch **Add <item> to Contacts**.
3. Touch **Create new contact** to store the number in a new entry, or touch an entry to store the information to an existing entry.
4. To change the contacts type (Mobile, Home, Work, etc.), touch the type next to the number or address and select a type.
5. Scroll to the bottom of the entry and touch **Done** when you have finished entering the information.

Going to a Website

If a message contains one or more Web addresses, you can go to the website.

1. View the message.

2. Touch the body of the message to display the **Select action** screen, and then touch the Web address. The Web page will open in your browser.

Note: The entire Web address must appear in the message. Otherwise, you cannot go to the website.

Saving Attachments

1. View a message.
2. Touch and hold an attachment and then touch **Copy attached to SD card**.

Message Groups

A Message Group allows you to send messages to groups of up to 20 contacts.

Create Message Groups

1. Touch  **Contacts** >  > **New Message Group**.
2. Touch the contacts you want to add to the group.
3. When you are finished adding members to the group, touch **Save**.

4. Touch **Phone**, enter a group name, and touch **Done**.

Note: If you do not provide a name for the message group, the default name will be **(Message Group)**.

Manage Message Groups

To view a Message Group:

- Touch  **Contacts**, and touch the message group.

To add members:

- Touch  **Contacts**, touch and hold the message group, and then touch **Edit group** > **Add members**. Touch the contact(s) you want to add and touch **Save**. Touch **Done**.

To 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**.

To delete a Message Group:

- Touch  **Contacts**, touch and hold the message group, then select **Delete group**. Touch **OK** to confirm.

Caller ID Blocking

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

Per-Call Blocking

To block delivery of your number for a single phone call:

- Press  **6** **7** before dialing the call.

Your Nextel phone number cannot be blocked from calls made to 911, 800, 855, 866, 877, 888, or other toll-free phone numbers.

Per-Line Blocking

You can request that Sprint Customer Service permanently block delivery of your phone number on every call you make. In this case, you may need to display your number for certain calls.

To show your number on a per-call basis:

- ▶ Press *** 8 2** before dialing the call.

Call Waiting

Call Waiting lets you receive a second call while on an active call. Call Waiting is always available, unless you turn it off for a specific call.

If you are on a call and receive a second call, your phone emits a tone and displays a message.

To accept the second call and put the active call on hold:

- ▶ Touch **Answer**.

To decline the second call:

- ▶ Touch **Ignore**. If you subscribe to voicemail, the call is forwarded to your voicemail box, unless you set **Call Forward** or **If Busy** to a different number.

Turn Off Call Waiting

To turn off Call Waiting before a call:

- ▶ Press *** 7 0** before dialing the call. Call Waiting is reactivated once the call ends.

Making a Second Call

1. Place or receive a phone call.
2. While the call is active, touch **Add call**. (The first call is placed on hold.)
3. Enter a second phone number and press  to place the call.

Note: For quick ways to enter the number, press .

To end the second call and make the on-hold call active:

- ▶ Press .

To make the on-hold call active and put the active call on hold:

- ▶ Touch **Switch Calls**.

Making a Three-Way Call

With Three-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. During an active phone call, touch **Add call**. (The first call is placed on hold.)
2. Enter a second phone number and press .
3. Touch **Merge calls**.

If one of the people you called hangs up during the call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when Call Forwarding is activated.

Call Forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or

forward missed calls to different numbers depending on the reason you missed the call.

Forwarding All Calls

When you set your phone to forward all calls,  appears in the top row of the display:

To forward all calls:

1. Touch  >  **Settings** > **Call settings** > **Call forwarding**.
2. Touch **Always forward**.
 - If you specified a forwarding number for this type of call before, this number displays. To forward all calls to this number touch **Enable**.
 - If no number is specified, touch the number field to display the dial pad, enter a phone number and touch **Done**.
 - or –
 - Touch the Contacts icon to the right of the number field and select a number from Contacts.
3. Touch **Enable** and press  to return to the home screen. All your calls are now forwarded to the number you specified.

Turning Off Call Forwarding

1. Touch  >  **Settings** > **Call settings** > **Call forwarding**.
2. Touch **Always forward**, **Forward when busy**, **Forward when unanswered**, or **Forward when unreachable**.
3. Touch **Disable**.

All your calls are now sent to your phone.

Forwarding Missed Calls

Calls you miss are forwarded according to the options set for missed calls. By default, missed calls are forwarded to voicemail.

You can specify a forwarding number for each type of missed call:

- **Forward when busy** — Your phone is on a call or transferring data.
- **Forward when unanswered** — You do not answer on the first four rings.
- **Forward when unreachable** — Your phone is out of coverage or powered off.

Note: You are charged a higher rate for calls you have forwarded.

To forward missed calls:

1. Touch  >  **Settings** > **Call settings** > **Call forwarding**.

Note: If your phone is set to forward all calls, you must first disable **Always forward** to access these options. (See “Turning Off Call Forwarding” on page 67.)

2. Touch **Forward when busy**, to specify a forwarding number for calls received when your phone is busy.
3. If you specified a forwarding number for this type of call before, this number displays.
 - To forward calls to this number, touch **Enable**, and go to step 6.
 - To delete this number, touch the text field, and then touch and hold .
4. To enter a forwarding number:
 - Enter the number and touch **Done** or touch the **Contacts** icon to the right to select a number from **Contacts**.

5. Touch **Enable**.
6. Repeat step 2 through step 5 for **Forward when unanswered** and **Forward when unreachable**.

Making International Calls

Your service default is “International Calls Restricted.” Contact Sprint Customer Service to obtain international dialing access.

Calls placed between the United States and Canada do not require an international access code.

Special Dialing Codes

Non-Emergency Numbers

Sprint supports many “non-emergency” numbers (such as #77, 311, and 511) provided by local and state governments. These numbers are used to report non-emergency incidents. If the situation includes imminent danger or loss of life, you should dial 911.

Telecommunications Relay Service

Sprint supports services for communicating with speech and/or hearing impaired individuals. You can dial 711 to reach a local Telecommunications Relay Center. You will then be connected to your destination number. Relay service works through a Communications Assistant who reads messages typed into a TDD/TTY device by a speech or hearing impaired individual to you. The Communications Assistant then types your spoken messages to the hearing or speech impaired individual. Telecommunications Relay Service is available 24 hours a day, seven days a week, and every call is strictly confidential.

Note: Using 711 to reach Telecommunications Relay Service may not be available in all areas.

To enable TTY mode:

1. Touch  >  **Settings > Call settings > TTY**.
2. Touch **HCO**, **TTY**, or **VCO** and then touch **OK**.
 - **TTY** – Type and read text on your TTY device.
 - **VCO** (Voice Carry-Over) – Speak into the phone and read text replies on your TTY.

- **HCO** (Hearing Carry-Over) – Type text on your TTY and listen to voice replies on your phone.

Sprint Phone Services

Contact Sprint Customer Service to obtain these services or for additional information.

Note: Some services are not available outside of the continental United States.

Second Line Service

You can have two different phone numbers on the same phone. With Second Line Service, you can:

- Get separate bills for each phone line.
- Bring in an existing wireless or home phone number to Sprint to activate on the second line.
- Have two different area codes (must be in same market) to convey a local image to callers.
- Use different ringer styles so that you can tell which line is receiving a call.
- Forward incoming calls to either your primary or alternate line phone number.

- Choose a Second Line Service plan that fits your needs.

In order to activate Second Line Service, contact your Sprint Sales Representative or call Sprint Customer Service.

To set the active line (primary or alternate):

1. Press  > **Settings** > **Call settings** > **Phone line**.
2. Touch a phone line to be active and then touch **OK**.

When incoming calls are made to a non-active line, they will be sent to voicemail without ringing. (See “Call Forwarding” on page 66.)

Sprint 411

Dial 411 from your wireless phone to receive nationwide listings, movie listings and showtimes, restaurant reservations, and driving directions, as well as sports scores, stock quotes, and weather conditions. Spanish speaking operators available. Receive up to three phone numbers or pieces of information per call, and be automatically connected at no additional charge. Airtime and other charges apply.

