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**Nextel<sup>®</sup>**

**iDEN<sup>®</sup>**

*Digital Multi-Service Data-Capable Phone*

***i35s* Phone User's Guide**



NNTN4574A



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# Table of Contents

**IMPORTANT!**

Read “Nextel Terms and Conditions of Service” on page 145 and “Safety and General Information” on page 150 before using your *i35s* phone.

<b>Introduction .....</b>	<b>1</b>
Welcome to Nextel® .....	1
Customer Care .....	2
Ordering Information .....	2
Driving Safety Tips .....	3
<b>Getting Started.....</b>	<b>5</b>
<i>i35s</i> Phone Features .....	6
<i>i35s</i> Phone Menu Tree .....	7
<i>i35s</i> Phone Icon Glossary.....	8
Battery .....	9
Turning Your <i>i35s</i> Phone On/Off .....	11
Enabling Over-the-Air Radio Service Software (OARSS) Security .....	12
Receiving Over-the-Air Radio Service Software (OARSS) .....	13
Subscriber Identity Module (SIM) Card .....	13
Keypad Lock .....	22
Status of Your <i>i35s</i> Phone.....	25
My Information .....	26
Using T9® Text Input .....	27
<b>Display Essentials .....</b>	<b>33</b>
Display Screen.....	33
Status Icons.....	34
Text Display Area .....	36
Call Information Icons.....	36

---

Menu Icon.....	36
Display Options.....	37
Navigating Menus and Lists.....	37
Main Menu Options.....	38
<b>Phonebook.....</b>	<b>39</b>
Phonebook Entries and Speed Dial Numbers.....	40
Phonebook Icons.....	40
Accessing Your Phonebook.....	41
About Phonebook Entries.....	41
Pause Digit Entry.....	50
Plus Dialing.....	51
Address Book.....	52
<b>Digital Cellular.....</b>	<b>53</b>
Making Phone Calls.....	54
Emergency Calling.....	59
Special Dialing Codes.....	59
Receiving a Phone Call.....	60
Sending Unanswered Calls to Voice Mail.....	60
Missed Calls.....	60
Ending a Phone Call.....	60
Recent Calls.....	61
Call Timers.....	64
Mute.....	65
Call Waiting.....	66
Call Hold.....	67
Three-Way Calling.....	68
Call Forwarding.....	69
Caller ID.....	73
Alternate Line Service.....	75
Call Restrictions.....	76
Nextel 411.....	76

---

<b>Messaging Services .....</b>	<b>79</b>
Message Center .....	79
Nextel Voice Mail Messages.....	80
Text and Numeric Messaging.....	80
Nextel Two-Way Messaging.....	83
<b>Nextel Voice Mail.....</b>	<b>85</b>
Setting Up Your Voice Mail Box.....	85
Receiving Voice Mail Messages.....	86
Using Voice Mail .....	87
Advanced Voice Mail Features .....	91
Nextel Voice Mail Tree.....	100
<b>Direct Connect .....</b>	<b>101</b>
Nextel Direct Connect®.....	101
Private Call.....	102
Call Alerts.....	104
Group Call.....	108
<b>Memo .....</b>	<b>113</b>
Adding a New Memo .....	113
Viewing a Memo .....	113
Editing a Memo .....	114
Deleting a Memo .....	114
<b>Nextel Online®.....</b>	<b>115</b>
Nextel Online Navigation Keys .....	115
Starting the Microbrowser.....	116
Using Your Phone as a Modem.....	117
<b>Customizing the i35s Phone.....</b>	<b>119</b>
Settings.....	119

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<b>Accessories.....</b>	<b>135</b>
Batteries.....	136
Chargers.....	137
Data Accessories .....	139
<b>Other Important Information .....</b>	<b>141</b>
Nextel Customer Care .....	141
Understanding Status Messages .....	142
Nextel Terms and Conditions of Service .....	145
<b>Safety and General Information .....</b>	<b>150</b>
RF Operational Characteristics .....	150
Electro Magnetic Interference/Compatibility.....	153
Operational Warnings.....	155
Operational Cautions.....	156
Accessory Safety Information .....	158
Limited Warranty Motorola Communication Products.....	166
Trademark Information .....	174
<b>Index .....</b>	<b>175</b>

## DECLARATION OF CONFORMITY

Per FCC CFR 47 part 2 Section 2.1077(a)



**Responsible party name:** Motorola Inc.  
**Address:** 8000 West Sunrise Boulevard,  
Plantation, FL 33322 USA  
**Phone number:** 1 (800) 453-0920

### Hereby declares that the product:

**Product name:** i35s  
**Model Number:** H56XAH6RR5AN

### Conforms to the following regulation:

FCC Part 15, subpart B  
Class B Computer peripheral

**Date:** October 10th, 2002

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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# Introduction

## Welcome to Nextel®

Thank you for choosing Nextel as your wireless communications provider. Your *i35s* phone enables you to enjoy clear connections through Nextel's All-Digital National Network. In addition, with Nextel iTraveler<sup>SM</sup> Service, you can use your *i35s* phone to roam internationally in select cities using other iDEN® networks. Countries in which iTraveler service can be used are Argentina, Brazil, Canada, Phillipines, Israel, and Peru.

**NOTE: Contact Nextel Customer Care to obtain and confirm iTraveler availability and services.**

Nextel gives you more ways than anyone to communicate with everyone.<sup>SM</sup>

Your *i35s* phone offers many innovative features:

- **Phonebook** – Your consolidated Phonebook holds up to 250 entries and allows you to store multiple contact numbers for each person, offering you various ways to communicate with your business and personal contacts.
- **SIM Card** – Your phone's Subscriber Identity Module (SIM) card holds all entries stored in your Phonebook. In addition, you have a Personal Identification Number (PIN) to keep your information safe and secure.
- **Messages** – The Message Center allows you to manage and access your Voice Mail, Text Messages and Two-Way Messages all from the same inbox.
- **Nextel Direct Connect®** – With Nextel Direct Connect, you can use your phone as a digital two-way radio to communicate directly with business and personal contacts at a fraction of the cost of cellular calls.
- **Nextel Online®** – Use the Net feature with the built-in microbrowser to access Nextel Online services, a suite of wireless data products and Internet applications that provide quick access to the information you need to get business done.
- **Rubber Grip** – Your phone is made with a rubber grip that provides improved holding contact and may keep you from dropping the phone.
- **Extended Battery Life** – use your phone longer with the included Maximum Capacity Lithium Ion Battery.
- **Vibra Call®** – A convenient features that silently notifies you of incoming phone calls, voicemail and messages

For more information on these and other features of the i35s phone, review this *User's Guide*. Enjoy using your i35s phone!

## Customer Care

For domestic customer care issues, including billing issues, general service needs, or to order additional services, contact Nextel Customer Care.

Visit **nextel.com** for a variety of Customer Care services:

- **Browse** for information on phones, coverage, rates, and other Nextel services. View and download user's guides, try out our interactive virtual products and service demos, find answers to frequently asked questions, order accessories, locate service and repair centers, upgrade phone software, send a message, and more.
- For self-service on your Nextel account, go to **MyNextel** and choose from a variety of options. Contact us online to make changes to your account: add Nextel Online and other services, change rate plans, learn about your bill, view your billing statements, pay your bill online to make changes to your account, reset your Voice Mail password, and more.
- Simply click on **Contact Us** to send us an email request. Our representatives are committed to assisting you. Every effort will be made to address your questions or concerns within 24 hours.

Or, call us at 1-800-639-6111 or dial 611 from your Nextel phone.

To complement the i35s phone and iTraveler Service, Nextel has also launched International Roaming Customer Care support. When traveling outside of the U.S. and Canada, call +1 (360) 662-5202 for your Customer Care Service needs. This international Customer Care number will be toll-free from your Nextel handset.

**NOTE: If calling about your Nextel handset, please call from another phone so we may better troubleshoot the issue.**

## Ordering Information

Various accessories are available for use with your i35s phone, including a Leather Carry Case, Vehicle Battery Charger, extra batteries, a variety of Hands-Free accessories, and more. To order accessories, go to [nextel.com](http://nextel.com) or call Nextel Nextday<sup>SM</sup> Accessories at 1-800-914-3240. You can also contact your Nextel Authorized Sales Representative or stop by any Nextel Store. For information on retail store locations, go to [nextel.com](http://nextel.com).

Contact Nextel Customer Care to order any of the services discussed in this guide, including Nextel Online, additional phone services, Voice Mail, Nextel Mobile Messaging, and much more!

[nextel.com](http://nextel.com)

For information on Direct Protect<sup>SM</sup> insurance protection for your i35s phone, call 1-888-352-9182 or contact your Nextel Authorized Representative.

Visit us at [nextel.com](http://nextel.com) to learn more about Nextel products and services!

## Driving Safety Tips

Safety is the most important call you will ever make.