5. Web and Data Services

- ◆ Web Browser (page 71)
- ◆ Downloading Apps (page 77)
- ◆ Email (page 79)
- ◆ Google Data Synchronization (page 80)
- ◆ Microsoft™ Office Outlook™ Synchronization (page 80)
- ◆ Wi-Fi (page 81)

Web Browser

With Web access on your phone, you can browse your favorite websites, making it easier than ever to stay informed while on the go. Follow sports scores, breaking news, and weather, and shop on your phone anywhere on the Nextel National Network.

Your MOTOROLA TITANIUM offers two browser options. **Opera Mini** is an optimized browser designed for the Nextel network and performs faster under

normal conditions. The **WebKit**, or Android browser, provides the full HTML Web experience and is best suited for Wi-Fi connections. Streaming video can only be played using the **WebKit** browser.

You can choose which browser works best for you.

Connect

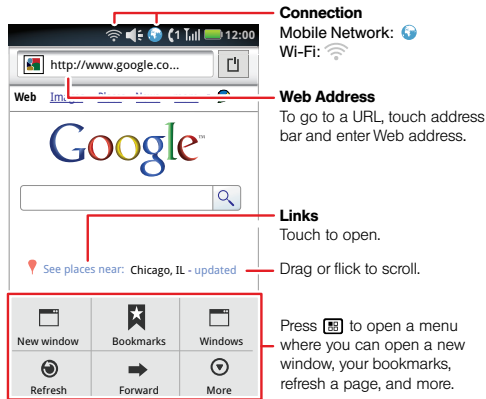
Your phone uses the data capabilities of the Nextel National Network (over the air) to automatically connect to the Web. For an even faster Web experience, you can also set your phone to use available Wi-Fi networks. (See “Wi-Fi” on page 81 for details on setting up and using Wi-Fi connections.)

Tip: Contact Sprint for information on data usage fees and your service agreement.

WebKit Browser

To launch the WebKit browser:

► Touch  >  **Browser.**



Note: If you can't connect, contact Sprint.

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, such as **Open in new window**.

application developer access
[source/android.com/](http://source.android.com/)  **Options**
[Android Community - Tracking the Android Platform](#)

WebKit Browser Options

Press  to see browser options:

Options

New Window

Open a new browser window. (Becomes “Windows” when more than one are open.)

Bookmarks

Add delete and manage bookmarks.

Windows

View the browser windows that are currently open.

Refresh

Reload the current page.

Back/Forward

Navigate to previously viewed pages.

Options

More

Show browser options, such as **Find on page**, **Select text**, **Page info**, **Share page**, **Downloads**, and **Settings**.

Note: Bookmarking a page does not store the page contents, just its address.

Some pages cannot be bookmarked. Whether a particular Web page may be marked is controlled by its creator.

Going to a Specific Website

To go to a particular website by entering a Web address (URL):

- Touch the address bar, enter a Web address, and touch **Go**.

Note: Not all websites are viewable on your phone.

Creating a Bookmark

Bookmarks allow you to store the address of your favorite websites for easy access at a later time.

1. Press **⌘** > **Bookmarks** > **Add**.
2. Confirm or edit the bookmark title, and then touch **OK**.

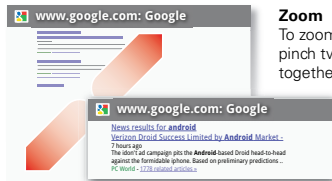
Accessing a Bookmark

1. Press **⌘** > **Bookmarks**.
2. Touch a bookmark to open the Web page.

Reloading a Web Page

Press **⌘** > **Refresh** at the bottom of the screen. (The browser will reload the current Web page.)

Zoom



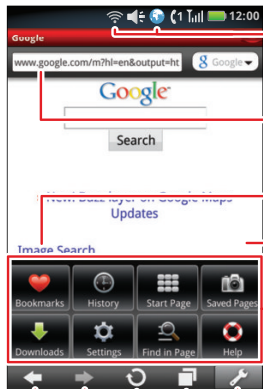
Zoom

To zoom in or out, pinch two fingers together or apart.

Opera Mini Browser

To launch Opera Mini:

- Touch  >  **Opera Mini.**



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, Sprint.

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, such as **Open in new tab.**



Opera Mini 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.

Options**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.

Going to a Specific Website

To go to a particular website by entering a Web address (URL):

1. Touch the text entry field at the top of the page.
If the text entry field is not visible, press  to bring it up.
2. Enter a Web address and then touch **Go** in the lower right corner of the keyboard.

Note: Not all websites are viewable on your phone.

Creating a Bookmark

Bookmarks allow you to store the address of your favorite websites for easy access at a later time.

1. Go to a Web page and touch  **Tools > Bookmarks.**
2. Touch **Add (website name).**
3. Confirm or edit the bookmark title, choose a folder to store it in, and then touch **Add** at the bottom of the screen.

Note: Bookmarking a page does not store the page contents, just its address.

Some pages cannot be bookmarked. Whether a particular Web page may be marked is controlled by its creator.

Accessing a Bookmark

1. Touch  **Tools > Bookmarks.**
2. Touch a bookmark to open the Web page.

Reloading a Web Page

- ▶ Touch  **Reload** at the bottom of the screen.
(The browser will reload the current Web page.)

Downloads

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  > **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

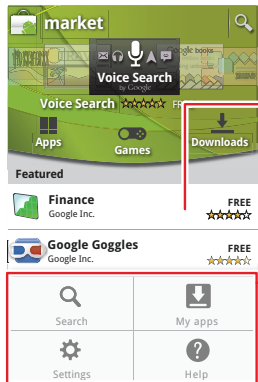
To view files or apps you've downloaded in Opera Mini, touch  > **Opera Mini** >  **Tools** > **Downloads**.

To view files or apps you've downloaded in the WebKit browser, touch  >  **Browser** >  > **More Downloads**.

Downloading Apps

Android Market

► Touch  >  **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  > **Help.**

Note: The first time you access the Android Market, you will see a Terms of Service disclaimer. If you agree to the terms, touch **Accept** to continue to Android Market.

You will need a Gmail™ account in order to buy and download applications from Android Market. See “Gmail” on page 79.

Browse and 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 78.

1. Touch  >  **Market.**

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

Note: 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 and Restore 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.

- ▶ Touch  >  **Market** > **My apps**.
 - 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  > **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 have fun. But remember, choose your apps carefully. Here's a few tips:

- 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.
- 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, a simple battery level 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.
- Just like Web browsing, you may want to monitor children's access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

Email

Gmail

Set up a Gmail Account

If you did not set up a Gmail account when you ran through the setup wizard (see page 2), you can set it up now.

- ▶ Touch  >  **Gmail** and follow the onscreen instructions.

Create a New Email

1. Touch  >  **Gmail** >  > **Compose**.
2. Enter the recipient email address and message, and then touch **Send**.

Tip: Press  for options, such as **Attach** or **Add Cc/Bcc**.

Gmail Features

To search for email:

- ▶ Press  > **Search** in a messages list.

To control email notifications:

- ▶ Press  > **Settings** > **Email notifications**.

To apply a label to a thread:

- ▶ Touch and hold a message, and then touch **Change labels**.

POP/IMAP Email

Set Up an Account

- ▶ Touch  >  **Email**.

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

Create a New Email

1. Touch  >  **Email** >  > **Compose**.
2. Enter the recipient email address and message, and then touch **Send**.

Tip: Press  for options, such as **Attach** or **Add Cc/Bcc**.

Google Data Synchronization

The Google 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 Google apps information you want to keep up-to-date.

Select Apps to Synchronize

1. Touch  >  **Settings > Accounts & sync.**
2. Touch your Gmail account under **Manage accounts.**
3. 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 Synchronization

1. Touch  >  **Settings > Accounts & sync > Add account > Corporate.**
2. 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.

3. Touch **Next.**
4. Set up your sync options: select email and/or contacts.

5. Touch **Save & sync**.

Note: Set Cellular data sync to manual to extend battery life (see "Battery Tips" on page 28).

Corporate Calendar

►  >  **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  > **More > Calendars**.

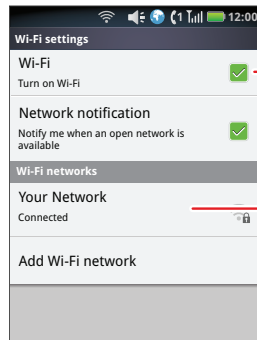
Corporate Directory

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

Wi-Fi

Touch  >  **Settings > Wireless & networks > Wi-Fi settings**.

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



Turn Wi-Fi On or Off

Touch  >  **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.**



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

Wi-Fi Search and 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  > **Scan.** Your phone lists the networks it finds within range.

6. Settings

- ◆ Personalize (page 83)
- ◆ Messaging Settings (page 86)
- ◆ Airplane Mode (page 87)
- ◆ Call Settings (page 88)
- ◆ Security Settings (page 89)
- ◆ Resetting Your Phone (page 91)
- ◆ Update my phone (page 92)
- ◆ Troubleshooting (page 93)

Personalize

Display Language

You can choose to display your phone's onscreen menus in one of several languages.

1. Touch  >  **Settings > Language & keyboard > Select locale.**
2. Touch a language to select it.

Sound Settings

Ringtones

Your phone provides a variety of ringer options that allow you to customize your ring and volume settings. These options allow you to identify incoming calls and messages by the ring.

Selecting Ringtones

To personalize your ringtones:

1. Touch  >  **Settings > Sound & display > Phone ringtone, Alert ringtone, or Notification ringtone.**
2. Touch a ringtone to select it, and touch **OK** to assign it. (To preview a ringtone, touch it or use the Navigation Key to scroll through and hear samples.)

Assigning a Ringtone to a Contact

You can also assign a ringer to a specific contact entry so you know who's calling without looking at the phone.

1. Touch  **Contacts**.
2. Touch a contact to open it, and then press  **> Options > Ringtone**.
3. Touch a ringtone to select it, and touch **OK** to assign it. (To preview a ringtone, touch it or use the Navigation Key to scroll through and hear samples.)

Vibrate Settings

Vibrate All

The Vibrate All option allows you to be notified of calls and messages with a vibration instead of an audible alert.

To activate Vibrate All:

- ▶ Press and hold the Volume button down while on the home screen until the phone vibrates.

To deactivate Vibrate All:

- ▶ Press and hold the Volume button up.

These icons indicate how the ringer is set:



The phone vibrates instead of making a sound for phone calls.



Direct Connect calls, Group Connect calls, and Talkgroup calls are heard through the earpiece, not the speaker.



The ring volume is set to zero for all calls.

Ring and Vibrate

To set your phone to ring and vibrate when you receive phone calls or Call Alerts:

- ▶ Touch  **> Settings > Sound & display > Vibrate**.

Silent Mode

The Silent Mode option allows you to mute all sounds without turning your phone off.

To activate and deactivate Silent Mode:

- ▶ Press and hold  to open the Phone Options menu and touch **Silent mode**.

Adjusting the Phone's Volume Settings

Adjust your phone's volume settings to suit your needs and your environment.

1. Touch  >  **Settings** > **Sound & display**.
2. Select **Ringer volume** or **Media volume**.
3. Choose a volume level and touch **OK**.

Tip: You can adjust the ringer volume while on the home screen (or the earpiece volume during a call) by using the Volume button on the left side of your phone.

Display Settings

Changing the Screen Timeout

Select how long the display screen remains backlit after any screen touch or keypress is made.

- ▶ Touch  >  **Settings** > **Sound & display** > **Screen timeout** and then touch a duration.

Note: Long backlight settings reduce the battery's talk and standby times.

Changing the Wallpaper

Choose what you see on the display screen while powering on or off and while on the home screen.

- ▶ From the home screen, press  > **Wallpaper** > **Wallpaper gallery** or **Media Gallery**.

To select a wallpaper from the Wallpaper gallery:

1. Flick the thumbnail images left or right to select a wallpaper.
2. Touch **Set wallpaper** to assign an image.

To select a wallpaper from Media Gallery:

1. Touch  **Media Gallery**.
2. Touch an image to open it.
3. Crop the picture if prompted, and then touch **Save** to set the image as your wallpaper.

Tip: You can also set an image as a wallpaper from within **Media Gallery** by touching and holding the image thumbnail and then touching **Set as > Wallpaper**.

Changing the Clock Display

Select a format for the time and date display.

- ▶ Touch  >  **Settings > Date & time**.
 - Touch **Use 24-hour format** to toggle between 24-hour time display and 12-hour time display.
 - Touch **Select date format**, and then touch a date format to assign it.

Note: The time, time zone, and date are set by the network, and even though they show up as options, they cannot be changed.

Messaging Settings

Messaging settings make messaging easier by letting you decide how you would like to be notified of new messages, create a signature with each sent message, and create your own preset messages.

Setting Message Notification

When you receive a message, your phone notifies you by displaying an icon in the notification bar. You can also choose to be notified with a sound while making a phone call.

To turn messaging notifications on and off:

- ▶ Touch  >  **Messaging >  > Settings > Notifications**.

To select a message notification ringtone:

- ▶ Touch  >  **Messaging >  > Settings > Select ringtone**, touch a ringtone to select it, and then touch **OK**.

To set your phone to vibrate when you receive a message:

- Touch  >  **Messaging** >  > **Settings** > **Vibrate**.

Setting Reports

You can also choose to receive read and delivery reports for each message you send.

To receive read reports:

- Touch  >  **Messaging** >  > **Settings** > **Read reports**.

To receive delivery reports:

- Touch  >  **Messaging** >  > **Settings** > **Delivery reports**.

Airplane Mode

Sometimes you may want to have your phone on, but turn off its ability to make and receive calls and other transmissions.

To set your phone so that it cannot make or receive phone calls, Direct Connect calls, Group Connect calls, Talkgroup calls, or transfer data:

- Press and hold  to open the Phone Options menu and touch **Airplane mode**.

When in Airplane Mode,  appears in your notifications bar.

To turn Airplane Mode off:

- Press and hold  to open the Phone Options menu and touch **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 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**.



Call Settings

Setting Prepend Dialing

The Prepend feature lets you set a prefix to be added to the beginning of all dialed numbers, such as a country code for international calls.

1. Touch  >  **Settings** > **Call settings** > **Prepend**.
2. Touch **Prepend** to activate this feature, and then touch **Prefix number**.
3. Enter a prefix in the **text** field (such as +1 for international calls), and then touch **OK**.

Note: This setting does not apply to 911 or Sprint 411.

Direct Connect Settings

The **Direct Connect settings** menu controls how your phone handles Direct Connect calls, Group Connect calls, and Talkgroup calls.

To access the Direct Connect settings menu:

- ▶ Touch  >  **Settings** > **Call Settings** > **Direct Connect settings**.

- **Resume DC** — adds 30 seconds to the DC timeout so Direct Connect calls do not time out quickly while you are multitasking.
- **One Touch DC** — sets One Touch DC.
- **Sharing info** — sets info to share.
- **Talkgroups** — lets you silence Talkgroups, define your Talkgroup area, and manage your Talkgroup areas.
- **DC button light** — controls whether or not the backlight displays when using Direct Connect.

Setting One Touch DC

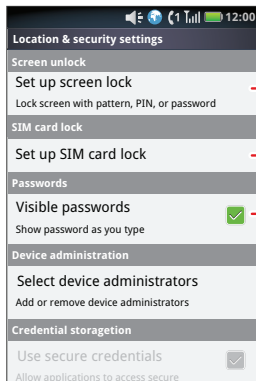
One Touch DC sets your phone to call the most recent Direct Connect number or Group on the Call log list, or a Direct Connect number you choose, every time you press the DC button. You can also set your phone to bring up a Direct connect Contacts list when the DC button is pressed.

1. Touch  >  **Settings** > **Call settings** > **Direct Connect settings** > **One Touch DC**.
2. Touch **Off**, **Launch DC Contact List**, **DC a selected contact**, or **DC the most recent number**, and then touch **OK**.

Tip: If you are entering a Talkgroup number, enter # before the number.

Security Settings

► Touch  >  **Settings > Location & security.**



— Touch to set up screen lock.