**NOTE: Check and follow the local laws regarding the use of mobile phones while driving.**

1. **Give driving your full attention.** Don't let anything interfere with your concentration.
2. **Assess road conditions** before making or taking a call.
3. **Let voice mail pick up** when its inconvenient or unsafe to answer the phone.
4. **Program your most frequently dialed numbers** into your phone for speed dialing. When dialing manually without the Turbo Dial<sup>®</sup> one-touch dialing feature, dial only when your vehicle is stopped - or have a passenger dial for you.
5. **Position your phone** where it is easy to see and reach.
6. **Keep your eyes on the road.** Never take notes while driving.
7. **Consider using the hands-free speakerphone or a hands-free accessory** which allows you to keep both hands on the wheel when speaking.
8. **Use your phone's Internet capabilities before you drive.** Nextel Online services are not designed to be used while driving.
9. **Be a Good Samaritan.** Dial 9-1-1 in emergencies to report accidents, impaired or aggressive drivers, crimes or fires. It's a free call. Know your phone number, so emergency services personnel can call you back if necessary.



a safety reminder from  
**NEXTEL**



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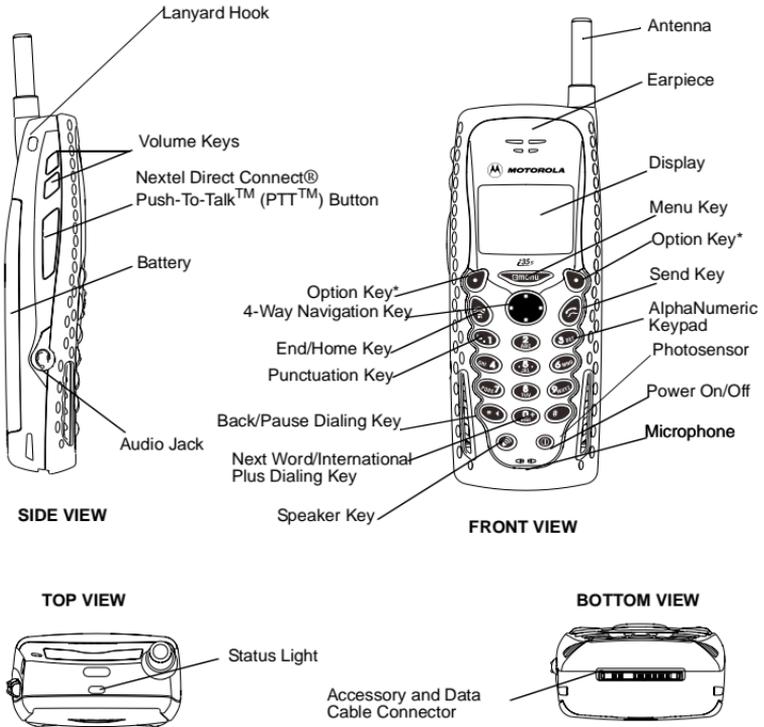
# Getting Started

This section will help you get started using your phone.

This section includes:

i35s Phone Features	Page 6
i35s Phone Menu Tree	Page 7
i35s Phone Icon Glossary	Page 8
Battery	Page 9
Turning Your i35s Phone On/Off	Page 11
Enabling Over-the-Air Radio Service Software (OARSS) Security	Page 12
Receiving Over-the-Air Radio Service Software (OARSS)	Page 13
Subscriber Identity Module (SIM) Card	Page 13
Keypad Lock	Page 22
Status of Your i35s Phone	Page 25
My Information	Page 26
Using T9® Text Input	Page 27

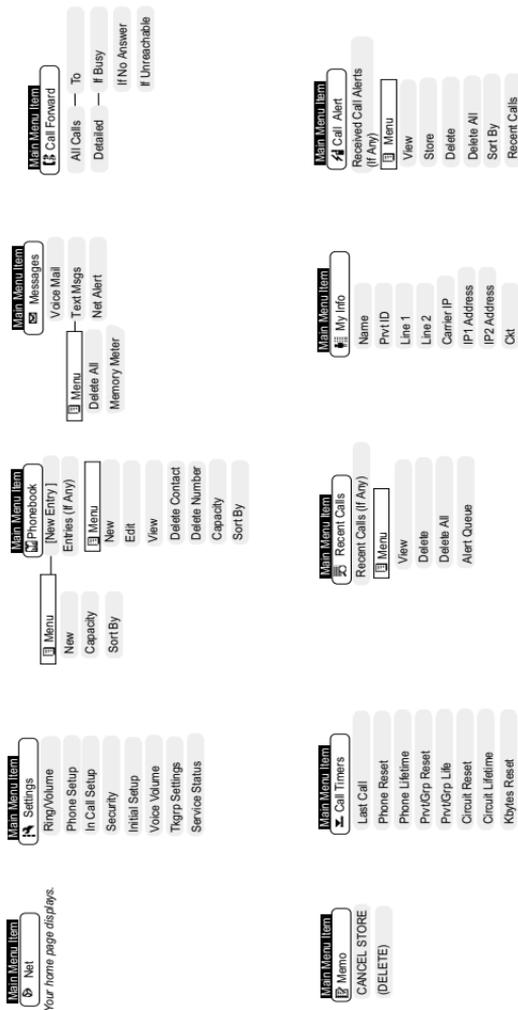
# i35s Phone Features



\* Throughout this User's Guide, the option keys  and  will be represented by .

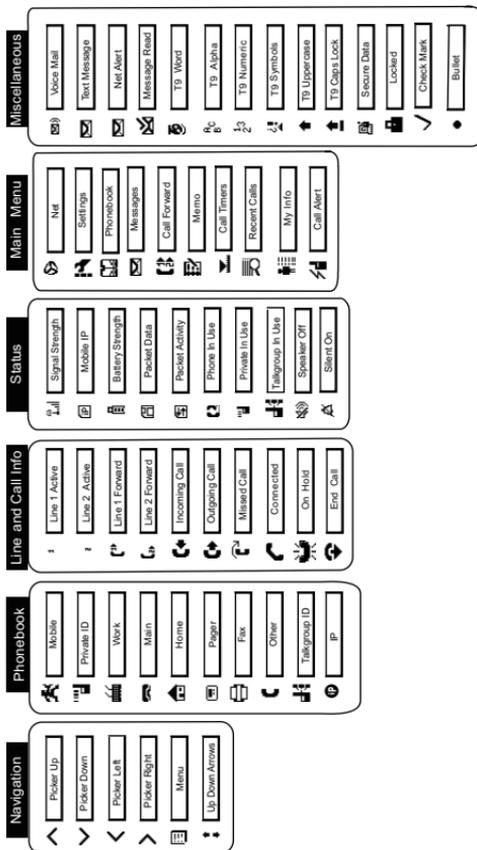
## i35s Phone Menu Tree

You can access the main menu options by pressing or from the idle screen. Use to navigate through the menus and submenus. Press under the display option to perform the desired phone function.



# i35s Phone Icon Glossary

You may see these icons while using your i35s phone:



The icon of the main menu feature in use displays in the top left of the status icon rows. For a list of the main menu options, see “Main Menu Options” on page 38.

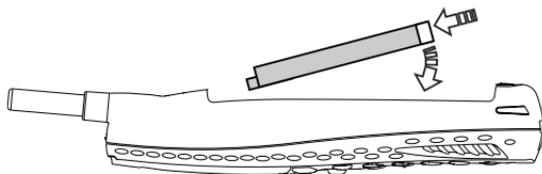
## Battery

Your *i35s* phone comes with a Lithium Ion battery and charger. After attaching the battery, you must charge it before you use it for the first time. See “Batteries” on page 136 for the appropriate charging times for your phone’s battery. When you charge your battery for the first time, you need to charge it for at least 30 minutes more than the time shown on page 136. After the initial charging, the battery can be charged in the time shown on page 136.

Remove the battery from the protective plastic safety tray provided in the original packaging. When the battery is not attached to the phone, store it in the original tray.

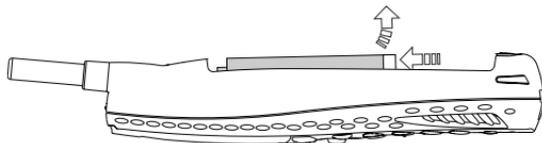
### Attaching the Battery

Insert the top of the battery into the battery area under the housing retention hooks. Press down on the bottom of the battery to secure it. Push down on the battery until you hear a click.



### Detaching the Battery

- 1 Ensure the phone is powered off before attempting to detach the battery.
- 2 Press the battery release button away from the antenna and slide the battery cover away from the antenna.
- 3 Remove the battery by pushing the battery toward the antenna and lifting the battery out of the phone.



## Charging the Battery

**NOTE: The battery can be charged with the phone either turned on or off. For best results, charge it with the phone turned off.**

- 1 With your phone's keypad facing up, plug the charger's accessory connector into the left side of the accessory connector on the bottom of the phone.



**NOTE: To reduce damage to the phone's connector, the charger accessory button should always be used when connecting or disconnecting the charger.**

Charger Accessory Button



- 2 If the charger has folding electrical prongs, flip open the prongs.
- 3 Plug the charger into an electrical outlet.

Your phone screen's backlight will remain lit while the battery is charging.

### Battery Charging Status

The battery strength indicator icon found on your phone's display screen shows the charge amount remaining in the battery.

#### When Using Phone

Icon Display				
Battery Strength	Low Battery	11% to 40%	41% to 70%	Fully Charged

A short, chirp-like sound indicates a low battery. The icon flashes to indicate that you have approximately five minutes of talk time remaining.

### When Charging Battery

Icon Display				
Battery Strength	Low Battery	31% to 60%	61% to 90%	Fully Charged

## Turning Your i35s Phone On/Off

**NOTE: To register for the first time on the Nextel National Network, you must turn on your i35s phone in your local calling area.**

To power the phone on:

1	For optimal signal strength extend the antenna.
2	Press and hold  near the bottom of the phone until the status light glows red, a tone briefly sounds, and <b>Powering On</b> displays.
3	<p>If you have enabled your SIM PIN security feature (see “Enabling/Disabling the SIM PIN Security Feature” on page 14), the <b>Enter SIM PIN Code</b> screen displays. Enter your SIM PIN (see “Entering the SIM PIN” on page 16).</p> <p>Press  under OK.</p>
4	<p>As your phone connects to the Nextel National Network, you will see <b>Welcome To Nextel</b> and a connecting message. When the idle screen appears on the display, you are ready to use your i35s phone!</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-right: auto;">  </div>

If your display reads **No Service** or doesn't change to the idle screen when you turn on your phone, and you know you are in a Nextel coverage area, contact Nextel Customer Care. For details on Nextel coverage areas, go to [nextel.com](http://nextel.com).