— Touch to set up SIM card lock.

— Touch to view passwords.

SIM Card Security

Important: Except for making emergency calls, your phone does not function without the SIM card.

SIM Card's PIN

You can protect access to your phone by using the SIM card's PIN (Personal Identification Number). When you enable SIM PIN, you must enter the PIN each time you power up the phone. You can change or disable the SIM PIN.

Lock Your SIM Card

1. Touch  >  **Settings > Location & security > Set up SIM card lock > Lock SIM card.**
2. Enter your SIM PIN code.

Important: The default SIM PIN is 0000. Change your PIN to prevent fraudulent use of the SIM card.

3. Touch **OK**.

Entering the PIN

1. Press and hold  to turn on your phone.

2. If necessary, drag  to the right to unlock the screen.
3. Using the onscreen keypad, enter your SIM PIN, and touch **OK**.

Important: If you enter your PIN incorrectly three times, your SIM card is blocked. See “Unlocking the PIN” on page 90.

Changing the PIN

Note: SIM PIN must be turned on in order to access this feature.

1. Touch  >  **Settings > Location & security > Set up SIM card lock > Change SIM PIN.**
2. Enter the current SIM PIN and touch **OK**.
3. Enter the new SIM PIN and touch **OK**.
4. Reenter the new SIM PIN to confirm and then touch **OK**.

Unlocking the PIN

If you enter your PIN incorrectly three times, your SIM card is blocked. To unblock your SIM card, you must contact Sprint Customer Service to get a PIN Unblock

Code (PUK). Follow their instructions for unblocking your SIM PIN.

Important: If you unsuccessfully enter the PUK code ten times, your SIM card is permanently blocked and must be replaced. If this happens, you get a message to contact Sprint Customer Service. Except for making emergency calls, your phone does not function with a blocked SIM card.

Your Phone's Lock Feature

Screen Lock

Note: You can make emergency calls on a locked phone (see “Emergency Calls” on page 33).

To lock the screen:

- ▶ Press  **Screen Lock** on the top of the phone.
– or –

Let the screen time out (don't press or touch anything).

To unlock the screen:

- ▶ Press  and then drag  to the right.

Security Lock

To access the Security lock menu:

- ▶ Touch  >  **Settings** > **Location & security** > **Set up screen lock**, and then select an option.
 - To set a password or an unlock pattern that you need to draw to unlock your screen, touch **Pattern**, **PIN**, or **Password**.
 - To turn the lock off, touch **None**.
 - To change the password or lock pattern, touch **Change screen lock** > **Pattern**, **PIN**, or **Password**.

Unlocking Your Phone

- ▶ At the “Enter password to unlock” prompt, enter your password or PIN and touch **Enter**.
 - or –

At the “Draw pattern to unlock” prompt, draw the saved pattern to unlock the phone.

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.

Calling in Lock Mode

You can place calls to 911 when in lock mode.

- ▶ Touch the **Emergency call** button at the bottom of the screen, dial **9 1 1**, and press .

Resetting Your Phone

Phone Reset

Selecting **Reset phone** resets all phone settings back to their default values, and clears all information (text messages, contacts, emails, etc.) and downloaded apps.

1. Touch  >  **Settings** > **Privacy** > **Master Clear** > **Reset phone**.

WARNING: All data on your phone will be deleted.

2. Enter your phone's six-digit security code and touch **OK**. (A disclaimer is displayed.)

Note: Your security code is a six-digit number used for resetting your phone. Please contact Sprint Customer Service if you do not know your security code.

3. Read the prompt and touch **Erase everything** to complete the reset. (Press  to cancel.)

Feature Reset

Selecting **Feature Reset** resets all phone settings back to their default settings.

1. Touch  >  **Settings** > **SD card & phone storage** > **Feature Reset** > **Feature Reset**.

2. Enter your phone's six-digit security code and touch **OK**. (A disclaimer is displayed.)

Note: Your security code is a six-digit number used for resetting your phone. Please contact Sprint Customer Service if you do not know your security code.

3. Read the prompt and touch **Re-apply All** to complete the reset. (Press  to cancel.)

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

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 (see “Removing the Battery” on page 15), then replace and switch your phone on as usual.

7. Call Log

- ◆ About the Call Log (page 94)
- ◆ Viewing the Call Log (page 96)
- ◆ Saving Items From the Call Log (page 96)
- ◆ Deleting Items From the Call Log (page 97)
- ◆ Prepending a Number From the Call Log (page 97)

About the Call Log

The Call log list displays the numbers (or Contacts entries) for phone calls and Direct Connect calls you placed, accepted, or missed, and for Call Alerts you have received. It also displays My Info and contact information sent to you from other phones. It is continually updated as new numbers are added to the beginning of the list.

Note: The Call log list records only calls that occur while the phone is turned on. If a call is received while your phone is turned off, it will not be included in the phone's Call log list.

If you return a call from the voicemail menu, it will not be included in your phone's Call log list.

Calls and Call Alerts

If the number of a recent call is stored in Contacts, the following information appears:

- The name assigned to the number.
- The Contacts type associated with the number.

The Direct Connect number Contacts type appears when you receive a Direct Connect call or Call Alert, even if the number is not stored in Contacts.

Call Alerts you have received appear as Direct Connect calls. Like all items in the Call log list, they remain listed until you delete them.

For phone calls, an icon appears giving information about the call.

-  A call you made.
-  A call you received.
-  A missed call. Missed calls appear on the Call log list only if you have Caller ID.

When you select a call to view its details, you see information such as the name associated with the call, the number, date, time, and duration of the call.

My Info From Other Phones

The Call log list displays My Info sent from other phones. See “Sending My Info and Contact Information” on page 45.

This icon  appears with My Info sent from other phones, along with the Direct Connect number of the person who sent the information.

When you select My Info from other phones to view its details, you see all the information sent.

If you receive My Info from the same phone more than once, only the most recently sent version appears in the Call log list.

Contact Information From Other Phones

The Call log list displays contact information sent from other phones. This information comes from the other phone’s Contacts list or Call log list. See “Sending My Info and Contact Information” on page 45.

This icon  appears with contact information on the Call log list.

Contact information in the Call log list displays:

- The name contained in the contact information.
- The Contacts type associated with the number or address contained in the contact information.

The name or Direct Connect number of the person who sent the contact information appears as a separate item on the Call log list, above the information sent. If one person sends you more than one item of contact information, all the items appear below the person’s name or Direct Connect number.

When you select contact information to view its details, you see the name or Direct Connect number of the person who sent the information and all the information in the item.

If you receive contact information with the same name from the same phone more than once, only the most recently sent version appears in the Call log list.

Viewing the Call Log

- Touch  **Dialer > Call log.**

Tip: When you're in the home screen, you can press  to go to the **Call log**.

To view the details of an item on the list:

- Touch an entry.

Saving Items From the Call Log

1. From Call log, touch an entry to open it.
2. Touch **Add to contacts**.

Tip: If the item you are storing is a call, **Add to contacts** does not appear if the number is already stored in Contacts.

3. Touch **Create new contact** to store the number in a new Contacts entry, or touch an entry to store the number to an existing entry.

Note: Storing My Info or contact information from another phone to an existing Contacts entry does not change its name.

4. If the item is a call, you must assign a Contacts type to the number.
 - Touch the Contacts type label next to the number and touch a Contacts type from the list.
5. To add more information to the entry (optional), follow the applicable instructions in “Creating Contacts Entries” on page 99.
6. Touch **Done**.

Deleting Items From the Call Log

To delete an item from the Call log list:

1. From the Call log, touch an entry to open it.
2. Press  > **Delete from call log**.

To delete all items on the Call log list:

- Touch  **Dialer** > **Call log** >  > **Delete all**.

Prepending a Number From the Call Log

If you need to make a call from the Call log list and you are outside your local area code, you can add the appropriate prefix by prepending the number.

1. Touch and hold a Call log entry and then touch **Edit number before call** >  > **Add prefix**.
2. Enter the prefix and touch **OK** to call the number.