To power the phone off:

- 1 Press and hold  near the bottom of the phone until a tone briefly sounds and **Powering Off** displays.
- 2 Push down the antenna.

## Enabling Over-the-Air Radio Service Software (OARSS) Security

To receive OARSS programming, you must enable OARSS security the first time you power on your phone or within 20 days of first activation of your phone. See “Receiving Over-the-Air Radio Service Software (OARSS)” on page 13.

- 1 When you power on your phone for the first time, after the idle screen appears, you will be prompted to select OK to update your browser info.

**NOTE:** If you press  under Later, you will be prompted to enable security each time you power on your phone until you press  under OK. It is recommended that you do not choose Later.



- 2 Press  under OK.
- 3 You are prompted to enable security. Press  under YES. A series of screens displays. If you subscribe to a Nextel Online service plan, your home page displays.
- 4 Press  to return to the idle screen.

## Receiving Over-the-Air Radio Service Software (OARSS)

If you have been set up to receive OARSS programming, you will receive your Private ID and Talkgroup lists for Direct Connect use, your Personal Telephone Number, and the Nextel Customer Care number via a Net Alert message.

In order to receive your programming, you must enable security (see “Enabling Over-the-Air Radio Service Software (OARSS) Security” on page 12). Within 24 hours of enabling security, you will receive a Net Alert message containing your lists.

To accept your phone’s programming:

1	You will receive a Net Alert with the message <b>New Browser Message - Receive Programming Info.</b>
2	Press  under GOTO.
3	You are prompted to accept changes to your phonebook. Press  under OK.
4	A confirmation screen displays. Press  under OK.
5	You are prompted again to accept changes to your phonebook. Press  under OK.
6	A confirmation screen displays. Press  under OK.
7	Press  to return to the idle screen.

## Subscriber Identity Module (SIM) Card

Your phone comes with a built-in level of security protection through the use of the Subscriber Identity Module (SIM) card. The SIM card stores all your Phonebook information and your Nextel account identification information. Since this information is stored on the SIM card and not in your phone itself, you can remove the information by removing the SIM card.

The SIM card is located in the SIM card holder on the back of the phone, underneath the battery. You can verify the SIM card is in place by removing the battery and viewing the SIM card in the SIM card holder.

See “Inserting/Removing the SIM Card” on page 19 for information on locating the SIM card. If there is no SIM card in your phone, notify your Nextel Authorized Representative.

**NOTE: Except for making emergency calls (911), your phone will not function without the SIM card.**

## SIM Card Personal Identification Number (PIN)

To prevent unauthorized use of your account, you can protect your SIM card by enabling the SIM PIN security feature. With the SIM PIN enabled, you must enter your PIN each time the phone is powered on. You can change or disable your PIN if desired.

**NOTE: It is recommended that you enable the SIM PIN security feature to prevent fraudulent use of the SIM card, your i35s phone, and your account.**

### *Enabling/Disabling the SIM PIN Security Feature*

Once the SIM PIN security feature is enabled, you are prompted to enter your PIN each time you turn on your phone. Until a valid PIN is entered, you can use the phone only to make emergency calls.

After the PIN is accepted, the phone registers on the network and the idle screen displays.

When the PIN security feature is disabled, the phone can be used without entering a PIN.

### *To enable SIM PIN security*

- 1 At the idle screen press  then press  to scroll to **Settings**.



- 2 Press  under SELECT. The **Settings** screen displays.

- 3 Press  to scroll to **Security**. Press  under **SELECT** to access the **Security** screen.



- 4 At the **Security** screen, press  to scroll to **SIM PIN**. Press  under **SELECT** to access the **SIM PIN** screen.

- 5 Press  to scroll to **On** or **Off**. **On** enables the SIM PIN security feature; **Off** disables the SIM PIN security feature. Press  under **SELECT**.

- 6 At the **Verify SIM PIN Code** screen, enter the current SIM PIN and press  under **OK**.

**NOTE: Your default SIM card PIN is 0000.**

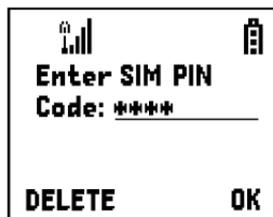
Once you have enabled the SIM PIN security feature, it is recommended that you change your PIN to a 4- to 8- digit number known only to you (see “Changing the PIN” on page 16).

## Entering the SIM PIN

**NOTE:** Incorrectly entering your PIN three times causes the SIM card to be blocked. To unblock your SIM card, you must contact Nextel Customer Care. For more information, see “Unlocking the PIN” on page 18.

- 1 On the **Enter SIM PIN Code** screen, enter your 4- to 8- digit PIN. An asterisk appears for each character entered. The default SIM PIN is 0000.

**NOTE:** Other than emergency dialing, you will be unable to use any of the phone functions, including receiving phone calls, until you enter the PIN.



- 2 Press  under OK.

If you enter an incorrect PIN, the message **SIM PIN incorrect: Try again** appears on your phone's screen. If you make 3 consecutive incorrect attempts, the SIM card is blocked. Once blocked, the phone will not allow you to enter your PIN again, even after powering the phone off and back on. If this happens, see “Unlocking the PIN” on page 18.

## Changing the PIN

**NOTE:** In order to change the PIN, the SIM PIN security feature must be set to On. See “Enabling/Disabling the SIM PIN Security Feature” on page 14.

- 1 From the idle screen, press  and then press  to scroll to **Settings**.



- 2 Press  under SELECT. The **Settings** screen displays.

- 3 Press  to scroll to **Security**. Press  under SELECT to access the **Security** screen.



- 4 At the **Security** screen, press  to scroll to **New Passwords**. Press  under SELECT to access the **New Passwords** screen.

- 5 At the **New Passwords** screen, press  to scroll to **SIM PIN** and press  under SELECT.

- 6 At the **Enter Old SIM PIN Code** screen, enter the current SIM PIN and press  under OK.

**NOTE: The default SIM PIN is 0000.**

- 7 At the **Enter New SIM PIN Code** screen, enter a new 4- to 8-digit SIM PIN and press  under OK.

- 8 At the **Re-enter New SIM PIN Code** screen, re-enter the new SIM PIN to confirm, and press  under OK.

## Unlocking the PIN

If you forget your PIN and unsuccessfully enter it three times, access to your phone will be blocked.

**NOTE:** Before you begin obtain the PIN Unlocking Key (PUK) code from Nextel Customer Care, then read and understand the PIN unlocking sequence. When entering the key press sequence each key press must occur within 5 seconds of the prior key press.

**IMPORTANT:** If you unsuccessfully enter the PUK code ten times, the SIM card is permanently blocked and must be replaced. If this happens, all data will be lost. You will get a message to contact your service provider. Contact Nextel Customer Care for assistance. If the SIM card is blocked, the 35s phone only allows outgoing Emergency calls.

To unblock the PIN:

1	Press      .
2	Enter the 8-digit PUK code.
3	Press  .
4	Enter a new 4- to 8-digit SIM PIN and press  .
5	Re-enter your SIM PIN and press  .

If you entered the codes properly, the **SIM Unlocked** screen displays.

### Inserting/Removing the SIM Card

**IMPORTANT:** If you remove your SIM card and insert it into another phone, some information does not display when you use the new phone with the SIM card. All Phonebook information remains stored on your original SIM card. The following information does not display:

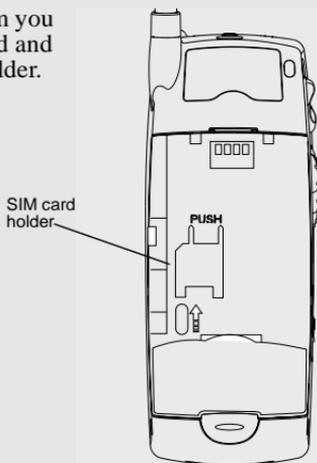
- Recent Calls List
- Call Forwarding settings
- Net Alert notifications
- Information stored in Memo
- Browser bookmarks

**IMPORTANT:** Do not touch the gold-colored areas of the SIM card. To avoid loss or damage, do not remove your SIM card from your phone unless absolutely necessary.

### Inserting the SIM card

1 With the phone powered off, remove the battery cover and battery. See “Detaching the Battery” on page 9.

2 With the antenna facing away from you and the back of the phone exposed and facing up, locate the SIM card holder.

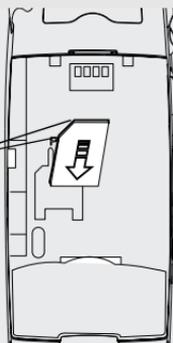


- 3 Hold the SIM card with the gold contact side facing down and the cut corner in the upper left. *Do not touch the gold-colored areas of the SIM card.*

cut corner



- 4 Carefully slide the SIM card with the cut corner in the upper left position into the phone, until it lies flat in the SIM card holder.

Cut Angled  
Corners

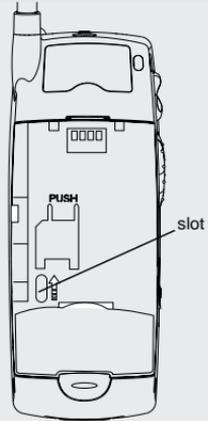
### *Removing the SIM Card*

**NOTE:** To remove your SIM card, you will need a ballpoint pen.

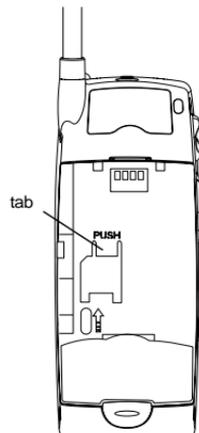
- 1 With the phone powered off, remove the battery cover and battery. See “Detaching the Battery” on page 9.