8. Contacts

- ◆ About Contacts (page 98)
- ◆ Creating Contacts Entries (page 99)
- ◆ Viewing Contacts (page 101)
- ◆ Adding a Number to an Entry (page 102)
- ◆ Editing Entries (page 102)
- ◆ Deleting Entries (page 103)
- ◆ Selecting a Ringtone for an Entry (page 103)
- ◆ Assigning a Picture to an Entry (page 103)
- ◆ Import and Export Contacts (page 104)

About Contacts

Each Contacts entry can store several numbers, email addresses, chat addresses, or street addresses.

Information stored in Contacts is saved in your phone's memory.

Tip: You can import Contacts information from and export it to your SIM card. See "Import and Export Contacts" on page 104 for details.

A Contacts entry contains:

- A name — Typically, this is the name of the person whose contact information is stored in the entry.
- A ringtone — You can assign a ringtone to each entry. This is the sound your phone makes when you receive phone calls or call alerts from any of the numbers stored in the entry.
- A Contacts type — Each number or address stored must be assigned a Contacts type. (See "Types of Contacts" on page 99.)

Types of Contacts

Each number or address stored must be assigned a Contacts type:

Contacts Type	Entry Types
Phone numbers	Home, Mobile, Work, Work Fax, Home Fax, Pager, Other, Custom, Callback, Car, Company Main, ISDN, Main, Other Fax, Radio, Telex, TTY, TDD, Work Mobile, Work Pager, Assistant, MMS
Direct Connect	DC1, DC2, Custom
Email	Home, Work, Other, Mobile, Custom
IM	AIM, Windows Live, Yahoo, Skype, QQ, Google Talk, ICQ, Jabber, Custom
Postal addresses	Home, Work, Other, Custom
Organizations	Work, Other, Custom

Creating Contacts Entries

Tip: ICE – In Case of Emergency

To make it easier for emergency personnel to identify important contacts, you can list your local emergency contacts under “ICE” in your phone’s Contacts list. For example, if your mother is your primary emergency contact, list her as “ICE–Mom” in your Contacts list. To list more than one emergency contact, use “ICE1–___,” “ICE2–___,” etc.

A number or address and a Contacts type, or a name are required for all Contacts entries. Other information is optional. You may enter the information in any order.

After you have entered the number or address, Contacts type, and any other optional information, scroll to the bottom of the entry and select **Done** to save the entry to Contacts.

To cancel a Contacts entry at any time select **Revert**.

To create a Contacts entry:

1. Touch  **Contacts** >  > **New contact**.
 - If prompted, select an account for the contact (Google or Phone).

2. To assign a name to the entry, touch the name field and enter a name.



3. To add a number or address:
- Touch the entry field.
 - Enter the number or address. For phone numbers, use the ten-digit format. For Direct Connect numbers, be sure to include the asterisks (*).

- To assign a Contacts type for each number or address (such as Mobile, Home, Work, etc.), touch the label next to the entry field and touch a Contacts type to assign it.

4. To add more numbers or addresses to the entry:
- Touch **+** to add a new entry field for the type of contact you are creating (Phone numbers, Direct Connect, Email addresses, etc.)
5. To assign a picture to the name (optional):
- Touch the picture icon in the upper left-hand corner of the screen, and take a picture, or chose one from the Media Gallery. Crop the picture if prompted, and then touch **Save**.
6. Touch **Done** to save the entry.

Creating Pauses and Waits

When storing a number, you can program your phone to pause or wait between digits while dialing. A pause makes your phone pause for three seconds before dialing further. A wait makes your phone wait for your response before dialing further.

This feature is useful when using voicemail or other automated phone systems that require you to dial a phone number and then enter an access number.

To enter a pause or a wait:

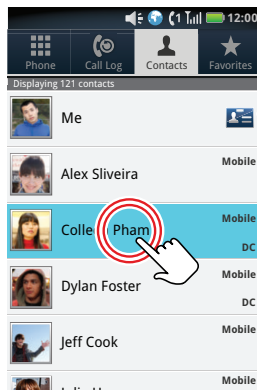
1. Touch the entry field begin entering the phone number.
2. To insert **Pause**, press **Comma** [,]. To insert a **Wait**, press **Semicolon** [;].

Note: You can have multiple pauses in a phone number and combine waits and pauses.

Viewing Contacts

1. Touch  **Contacts** and then either scroll through the contacts list, or press  > **Search** and enter a name. (Your phone finds the name you entered or the nearest match.)

Tip: You can also press  **Search**.



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  to create, filter, and sync contacts.

2. Touch the contact name to display the entry, and then scroll up or down to view all information stored for the entry.

Filtering Contacts Entries

You can set Contacts to display only entries with certain attributes.

1. Touch  **Contacts** >  > **More** > **Filter**.
2. Touch **Only contacts with phones**, **Only contacts with DC**, or touch a Google or Exchange account to filter the types of contacts associated with it.

Contacts Action Options

To quickly access these actions for a saved Contact:

1. Touch  **Contacts**.
2. Touch and hold a contact to display a quick list of action items, such as **View contact**, **Call Mobile**, **Send text message**, **Direct Connect**, and **Share via DC**.
3. Touch an option to take the corresponding action.

Adding a Number to an Entry

1. Touch  **Contacts** and touch an entry.
2. Press  > **Edit contact**.
3. Scroll to the contact type for the entry and touch  to create a new entry field.
4. Select an entry type for the new entry, and enter the number.
5. Touch **Done** to save the new number.

Editing Entries

1. Touch  **Contacts** and touch an entry.
2. Press  > **Edit contact**.
3. Follow the applicable instructions in “Creating Contacts Entries” on page 99 to edit the entry.
4. Touch **Done** when you have finished making your changes.

Deleting Entries

1. Touch  **Contacts** and touch an entry.
2. Press  > **Delete contact**.
3. Touch **OK** to confirm.

Deleting a Number or Address

1. Touch  **Contacts** and touch an entry.
2. Press  > **Edit contact**.
3. Scroll to the number or address you want to delete, and touch  to the right of the item to remove it.
4. Touch **Done**.

Note: If an entry contains only one number or address, deleting the number or address deletes the entry.

Selecting a Ringtone for an Entry

Assign a ringtone to a Contacts entry so you can identify the caller by the ringtone. (See “Ringtones” on page 83.)

1. Touch  **Contacts** and touch an entry.
2. Press  > **Options** > **Ringtone**.
3. Scroll through available ringtones. (Touch a ringtone to hear a sample.)
4. Touch a ringtone to select it.
5. Touch **OK** to save the assigned ringer.

Assigning a Picture to an Entry

Assign a picture to display when you receive a call from an entry.

1. Touch  **Contacts** and touch an entry.
2. Press  > **Edit contact**.
3. Touch the picture icon in the upper left-hand corner of the screen.
4. Take a picture, or chose one from the Media Gallery.
 - If prompted, crop or resize the picture.
5. Touch **Save**.
6. Touch **Done**.

Import and Export Contacts

Your phone stores its contact entries in its internal memory and not within your SIM card. The first time you use your phone, you will need to import the contacts from your SIM card to your phone for you to be able to use the contacts stored on the SIM card.

Note: To copy contacts from a previous Sprint or Nextel SIM card to the new SIM card for this phone, bring your phone and both SIM cards to a Sprint Store for assistance.

The contacts stored on your phone will not be saved on your SIM card unless you export your contacts. It is recommended that you export your contacts to your SIM card from time to time to keep your phone and SIM card in sync.

Note: Your SIM card can store only basic information, such as phone numbers, Direct Connect numbers, Group Connect numbers, Talkgroup numbers, and email addresses.

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 >**  **> More > SIM Manager > Export contacts to SIM.**

2. Insert your SIM card in your new phone. See “Removing and Inserting the SIM Card” on page 10.
3. To Import the contacts from your SIM card, touch  **Contacts** >  > **More** > **SIM Manager** > **Import contacts from SIM card**.

Note: You might have already done this during “Setup Wizard” on page 2.

9. Tools

- ◆ Calendar (page 106)
- ◆ Alarm Clock (page 107)
- ◆ Calculator (page 107)
- ◆ Quickoffice (page 107)
- ◆ Personal Portal (page 108)
- ◆ Accessibility (page 109)
- ◆ Location (page 113)
- ◆ Google Talk (page 117)
- ◆ YouTube (page 118)
- ◆ Social Media (page 119)

Calendar

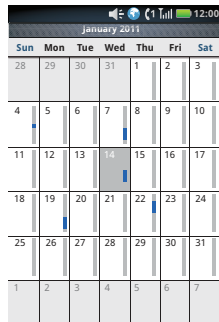
- Touch  >  **Calendar.**

Tip: You can send calendar events to other people using Direct Connect. See "Nextel Direct Send" on page 43.

- View your calendar in different ways: Press  > **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  > **More** > **New event.** Enter event details and touch **Done.**



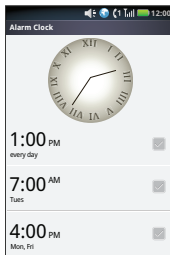
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

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

- ▶ Touch  >  **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  > **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  > **Settings**.



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

Calculator

- ▶ Touch  >  **Calculator**.

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

Quickoffice

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

- ▶ Touch  >  **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 .

To manage your folders and transfer files, see “USB and Memory Card” on page 124.

Personal Portal

- Touch  >  **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** >  > **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.

Note: The first time you connect your phone to your computer, you will need to run through the “Found New Hardware” wizard. Follow the onscreen prompts to complete setup.

4. If the personal portal is set to start automatically, open **Notifications**, and touch the Personal Portal Notification. If it is set to start manually, touch  >  **Personal Portal** and touch  **Play**.
5. Use your PC's Web browser to go to the Personal Portal address displayed on your phone's screen.

Connect With Wi-Fi

1. Touch  >  **Personal Portal** >  > **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 computer'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 Control**. To dial, say “**Call**” and then a contact name or phone number. Or, say a command from the list shown, like “**Send Text**” or “**Go To**”.

Tip: You can also press and hold  to activate **Voice Control**.

- **Search:** Touch  >  **Voice Search**, and 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.

To change our voice settings, see “Voice Settings” on page 111.

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  >  **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, and then touch **Voice Readouts**.

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 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 111.

Caller ID

When you want to hear who’s calling:

- **Read out loud:** Have your caller announced — touch  >  **Settings** > **Call settings** > **Caller ID readout**.
- **Ringtones:** Assign a unique ringtone to a contact — touch  **Contacts**, open a contact, and then press  > **Options** > **Ringtone**.

Voice Settings

Personalize your voice settings:

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

Volume and Vibrate

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

- **Volume:** Touch **Ring 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

Get a closer look. Open a magnification window that you can drag around the screen, or pinch to zoom in on maps, web pages, and photos.

- **Magnification window:** Touch  >  **Settings** > **Accessibility**. Touch **Accessibility** to enable the settings, and then touch **Zoom Mode**.
- **Pinch to zoom:** To zoom in, touch the screen with two fingers and then slide 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 and Keys

All these touch features are great, and sometimes it is 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**.

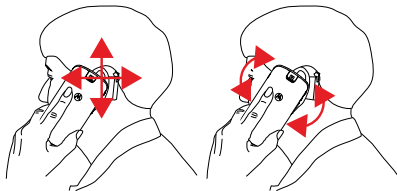
Hearing Aids

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 153. 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.
- **HCO**: Hearing-Carry-Over – type text on your TTY device and listen to voice replies on your phone's speaker.
- **VCO**: Voice-Carry-Over – speak into your phone and read text replies on your TTY device.

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

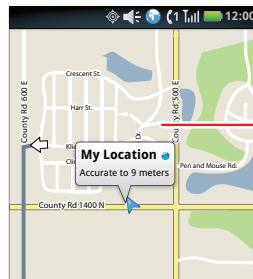
Refer to your TTY device guide for mode and usage information.

Location

Google Maps

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

► Touch  >  **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.

Note: This feature is not available in all areas. Check with your Sprint representative.

Google Maps opens in “Map mode”. To learn more about the different map modes, see “Select Map Mode” on page 115.

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  > **My Location**. Your location shows on the map as . The bigger the circle, the less accurate the location.

Find Any Location

1. Press  > **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  > **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  > **More** > **Clear map**.

Select Map Mode

- ▶ Press  > **Layers** to select from **Map** (standard map view), **Satellite** (map with photos), **Traffic** (map with traffic conditions).
- Press  > **More** > **Clear Map** to clear your selections.

Google Maps Navigation

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

- ▶ Touch  > **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 Sprint representative.

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 Google Latitude™, and then invite your friends to view your location or accept their invitations. When using Google Maps, press  > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

Add and Remove Friends

► Touch  >  **Latitude**.

To add friends:

1. Press  > **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  > **Privacy** > **Hide your location**.

Turn Off Latitude

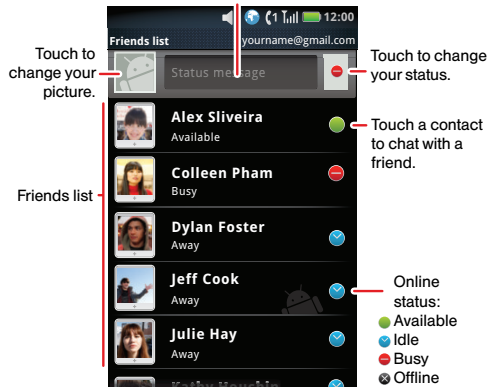
- ▶ Touch  >  **Latitude** to show your friend's list.
Then press  > **Privacy** > **Turn off Latitude**.

Google Talk

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

- ▶ Touch  >  **Talk**.

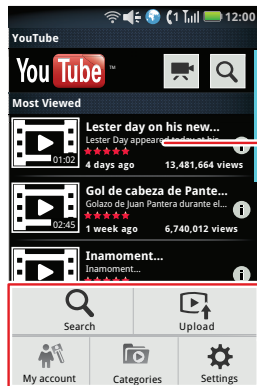
Touch to change your online status message.



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

YouTube

► Touch  >  **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 119.

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  > **Categories**. To see a video in high quality, touch  > **Settings** > **High quality video**.

Search for Videos

1. Touch  >  **YouTube**, and then touch  > **Search**.
2. Enter text and then touch **Search**. To clear your search history, touch  > **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. Press  > **Share**.

Your Account

Log In or Create Account

1. Touch  >  **YouTube**, then press  > **My account**.
2. 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 and password and touch **Sign in**.
3. For a new account, enter a username, and complete the fields, then touch **I accept**.

Upload Videos

1. Touch  >  **YouTube**, then press  > **Upload**.
2. Touch the video you want to upload. You can change the video title, description, set the access, and add tags.
3. Touch **Upload**.

Social Media

With your phone and Sprint service you have on-the-go access to many favorite social media hubs such as Facebook™ and Twitter.

Facebook

To set up Facebook on your phone:

1. Touch  >  **Facebook**.
2. Enter the email address and password you use for your Facebook account and touch **Login**.
 - If you don’t have a Facebook account, touch **Sign up** and follow the prompts to set up a new account.

3. Select a sync option and touch **Next**.

4. Touch **Finish**.

To access Facebook, touch  >  **Facebook**.

Tip: To take advantage of Facebook's up-to-the-minute features, you may want to set up a Facebook widget on one of your home screens. Touch and hold an empty spot, and then touch **Android Widgets > Facebook** for live updates.

Twitter

To set up Twitter on your phone:

1. Touch  >  **Twitter**.
2. Touch **Sign In**, enter the Username or email address and password you use for Twitter, and then touch **Sign In**.
 - If you don't have a Twitter account, touch **Sign Up** and follow the prompts to set up a new account.

To access Twitter, touch  >  **Twitter**.

Tip: For easy access to all your Tweets, you may want to set up a Twitter widget on one of your home screens. Touch and hold an empty spot, and then touch **Android Widgets > Twitter (large)** or **Twitter (small)** for live updates.