## Subscriber Identity Module (SIM) Card

- 2** With the antenna facing away from you and pointing up, and the back of the phone exposed, insert the tip of a ballpoint pen into the slot at the bottom of the SIM card end along its left edge.



- 3** With your other hand gently press the PUSH tab on top of the SIM card.



- 4** While holding the PUSH tab down slide the SIM card up, by moving the ballpoint pen in the direction of the arrow within the slot.

- 5 When the ballpoint pen has moved the SIM card up as much as possible, *very carefully* lift the SIM card out of the phone. *Do not touch the gold-colored areas of the SIM card.*

**NOTE: Protect the SIM card as you would any delicate object. When the SIM card is not in the phone, you should store it in something protective, such as a mailing envelope.**

## Keypad Lock

The *i35s* phone includes a Keypad Lock feature that enables you to quickly lock the phone's keypad to avoid inadvertently pressing keys or placing calls. Once Keypad Lock is activated, you can only perform the following tasks:

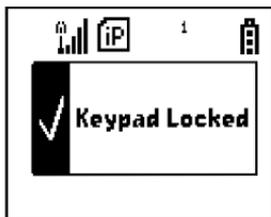
- turn your phone on and off
- unlock the keypad
- receive incoming calls, messages, and alerts

**NOTE: Emergency calls cannot be placed while Keypad Lock is activated.**

Before locking your phone's keypad, you may want to read this entire section to learn how to respond to incoming calls, messages, and alerts.

### Activating Keypad Lock

From the idle screen, press . The message **Keypad Locked** displays on your phone.



Whenever a key is pressed while in Keypad Lock mode, the unlock instructions display briefly.

### Receiving Incoming Calls

When you receive an incoming phone call (see “Receiving a Phone Call” on page 60) Keypad Lock is temporarily disabled.

To answer the call:

- 1 Press  under YES or press  to answer the call.
- 2 When you end the call, the **Recent Calls** list appears. Press  or press  under EXIT, or wait for the **Recent Calls** screen to timeout to reactivate Keypad Lock and return to the idle screen.

To send a call to Voicemail:

Press  under NO or press  to send the call to Voice Mail and reactivate Keypad Lock.

### *Receiving Private Calls*

When you receive an incoming Private Call, Group Call, or Call Alert (see “Direct Connect” on page 101), Keypad Lock is temporarily disabled.

- 1 Press and hold the Push-To-Talk (PTT) button on the side of the phone. Begin talking after the phone emits a chirping sound. Release the PTT button to listen.
- 2 When you end the call the **Recent Calls** list appears. Press  or press  under EXIT, or wait for the **Recent Calls** screen to time out to reactivate Keypad Lock and return to the idle screen.

### Receiving New Voice Mail

When you receive new Voice Mail, Keypad Lock is temporarily disabled.

- 1 When **New Voice Mail Message** displays, press  under EXIT to return to the idle screen and reactivate Keypad Lock.

Or,

Press  under CALL to access Voice Mail. (See “Nextel Voice Mail” on page 85.)

- 2 Once you have finished, press  to exit Voice Mail. The **Recent Calls** list displays. Press  or press  under EXIT, or wait for the **Recent Calls** screen to time out to reactivate Keypad Lock and return to the idle screen.

### Receiving New Text Messages

When you receive new Text Messages (see “Text and Numeric Messaging” on page 80), Keypad Lock is temporarily disabled.

When **New Text Message** displays, press  under EXIT to return to the idle screen and reactivate Keypad Lock.

To delete or save a message:

Press  under READ to read the message. Press  under SAVE or DELETE. Once you have finished, press  or press  under EXIT to reactivate Keypad Lock and return to the idle screen.

### Receiving New Net Alerts

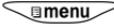
When you receive a new Net Alert, Keypad Lock is temporarily disabled. For more information on “Net Mail Alerts” visit [nextel.com](http://nextel.com).

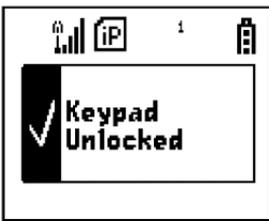
When **New Browser Message** displays, press  under EXIT to return to the idle screen and reactivate Keypad Lock.

To read the message:

- |          |  |
|----------|--|
| <b>1</b> | Press  under GOTO.  |
| <b>2</b> | Press  under View.  |
| <b>3</b> | Press  under OK or Reply. Once you have finished, press  until you reactivate Keypad Lock and return to the idle screen. |

### Deactivating Keypad Lock

From the idle screen, press  . The message **Keypad Unlocked** displays briefly.



### Status of Your i35s Phone

Your i35s phone has a status light that displays on the top of the phone. The status light indicates the status of your connection.

Status Light Indicator	i35s Phone Status
Flashing Red	Signing on to the network. Please wait.
Solid Red	No service or out of coverage area.  If you are in a coverage area, keep your phone on and it will attempt to connect to the network every two minutes. If the phone does not connect after 15 minutes, contact Nextel Customer Care.

Status Light Indicator	i35s Phone Status
Flashing Green	In service/Ready to use. <b>NOTE: Nextel Direct Connect is only available in your home calling area.</b>
Solid Green	In use.

## My Information

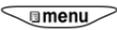
You can select **My Info** from the main menu to display or edit the following:

- **Name** — Enter your name in this field.
- **Private ID** — Your Private ID is displayed in this field. Your Private ID is your Nextel Direct Connect number and is composed of three parts: Area ID \* Network ID \* Member ID. For example: **999\*999\*9999**.

**NOTE: The asterisks are part of the Private ID.**

- **Phone Numbers of Lines 1 and 2** — Your phone's numbers are displayed in these fields. Your phone number is automatically entered when you receive your first phone call. If you have 2 lines coming to the same phone, each number will be entered separately, i.e., after the first call to that line.
- **Carrier IP** — This field displays your phone's carrier assigned IP address.
- **IP Addresses** — These fields display the IP addresses you use to access the Internet with your phone.
- **Circuit Data Number (Ckt)** — You can enter your circuit data number in this field, if you plan to use your phone as a modem.

## Viewing/Editing My Information

1 From the idle screen, press  .

2 Press  to scroll to **My Info**. Press  under **SELECT**. The **My Information** screen displays.

- 3 Use  to scroll through the fields.
- 4 To edit the displayed information, press  under CHANGE. Edit information as desired, and press  under OK to save the changes.
- To return to the idle screen, press  under EXIT.

## Using T9® Text Input

Your *i35s* phone has embedded software called T9® Text Input that makes typing on a phone keypad much like typing on a computer keyboard; it eliminates the traditional **multi-tap** method of text entry. As you type, you press only one key per letter. T9 Text Input matches your keystrokes to words in its linguistic database of approximately 60,000 words and proper names. You may also store additional words in your own user database, which is incorporated into the T9 database.

T9 Text Input is available when you are typing text into your phone (for example, in the Phonebook) and while using Nextel Online services.

### T9 Text Input Entry Modes

Four text entry modes are available in T9 Text Input. They are Alpha, Word, Symbols, and Numeric. When you are using T9 Text Input, an icon in the top right corner of your phone's display screen (next to the battery strength indicator icon) indicates the T9 Text Input entry mode you are using.

Icon*	T9 Entry Mode Name	Used For..
	<b>Alpha</b>	Standard "multi-tap" keypad text entry.
	<b>Word</b>	Entering words and punctuation with one key-press per character.
	<b>Symbols</b>	Entering punctuation and symbols such as "@" or "?".
	<b>Numeric</b>	Entering keypad numbers.

**NOTE: T9 icons do not display while you are using Nextel Online services.**

### *Choosing a Text Entry Mode with Nextel Online*

When you are using Nextel Online services, T9 Text Input becomes available whenever you access a screen that requires you to enter text. The right display option on your the phone's screen indicates your current T9 Text Input text entry mode:

- **ALPHA** and **alpha** for Alpha mode
- **WORD** or **word** for Word mode
- **SYM1**, **SYM2**, **SYM3**, or **SYM4** for Symbols mode
- **NUM** for Numeric mode

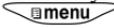
To change text entry modes, press  under the current text entry mode until the desired mode displays.

**NOTE: The remaining T9 Text Input instructions do not apply to Nextel Online. See the *Nextel Online User's Guide* available on [nextel.com](http://nextel.com), for instructions on using T9 Text Input with Nextel Online services.**

### *Choosing a Text Entry Mode*

You can select your text entry mode from a menu available whenever the phone displays a screen that requires you to enter text (for example, the **Name** screen or **Title** screen).

To choose a text entry mode:

- 1 From any screen that requires text input (except Memo), press  to access the **Entry Method** menu.

A check mark appears next to the current text entry mode. When you access a screen that requires text input. The default text entry mode is Alpha.

- 2 Press  to scroll to the desired text entry mode.

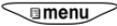
- 3 Press  under SELECT.

The phone returns to the text entry screen. An icon displays indicating the active text entry mode.

**NOTE: The Memo feature accepts numeric input only.**

### Choosing a Language

To change the language of the T9 Text Input database:

1	From any screen that requires text input, press  to access the <b>Entry Method</b> menu.
2	Press  to scroll to <b>Languages</b> .
3	Press  under SELECT.
4	Press  to scroll to the language you want T9 Text Input to use.
5	Press  under SELECT.

**NOTE: This feature is not available when using T9 Text Input with Nextel Online services.**

### Using Alpha Mode

To enter text (letters and numbers) while in Alpha text entry mode:

- Press any key on the alphanumeric keypad to enter the letters and numbers on that key. For example, to enter the letter Y, press  three times.
- Press and hold any letter to capitalize a letter, or press  to capitalize the highlighted letter or the next letter entered.
- Pause briefly to leave the currently displayed character in place and move on to the next place in the text entry field.
- Press  to create a space in the text entry field.
- Press  under DELETE to delete one character. Press and hold  under DELETE to delete an entire entry.

### Using Word Mode

T9 Text Input software replaces conventional multi-tap text entry, enabling users to compose text messages with only one key press per letter. Since each key on a telephone keypad has more than one letter, pressing the number 5 could represent **J**, **K** or **L**. T9 automatically compares users' key presses to a linguistic database to determine the correct word. For example, entering the word **call** into

a wireless phone takes just four key presses with T9, compared to ten using conventional multi-tap entry.

## Special Key Functions

Some of your phone's keys assume different functions while in T9 Text Input Word mode.

### Backspace and Erase

Press  under DELETE once to backspace or to erase a single character. Press and hold  under DELETE to erase the entire text entry field.

### Space

Press  once to accept a word and insert a space when entering text.

### Next Word in Database

Press  to display more words in the database that match the keystroke sequence you entered.

### Shift and Caps Lock

Press  once to make the next letter typed uppercase (Shift), press  twice to make all subsequent letters types uppercase (Caps Lock), or press  a third time to go back to lowercase letters.

These icons appear in the top row of your display screen:

-  for Shift to uppercase
-  for Caps Lock

When neither of these icons appear, letters typed are lowercase.

### Punctuation

In Word mode, T9 Text Input uses Smart Punctuation to quickly apply basic rules of grammar and insert the correct punctuation within a word and at the end of a sentence.

Press  to insert punctuation. One of eight basic punctuation symbols will be inserted ( . , - ' @ : ? ; ).

Press  to change the inserted punctuation symbol to another of the eight basic punctuation symbols.

Press  to accept the punctuation and continue typing.

**NOTE: Additional punctuation symbols are available in Symbols mode.**

## Entering a Word

To enter a word using Word mode:

<b>1</b>	Choose Word as your text entry mode.
<b>2</b>	Type a word by using one key press per desired letter.  For example, to type <b>test</b> press     .
<b>NOTE: The displayed word may change as you type it. Do not try to correct the word as you go. Type to the end of the word before editing.</b>	
<b>3</b>	After you have finished typing, if the word that appears is not the desired word, press  to change the word on the display to the next most likely word in the database.  Repeat until the desired word appears.  If the desired word does not appear, you can add it to the database of words by deleting the displayed word and using the instructions in “Adding Words to the User Database”.

## Adding Words to the User Database

To add words to the T9 database:

<b>1</b>	Change from Word text entry mode to Alpha text entry mode (see “Choosing a Text Entry Mode” on page 28).
<b>2</b>	Type the word using Alpha text entry mode.
<b>3</b>	Return to Word text entry mode.
<b>4</b>	Press  to add a space.  The word you typed in Alpha text entry mode is now in the database.

**NOTE: You cannot store alphanumeric combinations such as Y2K.**

### *Using Symbols Mode*

To use Symbols text entry mode:

- 1 Choose Symbols as your text entry mode.

A row of 32 symbols appears along the bottom of your phone's display screen, just above the display options and menu icon. Press  to scroll and view the entire row.

- 2 Press  to highlight the symbol you want to enter into the text entry field.

- 3 Press  under SELECT to enter the symbol.

### *Using Numeric Mode*

To use Numeric text entry mode, choose Numeric as your text entry mode and press the number buttons on your keypad to enter numbers.

---

# Display Essentials

Your *i35s* phone's display screen tells you what you need to know as you use your phone.

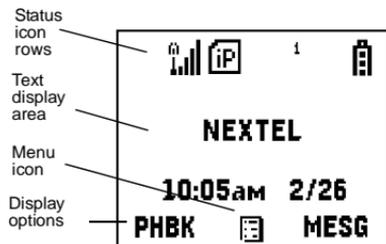
This section includes:

Display Screen	Page 33
Status Icons	Page 34
Text Display Area	Page 36
Call Information Icons	Page 36
Menu Icon	Page 36
Display Options	Page 37
Navigating Menus and Lists	Page 37
Main Menu Options	Page 38

## Display Screen

Any time your phone is powered on, the display screen provides you with information and options. The display screen consists of:

- status icon rows — the top two rows display status. See “Status Icons” on page 34.
- text display area — displays up to four lines of text and icons. See “Text Display Area” on page 36.
- menu icon — see “Menu Icon” on page 36.
- display options — see “Display Options” on page 37.



**NOTE:** There are instances where truncation of words occur in some of the menu items on the i35s phone, that do not allow you to fully view the current menu selection. Press  under CHANGE to see the field in more detail.



## Idle Screen

The idle screen displays any time the phone is powered on, but not engaged in some activity. The idle screen displays NEXTEL, the time, and date. You must start at the idle screen to access many of your phone's features and functions.

Press  to access the idle screen at any time.

## Status Icons

Status icons provide you with information about your phone and its functions.

The icons appear in the two rows at the top of the display screen. Some appear at all times. Others appear only when your phone is engaged in certain activities or when you have activated certain features.

Icon	Indicates...
	<b>Battery Strength</b> — remaining battery charge. More bars on the battery indicate a greater charge. See "Battery Charging Status" on page 10.
	<b>Signal Strength</b> — strength of the network signal. More bars next to the antenna indicate a stronger signal. Four bars is the maximum.
	<b>Active Line</b> — currently active phone line; <sup>1</sup> indicates Line 1 is active; <sup>2</sup> indicates Line 2 is active.
	<b>Call Forward</b> — phone is set to forward calls. See "Call Forwarding" on page 69.

	<b>Phone In Use</b> — phone is connected on an active call.
	<b>Private In Use</b> — phone is active on a Private Call.
	<b>Talkgroup In Use</b> — phone is active on a Talkgroup Call.
	<b>Packet Data Ready</b> — your phone is provisioned for Packet Data but has not successfully Mobile IP registered.
	<b>Packet Data Activity</b> — phone is sending or receiving transmitting data.
	<b>Mobile IP</b> — your phone has successfully registered and is ready to use Nextel's iDEN Packet Data network.
	<b>Secure Data</b> — phone is accessing the Internet using a secure connection.
	<b>Text Message</b> — you have one or more unread Text Messages or Net Alert notifications.
	<b>Voice Mail</b> — you have one or more unheard Voice Mail messages.
	<b>T9 Text Input icons</b> — you are using T9 Text Input to enter text. See “Using T9® Text Input” on page 27.
	<b>TTY</b> — your phone supports TTY devices and communications

The icon of the main menu feature in use always appears in the top left of the status icon rows. For a list of the main menu icons, see “Main Menu Options” on page 38.

## Text Display Area

The text display area contains information such as:

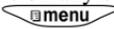
- Menu options
- Messages
- Names
- Phone numbers

## Call Information Icons

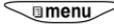
The following icons appear on the left side of the text display area, providing you with information about your calls.

Icon	Indicates...
	<b>In Call</b> - phone is in an active call.
	<b>Incoming Call</b> - phone is receiving an incoming call (not active).
	<b>Outgoing Call</b> - phone is placing an outgoing call.
	<b>On Hold</b> - phone has a call on hold.
	<b>End Call</b> - phone has ended the active call.

## Menu Icon

The menu icon  appears on any screen from which a menu can be accessed. To access a menu, press  on your keypad.

Menus are context sensitive. The menu that appears depends on the screen you access it from, and the items on the menu apply to the task you are currently performing.

Press  or  from the idle screen to access the main menu.

## Display Options

Two display options appear at the bottom of most screens. These options enable you to perform a wide variety of actions, including changing, saving and viewing information, running programs, and canceling previous actions. You activate a display option by pressing  below it.

The idle screen display options provide quick access to two main menu features. By default, the Phonebook (PHBK) and Messages (MESG) display options appear on the idle screen. The option keys cannot be customized.

## Navigating Menus and Lists

The *i35s* phone is menu driven. By navigating menus you access submenus which lead to all of the functions and features that are built into your phone. Use the menus to store calls, manage your Phonebook, change your phone settings, browse the Internet, and more.

Some features include lists of names, numbers, or other information. These list items can be accessed in the same way as menu options.

To access the items in a menu or list, scroll using the four-way navigation key near the center of your keypad. Scroll down by pressing the navigation button down . Scroll up by pressing the navigation button up . Holding down the appropriate part of the navigation button speeds up scrolling. If you continue scrolling after you have reached the bottom or top of a menu or list, you “wrap-around” to the opposite end.

If more items appear in a menu or list than can be displayed in the text area, a down arrow or up arrow appears in the left side of the screen indicating that more options may be accessed by scrolling up or down.

Down arrow



Up arrow



## Main Menu Options

The main menu options appear in the order shown in this table. To access the main menu, press  or  from the idle screen:

Menu Item	Use to ...
 Net	Browse the internet using Nextel Online.
 Settings	Customize your phone: Ring/Vibrate, Phone Setup, In Call Setup, Security, Personalize, Initial Setup, Voice Volume, and Talkgroup Settings.
 Phonebook	Store and retrieve a list of stored entries for calling, editing, viewing, and deleting.
 Messages	Receive, store, access, and manage Voice Mail, Text Messages, and Net Alerts.
 Call Forward	Settings for forwarding calls in various situations.
 Memo	Input and store numbers to access later.
 Call Timers	Display the duration of phone calls, Private or Group Calls, circuit data use, and Kilobytes sent and received.
 Recent Calls	Access a list of the last 20 sent, received, or missed calls. Calls can be made from this list.
 My Info	View the name, Private ID, phone numbers for lines 1 and 2, IP address, and circuit data number of your phone.
 Call Alert	Store received Nextel Direct Connect Call Alerts to respond to at your convenience.

To choose the highlighted main menu selection, press  under SELECT. To exit the main menu and return to the idle screen, press  under EXIT or press .