10. microSD Card

- ◆ Using a microSD Card With Your Phone (page 121)
- ◆ microSD Settings (page 123)
- ◆ USB and Memory Card (page 124)

Using a microSD Card With Your Phone

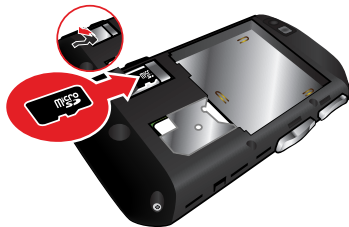
Using the microSD Card Slot

Your phone is equipped with a microSD (Secure Digital) memory card slot to expand the phone's available memory space. It allows you to store images, videos, music, and voice data in your phone.

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

Inserting the microSD Card

1. Remove the battery cover. (See “Installing the Battery” on page 14.)
2. Open the memory card slot cover, and slide in the memory card until it clicks into place.



Note: Be sure to use only recommended microSD cards. Using non-recommended microSD cards could cause data loss and damage your phone. Your phone can be used with Transflash or microSD memory cards.

3. Close the memory card slot cover and replace the battery cover.

Removing the microSD Card

Important: Do not remove the memory card until you select the **Unmount SD card** option under **SD card & phone storage**. Removing the memory card before selecting the **Unmount SD card** option could result in loss of data.

1. Before you remove your memory card you need to unmount it. Touch  >  **Settings** > **SD card & phone storage** > **Unmount SD card**.
2. Once your phone confirms that it is safe to remove the microSD card, remove the battery cover and open the memory card slot cover.
3. Grasp the raised edge of the microSD card and pull the card out.



Note: The microSD card and its adapter can be easily damaged by improper operation. Please be careful when inserting, removing, or handling them.

4. Close the memory card slot cover and replace the battery cover.

Formatting Your Memory Card

If you are having difficulty with a memory card, you may format the card using your phone. This process removes any data on the card and sets up a new folder system.

1. Before you format your memory card you need to unmount it. Select  >  **Settings** > **SD card & phone storage** > **Unmount SD card**.
2. Select  >  **Settings** > **SD card & phone storage** > **Format SD card** > **Format SD card**.

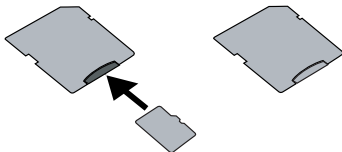
WARNING: The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Using the microSD Adapter

The supplied microSD adapter allows microSD cards to be used in SD-compatible devices such as digital cameras, printers, and computers. Before using, you will need to insert the microSD card into the microSD adapter.

To insert the microSD card into the microSD adapter:

- ▶ With the label side of the microSD card facing up, insert the card into the supplied microSD adapter, and gently slide the card until it is fully inserted.



To remove the microSD card from the microSD adapter:

- ▶ Hold the front edge of the microSD card, and gently pull outward to remove it from the adapter.

Tip: If your computer has an SD card slot or if you have an SD card adapter, you can use the microSD card and adapter to transfer files such as audio files, pictures, and videos directly between your computer and your microSD card.

When you insert the card into your computer, select **Open folder to view files using Windows Explorer** (or a similar option) and drag and drop files using the available folders.

microSD Settings

Viewing Memory in the microSD Card

1. With the microSD card inserted, select  >  **Settings** > **SD card & phone storage**.
2. The following information will be displayed:
 - **Total space** displays the capacity of the memory card.

- **Available space** displays the amount of free memory space.

USB and Memory Card

USB Drag and 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” on page 154.

File Manager

- 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.

11. Camera

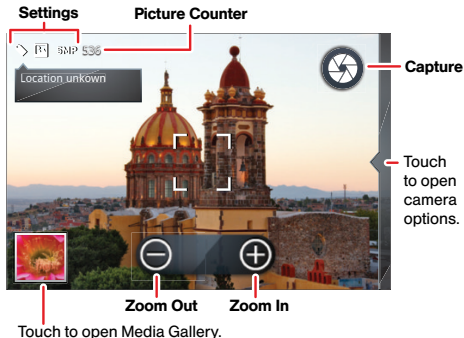
- ◆ Taking Pictures (page 126)
- ◆ Videos (page 128)

Taking Pictures

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button.

To take a picture:

1. Press and hold **Camera** on the right side of the phone to launch the camera.
2. Aim the camera lens at your subject and press **Capture** to take a picture.



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

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 **Set as**.

- To **send** the photo in a message or post it online, press  > **Share**. For more info on sharing your photos, see “Share Your Photo Gallery” on page 128.
- To **delete** the photo, press  > **Delete**.
- For more options, press  > **More**.

Photo Options

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

Options

Picture Resolution

Set the photo resolution.

Video Resolution

Set the camcorder video resolution.

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.

Options

Share optimization

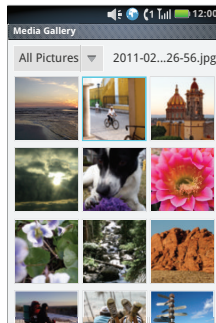
When checked, you'll be prompted to optimize photo or video for sharing.

View Your Photos

- ▶ Touch  >  **Media Gallery** > **All Pictures.**

Play a Slideshow

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



Share Your Photo Gallery

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

1. Touch  >  **Media Gallery** > **All Pictures**.
2. Touch and hold a photo, then touch **Share**.
3. Choose how you want to share — like **Direct Connect**, **Email**, or **Messaging**.

Manage Your Photos

1. Touch  >  **Media Gallery** > **All Pictures**.
2. 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 and Drop” on page 124.

Edit Your Photos

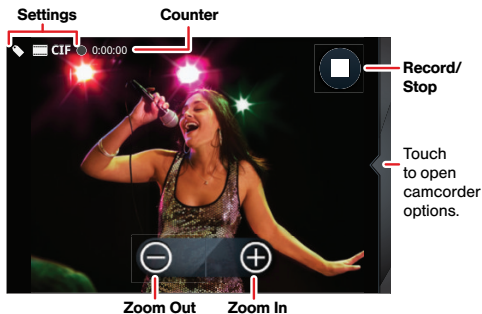
1. Touch  >  **Media Gallery** > **All Pictures**.

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

Videos

Record and Share Videos

1. Touch  >  **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.

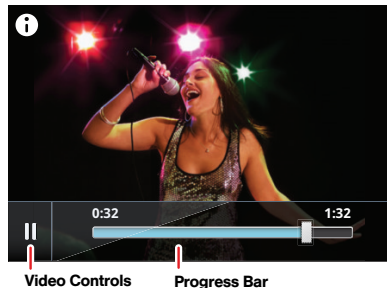
2. To **record** the video, press . To stop the video recording, press  again.

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, see “Share Your Photo Gallery” on page 128.
- To **play** the video, touch .
- To **delete** the video, touch **Delete**.

Play Your Videos

1. Touch  >  **Media Gallery > All Videos**.
2. Touch a video to play it.



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

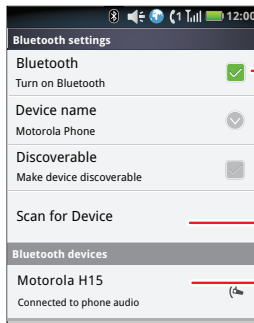
12. Bluetooth Wireless

- ♦ Turning Bluetooth Power On and Off (page 130)
- ♦ Connecting and Disconnecting Bluetooth Devices (page 131)

Turning Bluetooth Power On and Off

Bluetooth® is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually up to approximately 30 feet. By default, your device's Bluetooth feature is turned off.

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



Touch to turn on & scan.

Touch to re-scan.

Touch to connect.

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.**



Bluetooth Status Indicators

The Bluetooth status indicators on your phone's display screen shows your Bluetooth connection status at a glance:

None – Bluetooth is disabled (default status).

 – Status indicator will be black when Bluetooth is turned on, but no device is connected.

 – Status indicator will turn light gray when connected to a Bluetooth device.

Connecting and Disconnecting Bluetooth Devices

Connect New Devices

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device; to connect again, see “Reconnect Devices” on page 132.

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

Tip: 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 (for example **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator  appears in the notifications bar.

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

Reconnect Devices

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

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

Disconnect Devices

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

To manually disconnect your phone from a paired device, touch the device name in the devices list, and then touch **OK**.