---

# Phonebook

The Phonebook allows you to store up to 250 frequently used names and numbers. When you store information in your Phonebook, it is saved on your SIM card. If you move your SIM card to another Nextel SIM-based phone, you can access information in your Phonebook from that phone.

**NOTE: If you use a different phone with your SIM card, some information stored in the phone will be unavailable. See “Inserting/Removing the SIM Card” on page 19.**

This section includes:

Phonebook Entries and Speed Dial Numbers	Page 40
Phonebook Icons	Page 40
Accessing Your Phonebook	Page 41
About Phonebook Entries	Page 41
Viewing Phonebook Entries	Page 41
Sorting Phonebook Entries	Page 42
Adding Phonebook Entries	Page 44
Editing Phonebook Entries	Page 49
Deleting Phonebook Entries	Page 50
Pause Digit Entry	Page 50
Plus Dialing	Page 51
Address Book	Page 52

## Phonebook Entries and Speed Dial Numbers

Your Phonebook can store multiple phone numbers for a single name. For example, you can enter someone's name into your Phonebook once and then add that person's home, office, mobile phone, and fax numbers. You can store up to seven phone numbers, one Private ID, and an IP address for each name.

Each phone number stored in your Phonebook is automatically assigned a Speed Dial number that corresponds to its location in your Phonebook. Each phone number uses one Speed Dial number, even if it is assigned to the same name as other phone numbers. The phone number stored in location 1 is assigned Speed Dial number 1, the phone number stored in location 2 is assigned Speed Dial number 2, and so forth, to location 250.

**NOTE: Private IDs, Talkgroup numbers, and IP addresses do not have associated Speed Dial numbers.**

## Phonebook Icons

Icons that appear to the right of entries in your Phonebook convey information about those entries. When you enter a number in your Phonebook, you can designate the number's type using any of the following icons:

	Mobile
	Private ID
	Work
	Main
	Home

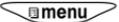
	Pager
	Fax
	IP Address
	Other
	Talkgroup

For more information on entering numbers into your Phonebook, see "Adding Phonebook Entries" on page 44.

## Accessing Your Phonebook

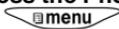
1 From the idle screen, press  under PHBK.

Or,

Press .

2 Press  to scroll to **Phonebook**.

3 Press  under SELECT.

**USER TIP:** You can also access the Phonebook while you are on an active call. Press  then press  to scroll to Phonebook and press  under SELECT.

This brings you to the **Phonebook** screen. From this screen, you can view, sort, add, edit, and delete Phonebook entries, check Phonebook capacity, or make calls.

## About Phonebook Entries

Each Phonebook entry may contain the following information:

- **The name associated with the entry** — typically, this is the name of the person whose number you are storing in the Phonebook.
- **The type of number to be stored** — Mobile, Private, Work, Main, Home, Pager, Fax, IP, Other, or Talkgroup.
- **The number to be stored** — every Phonebook entry must contain a number. This number may be any type of phone number, Private ID, or Talkgroup number.
- **A Speed Dial number** — you may accept the default Speed Dial number or assign a different one.

## Viewing Phonebook Entries

Names with more than one number assigned to them appear with  surrounding the icon to the right of the name. For example, if you had stored a home and work number for Joe Smith, the entry for Joe Smith's home phone number would look like this:

Joe Smith 

When the name is highlighted, press  to scroll to the icon representing each of the numbers assigned to that name. To view any of the numbers assigned to a name:

1 From the **Phonebook** screen, press  to scroll to the name associated with the number you want to see.

2 Press  to view the icons representing the numbers assigned to that name.

3 When the icon representing the number you want to view is displayed, press  under **VIEW**.

Or,

If there is a Private ID or a Talkgroup number stored for the entry, press . Then press  to scroll to **View** and press  under **SELECT**.

4 Press  to view the other numbers stored for this name.

## Sorting Phonebook Entries

You can sort your Phonebook entries by:

- Name — the name you entered for the entry
- Speed # — the Speed Dial location of the entry

**NOTE: Private IDs and Talkgroup numbers cannot be accessed from the Phonebook when it is sorted by Speed Dial location.**

To sort your Phonebook list:

- 1 From the **Phonebook** screen, press  to view the **Phonebook Menu** screen.



- 2 Press  to scroll to **Sort By**.

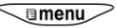
- 3 Press  under **SELECT**.

- 4 Press  to scroll to the desired sorting method: **Name** or **Speed #**.

- 5 Press  under **SELECT**.

## Checking Phonebook Capacity

Your Phonebook can store up to 250 separate numbers. To see how many entries are stored in your Phonebook:

- 1 From the **Phonebook** screen, press  to view the **Phonebook Menu** screen.

- 2 Press  to scroll to **Capacity**.

- 3 Press  under **SELECT**.

The **Capacity** screen shows how many storage spaces in your Phonebook are in use and how many are empty.

## Adding Phonebook Entries

Using the following instructions, you will enter the information in the order the items appear on the Phonebook **Entry Details** screen. However, you can enter this information in any order by pressing  to scroll through the items on the **Entry Details** screen.

You can leave an item blank or unchanged by pressing  to scroll past it on the **Entry Details** screen.

**NOTE: Number and type are required for a valid Phonebook entry.**

To cancel a Phonebook entry at any time, press  to return to the idle screen.

To add a Phonebook entry:

- 1 To access the **Entry Details** screen:

From the **Phonebook** screen, with [New Entry] highlighted, press  under SELECT.

Or,

From the **Phonebook** screen, press . Then press  to scroll to **New** and press  under SELECT.



- 2 If you want to assign a name to your Phonebook entry:

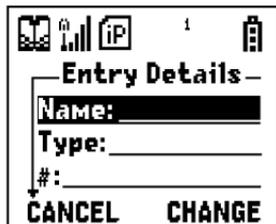
With the **Name** field highlighted, press  under CHANGE.

From the **Name** screen, enter the name using the alphanumeric keypad.

See “Using T9® Text Input” on page 27 for information about entering text into this field.

When you are finished, press  under OK.

The **Entry Details** screen returns with the **Type** field highlighted.



- 3 With the **Type** field highlighted, press  under CHANGE.

From the **Type Editor** screen, press  to scroll to the type of number you want to assign to the Phonebook entry.

Press  under SELECT.

The **Entry Details** screen returns with the # field highlighted.



- 4 Assign a number to your Phonebook entry:

With the # field highlighted, press  under CHANGE.

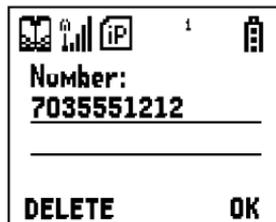
Type the number using the alphanumeric keypad. For phone numbers, use the 10-digit format and for Private IDs, use **Area ID \* Network ID \* Member ID** (the asterisks must be included as part of the Private ID).

To delete a digit, press  under DELETE.

See “Pause Digit Entry” on page 50 and “Plus Dialing” on page 51 for information on using these features when storing phone numbers in your Phonebook.

**NOTE: The number can be up to 20 characters long.**

When you are finished, press  under OK.



The **Entry Details** screen returns with the **Speed #** field highlighted.

- 5 The default Speed Dial number assigned to the phone number is displayed in the **Speed #** field. This is always the next available Speed Dial location.

**NOTE: Private IDs and Talkgroup numbers do not have associated Speed Dial numbers.**

To accept the default Speed Dial location, go to step 6.

If you want to assign the phone number to a different Speed Dial location:

With the **Speed #** field highlighted, press  under CHANGE.

Press  under DELETE to delete the current Speed Dial number.

Type the new Speed Dial number using the alphanumeric keypad.

When you are finished, press  under OK.

**NOTE: If you change the Speed Dial number to one already in use, you will be prompted to overwrite the entry that is currently in that location. Pressing  under YES will delete the existing entry from your Phonebook.**



- 6 If you want to store more numbers to the name associated with this Phonebook entry:

Press  to scroll to **TYPE** and then press  under CHANGE.

A new **Type** field appears for the additional number.

Enter the information for the additional numbers using step 3 through step 7.

**NOTE: Each name in your Phonebook may have up to seven phone numbers, one Private ID and one IP address associated with it.**



- 7 When you have entered all the information for this Phonebook entry, press  under DONE.



## Storing Numbers and Private IDs Quickly

Your phone gives you two ways to store numbers quickly: from the idle screen and from the Recent Calls list.

To store a number from the idle screen:

- 1 Use the alphanumeric keypad to enter the number you want to store. For phone numbers, use the 10-digit format and for Private IDs, use **Area ID\*Network ID\*Member ID**.

- 2 Press  to access the **Dialing Menu** screen.

- 3 With **Store Number** highlighted, press  under SELECT.

This displays the **Store To** screen with **[New Entry]** highlighted.

- 4 **To store to a new entry**, press  under SELECT. The **Entry Details** screen displays with the number entered in the field.

Or,

**To store to an existing entry**, press  to scroll the list of names in your Phonebook. Or press the first letter of the entry to jump to the entry. Once the desired entry is highlighted, press  under SELECT. The Phonebook information for that entry displays with the number entered in the # field and the **Type** field highlighted.

- 5 Press  under CHANGE. Press  to scroll to the type of number you want to assign to the Phonebook entry. Press  under SELECT.

- 6 If you want to add more information to the Phonebook entry, follow the applicable instructions in “Adding Phonebook Entries” on page 44.
- 7 Press  under DONE.

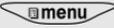
To store a phone number from the Recent Calls list:

- 1 Press  to scroll to the 10-digit telephone number you want to store.
- 2 Press  under STORE. This displays the **Store To** screen with **[New Entry]** highlighted.
- 3 **To store a new entry**, press  under SELECT. The **Entry Details** screen displays with the number entered in the # field and the **Name** field highlighted. Enter the name using the alphanumeric keypad. Press  under OK.  
  
Or,  
  
**To store to an existing entry**, press  to scroll the list of names in your Phonebook. Or press the first letter of the entry to jump to it. Once the desired entry is highlighted, press  under SELECT. The Phonebook information for that entry displays with the number entered in the # field and the **Type** field highlighted.
- 4 With **Type** highlighted, press  under CHANGE. Press  to scroll to the type of number you want to assign to the Phonebook entry. Press  under SELECT.
- 5 If you want to add more information to the Phonebook entry, follow the applicable instructions in “Adding Phonebook Entries” on page 44.
- 6 Press  under DONE.

To store a Private ID from the Recent Calls list:

- 1 Press  to scroll to the Private ID number you want to store.

**NOTE: The Store option for Private ID numbers (e.g., 123\*123\*1234), will not display in the Recent Calls list.**

- 2 With the **Private ID** highlighted, press  to access the **Rec. Calls Menu**. Press  to scroll to **Store**. Press  under **SELECT**. This displays the **Store To** screen with **[New Entry]** highlighted.

- 3 **To store a new entry**, press  under **SELECT**. The **Entry Details** screen displays with the Private ID icon entered in the **Type** field, the Private ID number entered in the **#** field, and the **Name** field highlighted.

Or

**To store to an existing entry**, press  to scroll the list of names in your Phonebook. Once the desired entry is highlighted, press  under **SELECT**. The **Entry Details** screen displays with the Private ID icon entered in the **Type** field, the Private ID number entered in the **#** field, and the **Name** field highlighted.

- 4 Press  under **CHANGE**. Enter the name using the alphanumeric keypad. Press  under **OK**.

- 5 Press  under **DONE**.

## Editing Phonebook Entries

- 1 From the **Phonebook** screen, press  to scroll to the entry you want to edit.

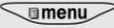
- 2 Press  to view the **Phonebook Menu**.

- 3 Press  to scroll to **Edit**.

- 4 Press  under SELECT. The **Entry Details** screen displays.
- 5 Follow the applicable instructions in “Adding Phonebook Entries” on page 44 to edit the various fields.

**NOTE:** To add additional numbers to an existing entry, follow the applicable instructions in “Adding Phonebook Entries” on page 44.

## Deleting Phonebook Entries

- 1 From the **Phonebook** screen, press  to scroll to the entry you want to delete.
- 2 Press  to view the **Phonebook Menu**.
- 3 Press  to scroll to **Delete Contact** or **Delete Number**.  
  
**Delete Contact** deletes the name and all numbers associated with that name.  
  
**Delete Number** deletes the number associated with the icon that is currently displayed in the Phonebook list for the name. The name and all the other numbers will remain.
- 4 Press  under SELECT. A warning screen displays requiring you to confirm the deletion.

## Pause Digit Entry

When storing a number, you can program your phone so it will not only dial a number but also pause before entering another series of numbers such as a personal identification number (PIN) or password. This feature is particularly useful for accessing automated services such as voice mail or banking systems from your *i35s* phone.

Example: Let's say you have a company voice mail account that you frequently check while traveling. And, to access that account you must do the following:

- dial your work number
- press # while the voice mail greeting is being played
- enter your PIN to access your messages

You can program your phone to enter all of the above information for you by separating each entry with a pause. The stored data would look like this: 17035551234P#P1234. In this example, the first eleven digits represent the number that must be dialed to access your voice mail. The P represents a 3 second pause. The # interrupts your greeting. The second P represents another 3 second pause. The last four digits represent your PIN.

To create a three-second pause, follow the steps below:

Press and hold  for two seconds. The pause symbol (P) will appear on the display screen.

**NOTE: You can enter up to 20 characters in a single entry. You can program your phone to pause for more than 3 seconds. Performing the above step twice will program two pauses and cause your phone to wait 6 seconds before entering the next set of numbers.**

## Plus Dialing

This feature enables you to place an international call from most countries that share Nextel's network — without entering the local international access code. Use Plus Dialing for all Phonebook entries if you plan to travel outside the United States. Begin by following the instructions for “Adding Phonebook Entries” on page 44. Before you type the phone number to be stored:

- 1 Press and hold  for two seconds. A “0” appears, then changes to a “+”.

**NOTE: The network translates the “+” into the appropriate international access code needed to place the call.**

- 2 Enter the country code, city code, or area code (as needed) and phone number.
- 3 Follow the instructions for “Adding Phonebook Entries” on page 44.

## **Address Book**

Manage your contact information with the Nextel Online<sup>®</sup> Address Book. Address Book provides easy maintenance and entry of contact information and access to that information from your *i35s* phone or nextel.com. Address Book is a Nextel Online service and requires the activation of a Nextel Online service plan. To order, call 1-800-NEXTEL6 or contact your Nextel sales representative.

For instructions on how to use this application, see “Address Book” in the *Nextel Online<sup>®</sup> User’s Guide*, located on nextel.com.

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# Digital Cellular

The *i35s* phone use Nextel's All-Digital National Network for digital cellular service. You can also use your Nextel phone to roam internationally on other iDEN networks using Nextel Worldwide<sup>SM</sup> Service. See [nextel.com](http://nextel.com) for coverage.

This section includes:

Making Phone Calls	Page 54
Emergency Calling	Page 59
Special Dialing Codes	Page 59
Receiving a Phone Call	Page 60
Sending Unanswered Calls to Voice Mail	Page 60
Missed Calls	Page 60
Recent Calls	Page 61
Call Timers	Page 60
Mute	Page 65
Call Waiting	Page 66
Call Hold	Page 67
Three-Way Calling	Page 68
Call Forwarding	Page 69
Caller ID	Page 73
Alternate Line Service	Page 75
Call Restrictions	Page 76
Nextel 411	Page 76

## Making Phone Calls

Your i35s phone provides the following features for making phone calls:

- Direct Dial
- Phonebook
- Recent Calls
- Speed Dial
- Turbo Dial®
- Last Number Redial
- TTY

### Using Direct Dial

- |   |  |
|---|--|
| 1 | From the idle screen, use the keypad to enter the 10-digit phone number you want to call.                  |
| 2 | Press  to place the call. |
| 3 | Press  to end the call.   |

**NOTE: See “Plus Dialing” on page 51 for information on making international calls.**

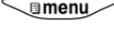
If you make a mistake:

- To clear one digit, press  under DELETE.
- To clear all digits, press and hold  under DELETE.
- To insert a digit, press  to move the cursor.
- To cancel, press .

### Making Calls from the Phonebook

After you have entered phone numbers into your Phonebook, you can use these numbers to make phone calls. For information on entering numbers into your Phonebook, see “Adding Phonebook Entries” on page 44.

To make calls from the Phonebook:

1 From the idle screen, press  under PHBK or press . Press  to scroll to **Phonebook**. Press  under SELECT.

2 Press  to scroll through the names in your Phonebook.

Or,

Use the alphanumeric keypad to enter the first letter of the name and press  to scroll through the names beginning with that letter.

Stop when the name of the person you want to call is highlighted.

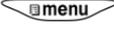
3 If more than one number is stored for the person you want to call,   appears around the icon to the right of the person's name.

Press  to scroll to the icon representing the number you want to call.

Or,

Press  under VIEW to view the number. You can press  to scroll to the number you want to call.

Or,

If there is a Private ID stored for the person View will not be one of the display options. Therefore, press  to scroll to **View** and press  under SELECT. Then you can press  to scroll to the number you want to call.

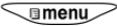
For more information on assigning multiple numbers to one person, see "Adding Phonebook Entries" on page 44.

4 Press  to place the call.

5 Press  to end the call.

## Making Calls from the Recent Calls List

Your phone stores the numbers of the last 20 calls you received or sent in the Recent Calls list.

- |   |  |
|---|--|
| 1 | From the idle screen, press  .  |
|   | Or,<br>From the idle screen, press  . Press  to scroll to <b>Recent Calls</b> . Press  under SELECT.  |
| 2 | Press  to scroll through the list of recent calls until you reach the desired call.   |
| 3 | To view additional information about the call:<br><br>Press  under VIEW.<br><br>Or,<br><br>Press  to access the <b>Rec. Calls Menu</b> . Then press  to scroll to <b>View</b> and press  under SELECT. |
| 4 | Press  to place the call.   |
| 5 | Press  to end the call.   |

## Using Speed Dial

Each phone number stored in your Phonebook is assigned a Speed Dial number. You can use the Speed Dial number to quickly place a call.

- |   |  |
|---|--|
| 1 | From the idle screen, enter the Speed Dial number assigned to the phone number you want to call.   |
| 2 | Press  . The number's Phonebook entry information will display. |
| 3 | Press  to place the call.                                       |
| 4 | Press  to end the call.   |

### Using Turbo Dial®

Turbo Dial allows you to quickly call the numbers in your Phonebook that are associated with the Speed Dial numbers 1 through 9.

To use Turbo Dial:

Press and hold a number key (1 through 9).

**NOTE:** Turbo Dial cannot be accessed while the browser is active, nor while Keypad Lock or SIM Lock is active.

### Last Number Redial

Press and hold  to redial the last number you called.

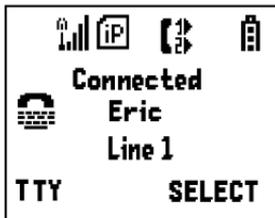
**NOTE:** If you receive “System Busy, Try Later,” press  to redial the number automatically. You will hear a ring-back tone when the call is successfully placed.

### Making TTY Calls

**NOTE:** TTY may not be available in all areas.

You can use your phone to make calls using a TTY device.

When you make a TTY call, the call begins in the TTY mode you last selected. You can change the TTY mode during a call. For more information on choosing a TTY mode, see “Setting TTY Mode” on page 129.