Edit Properties

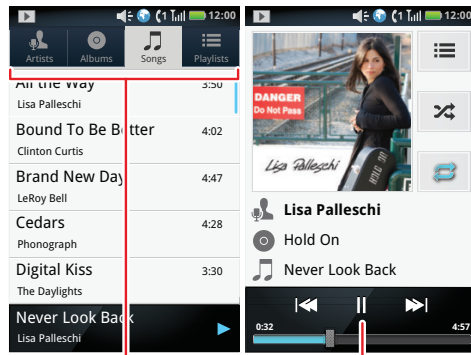
To edit your MOTOROLA TITANIUM's device name, touch  >  **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

13. Music

- ◆ Music Basics (page 133)
- ◆ Set Up Music (page 134)
- ◆ Get Music (page 134)
- ◆ Play Music (page 135)

Music Basics

► Touch  >  **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  > **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 “Inserting the microSD Card” on page 121.

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 also go wireless with Bluetooth® stereo headphones or speakers. (See “12. Bluetooth Wireless” on page 130.)

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 and Drop” on page 124.

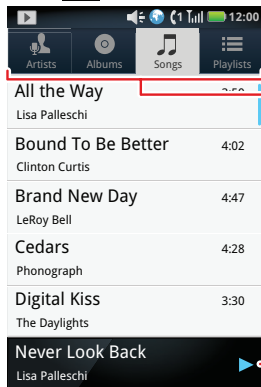
Note: Copyright — do you have the right? Always follow the rules. See “Content Copyright” on page 154.

Play Music

Music Library

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

Touch  >  **Music**.



Categories

Touch to list songs or playlists.

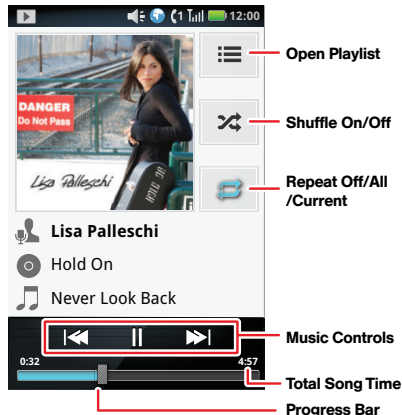
Last Played

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  > **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  > Library .
Turn Shuffle On/Off	Press  > Party shuffle .
Add to Playlist	Press  > Add to playlist .
Use as Ringtone	Press  > Use as ringtone .
Use as Line2 Ringtone	Press  > Use as line2 ringtone .

Music Player Controls

Delete Song Press  > **Delete**.

Hide, Wake, Turn Off

- Press  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 and 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  > **Add to playlist** in the music player.
- To edit, delete, and rename playlists, touch and hold the playlist in the music library.

*Safety and Warranty
Information*

S1. Important Safety Information

- ◆ General Precautions (page 139)
- ◆ Maintaining Safe Use of and Access to Your Phone (page 139)
- ◆ Battery Use and Safety (page 139)
- ◆ Battery Charging (page 141)
- ◆ Third Party Accessories (page 141)
- ◆ Driving Precautions (page 141)
- ◆ Seizures/Blackouts (page 142)
- ◆ Caution About High Volume Usage (page 142)
- ◆ Repetitive Motion (page 143)
- ◆ Children (page 143)
- ◆ Glass Parts (page 143)
- ◆ Operational Warnings (page 143)
- ◆ Radio Frequency (RF) Energy (page 144)
- ◆ Specific Absorption Rate (IEEE) (page 146)
- ◆ FCC Declaration of Conformity (page 147)

- ◆ FCC Notice to Users (page 147)
- ◆ Industry Canada Notice to Users (page 148)
- ◆ Location Services (GPS & AGPS) (page 148)
- ◆ Navigation (page 149)
- ◆ Smart Practices While Driving (page 149)
- ◆ Privacy & Data Security (page 150)
- ◆ Use and Care (page 152)
- ◆ Recycling (page 152)
- ◆ California Perchlorate Label (page 153)
- ◆ Hearing Aid Compatibility With Mobile Phones (page 153)
- ◆ Software Copyright Notice (page 154)
- ◆ Content Copyright (page 154)
- ◆ Open Source Software Information (page 154)
- ◆ Export Law Assurances (page 155)
- ◆ Product Registration (page 155)
- ◆ Service & Repairs (page 155)

Failure to read and follow the information provided in this phone guide may result in serious bodily injury, death, or property damage.

General Precautions

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To maximize performance, do not touch the bottom portion of your phone where the internal antenna is located while using the phone.
- Speak directly into the mouthpiece.

Note: For the best care of your phone, only Sprint-authorized personnel should service your phone and accessories. Failure to do so may be dangerous and void your warranty.

Maintaining Safe Use of and Access to Your Phone

Do Not Rely on Your Phone for Emergency Calls

Mobile phones operate using radio signals, which cannot guarantee connection in all conditions. Therefore you should never rely solely upon any mobile phone for essential communication (e.g., medical emergencies). Emergency calls may not be possible on all cellular networks or when certain network services or mobile phone features are in use. Check with your local service provider for details.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Battery Use and 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 liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **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 mobile device or battery.*** 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 by dropping, liquids or high temperatures.**

Note: *Always make sure that the battery compartment and any connector covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your mobile device can resist damage from these conditions.

Important: Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards.

Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

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.

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. You can recycle your used batteries in many retail

or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

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.

Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

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 website 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.

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.

Similar to a computer, if a child does use your mobile device, you may want to monitor their access to help prevent exposure to inappropriate apps or content.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product 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.
	Do not use tools.
	For indoor use only.

Radio Frequency (RF) Energy

Exposure to RF Energy

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

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

RF Energy Operational Precautions

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

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 cm (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 website 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 cm (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.

Specific Absorption Rate (IEEE)

YOUR MOBILE DEVICE MEETS FCC LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC guidelines for your device model are listed below:

Head SAR	iDEN 800/900, MOTOtalk, Wi-Fi, Bluetooth	0.68 W/kg
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Body-worn SAR	iDEN 800/900, MOTOtalk, Wi-Fi, Bluetooth	1.48 W/kg
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During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

Body-worn SAR testing has been carried out using an approved accessory or at a separation distance of 2.5 cm (1 inch). To meet RF exposure guidelines during body-worn operation, the device should be in an approved accessory or positioned at least 2.5 cm (1 inch) away from the body. If you are not using an approved accessory, ensure that whatever product is used is free of any metal and that it positions the phone at least 2.5 cm (1 inch) away from the body.

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 recommend that if you are interested in further reducing your exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

Additional information can be found at www.who.int/emf (World Health Organization) or www.motorola.com/rfhealth (Motorola Mobility, Inc.).

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,
Suite A,
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 bear the FCC logo on the product label.

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. See 47 CFR Sec. 15.105(b). 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.

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(a)(3).

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.

For products that support W-Fi 802.11a (as defined in the product specifications available at www.motorola.com), the following information applies. This equipment has the capability to operate Wi-Fi in the 5 GHz Unlicensed National Information Infrastructure (U-NII) band. Because this band is shared with MSS (Mobile Satellite Service), the FCC has restricted such devices to indoor use only (see 47 CFR 15.407(e)). Since wireless hot spots operating in this band have the same restriction, outdoor services are not offered. Nevertheless, please do not operate this device in Wi-Fi mode when outdoors.

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.

Location Services (GPS & AGPS)

The following information is applicable to Motorola mobile devices that provide location based (GPS and/or AGPS) functionality.

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.

Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

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. Use your device's security and lock features, where 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 and updates** — Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless** — For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.
- **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 and 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.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

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.

Service & Repairs

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

Go to www.motorola.com/repair (United States), 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), or 1-800-461-4575 (Canada).

Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: MOTOROLA TITANIUM

Serial No.:

S2. Manufacturer's Warranty

- ♦ Motorola Limited Warranty for the United States and Canada (page 157)

Your phone has been designed to provide you with reliable, worry-free service. If for any reason you have a problem with your equipment, please refer to the manufacturer's warranty in this section.

For information regarding the terms and conditions of service for your phone, please visit www.sprint.com or call Sprint Customer Service at **1-800-639-6111**.

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.

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 and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

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 of rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

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