**NOTE:** If your phone's Redial option is turned on, it is not necessary to press  to redial. The number is automatically redialed for you.

To make a call using a TTY device:

- 1 Connect one end of a 2.5mm cable into the audio jack on the phone. (To locate the jack, see page 6.) Connect the other end of the cord into your TTY device.
- 2 Enter the phone number you wish to call and press .

## Placing International Phone Calls

**NOTE: Your service default is “International Calls Restricted.” Contact Customer Care to obtain international dialing access.**

When making an international call from outside of the United States and Canada, you can either enter the international access code directly (for example, 011 in the United States) or use Plus Dialing.

You can make international calls while traveling outside of the United States and Canada from your Phonebook if you have stored the numbers with Plus Dialing. See “Adding Phonebook Entries” on page 44 and “Plus Dialing” on page 51 for more information.

**NOTE: International calls placed within the United States and Canada do not require an international access code.**

To make an international call using Plus Dialing:

- 1 Press and hold  for two seconds. A “0” appears, then changes to a “+”.

**NOTE: The network translates the “+” into the appropriate international access code needed to place the call.**

- 2 Enter the country code, city code, or area code (as needed), and phone number.
- 3 Press  to place the call.
- 4 Press  to end the call.

### Emergency Calling

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

To place an emergency call, press    . You will be connected to the nearest emergency dispatch center. If you are on an active call, you must end it before calling 911.

**NOTE: If you have enabled the Keypad Lock feature, you must unlock the phone's keypad before a call can be made including 911 emergency calls.**

### Special Dialing Codes

#### Non-Emergency Numbers

Nextel supports many “non-emergency” numbers (such as #77 or 311) 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

Nextel phones support services for communicating with speech and/or hearing impaired individuals. You can press     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.

## Receiving a Phone Call

Incoming calls are indicated by a ring, a vibration or backlight illumination.

The screen will display:

- the caller's name (if stored in your Phonebook) and the icon indicating the number type (work, home, mobile, etc.) or
- the 10-digit number if Caller ID information is available.

Otherwise, the screen will display **Incoming Call**.

Press  or any key on the keypad, or press  under YES to answer the call.

## Sending Unanswered Calls to Voice Mail

Press  or press  under NO while your phone is ringing to send incoming calls directly to Voice Mail. The  icon will appear on the idle screen to remind you that you have a stored Voice Mail message.

## Missed Calls

Missed calls are shown on the display screen with the missed call icon .

## Ending a Phone Call

Press .

**NOTE:** The Recent Calls list displays briefly after each phone call.

---

## Recent Calls

The Recent Calls feature stores the numbers of the 20 most recent calls you have made and received, including Private and Group Calls. You can access Recent Calls to:

- view your recent calls
- store numbers to the Phonebook
- delete recent calls
- call numbers on the Recent Calls list

**NOTE: The Recent Calls list displays briefly after each call.**

## Recent Calls Icons

For Private Calls, Group Calls, and numbers stored in your Phonebook, an icon appears to the right of the name or number indicating the Phonebook type of the number used in the call. See “Phonebook Icons” on page 40 for more information about Phonebook types.

For phone calls, an icon appears to the left of the name or number indicating the type of call:

-  indicates an incoming call
-  indicates an outgoing call
-  indicates a missed call. (Missed calls appear on your Recent Calls list if you have Caller ID. You will still get notified of a missed call if you don't have Caller ID but you will not know who called.)

For Nextel Direct Connect calls, an icon appears to the left of the name or number indicating the type of call:

-  indicates a Private Call
-  indicates a Group Call

## Viewing Recent Calls

If the number of the recent call is stored in your Phonebook, the name associated with the number displays.

To view your Recent Calls list:

1 From the idle screen, press .

Or,

From the idle screen, press . Press  to scroll to **Recent Calls**. Press  under **SELECT**.

2 Press  to scroll through the list of recent calls.

## Getting Detailed Information About Recent Calls

To get more information about a recent call:

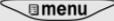
1 From the **Recent Calls** screen, press  to scroll to the call for which you want more information.

2 Press  to access the **Rec. Calls Menu**. Then press  to scroll to **View** and press  under **SELECT**.

The Call Details screen that appears displays information such as the name associated with the number of the recent call (if previously stored in the phonebook), the number, date, time, and duration of the call.

## Storing a Recent Call to the Phonebook

To store a number from the Recent Calls list to the Phonebook:

<b>1</b>	From the <b>Recent Calls</b> screen, press  to scroll to the number you want to store.
<b>2</b>	Press  under STORE.  Or,  Press  to access the <b>Rec. Calls Menu</b> . Then press  to scroll to <b>Store</b> and press  under SELECT.  This displays the <b>Store To</b> screen with <b>[New Entry]</b> highlighted.
<b>3</b>	To store a Recent Call number or Private ID to the Phonebook, follow steps 3-6 in “Storing Numbers and Private IDs Quickly” on page 47.

## Calling From the Recent Calls List

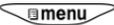
See “Making Calls from the Recent Calls List” on page 56.

## Deleting Recent Calls

To delete a recent call:

<b>1</b>	From the <b>Recent Calls</b> screen, press  to scroll to the call you want to delete.
<b>2</b>	Press  to access the <b>Rec. Calls Menu</b> .
<b>3</b>	Press  to scroll to <b>Delete</b> .
<b>4</b>	Press  under SELECT.
<b>5</b>	Press  under YES to confirm the deletion.

To delete all calls on the Recent Calls list:

1	From the <b>Recent Calls</b> screen, press  to access the <b>Rec. Calls Menu</b> .
2	Press  to scroll to <b>Delete All</b> .
3	Press  under <b>SELECT</b> .
4	Press  under <b>YES</b> to confirm the deletion.

## Call Timers

Call Timers measure the duration of your phone calls, Private or Group Calls, and circuit data use, as well as the number of Kilobytes sent and received by your phone.

The **Call Timers** menu displays the following options:

- **Last Call** — displays the duration of your most recent phone call
- **Phone Reset** — keeps a running total of your phone call minutes, until you reset it
- **Phone Lifetime** — displays the total minutes of all your phone calls
- **Prvt/Grp Reset** — keeps a running total of all of your Private and Group Call minutes, until you reset it
- **Prvt/Grp Life** — displays the total minutes of all your Private and Group Calls
- **Circuit Reset** — keeps a running total of all of your circuit data use, until you reset it
- **Circuit Lifetime** — displays the total minutes of all of your circuit data use
- **Kbytes Reset** — keeps a running total of the number of Kilobytes sent and received by your phone, until you reset it

To view the **Call Timers** menu:

1	From the idle screen, press  .
---	---

2 Press  to scroll to **Call Timers**.

3 Press  under SELECT.

To view or reset a Call Timers option:

1 From the **Call Timers** menu, press  to scroll to the Call Timers option you want to view or reset.

2 Press  under SELECT.

3 If the feature does not include an option to reset or you do not wish to reset the option, press  under DONE when you are finished viewing.

To reset a feature, press  under RESET. When the confirmation screen appears, press  under YES to confirm the reset.

**NOTE: The values displayed by Call Timers should not be used for billing. Call timers are estimates only.**

## Mute

Use the Mute feature to listen to incoming audio without allowing sound from your phone's microphone to be transmitted over the phone line.

To turn mute on:

While on an active call, press  under MUTE.

While mute is on, UNMUT appears as a display option and **Mute** appears in the text display area.

To turn mute off:

Press  under UNMUT.

## Call Waiting

Call Waiting allows you to receive a second call while you are talking on the phone. You can switch between calls so you never have to miss a call. By default, Call Waiting is always on unless you turn it off for a specific call.

If you're on a call and you receive a second call, you will:

- hear a tone
- see a message on your display informing you of another incoming call



## Accepting Calls

Press **⏏** under YES. The first call is placed on hold and the new call becomes active.

To end the active call and accept the second call, press **⏏**. Then press **⏏** or press **⏏** under YES.

## Switching Between Calls

When you accept a second call while you are talking on the phone, your display shows the name or number of each call. An icon appears to the left of each name or number indicating the call is on hold **⏏** or active **⏏**.

Press **⏏** under SWITCH to switch between calls.



## Declining Calls

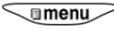
Press  under NO. If you subscribe to Voice Mail, the call will be sent to your Voice Mail box.

## Ending the Active Call

Press .

## Turning Off Call Waiting

If you do not want to be interrupted during a call, you can turn Call Waiting off prior to making/receiving a call.

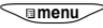
- 1 From the idle screen, press . Press  to scroll to **Settings**, and press  under SELECT.
- 2 Press  to scroll to **In Call Setup** and press  under SELECT.
- 3 Press  to scroll to **Call Waiting** and press  under CHANGE.
- 4 Press  to scroll to **Off** and press  under SELECT.

Call Waiting is now disabled for the next call. It will automatically reset to **On** when you end the call.

## Call Hold

When you are on an active call, you can place the call on hold and make a second call.

To place an active call on hold:

- 1 Press  to access the **Call Menu**.
- 2 Press  to scroll to **Hold**.
- 3 Press  under SELECT.

- 4 If you have not placed a second call, you can resume this call by pressing  under RESUME.

To place a second call while the first call is on hold:

- 1 Enter the second phone number you want to call. Or select the number from your Phonebook by pressing  and selecting **Phonebook**.

- 2 Press  to place the second call.

To toggle between the two calls:

Press  under SWITCH.

To end the active call:

Press . The call on hold becomes active.

## Three-Way Calling

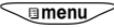
Using Three-Way Calling, you can combine two ongoing phone calls into one conversation. While on an active call, you can make a second call and combine the two calls.

To make a three-way call:

- 1 Place or receive a phone call.
- 2 While on the call, press  under 3-WAY. The first call will be placed on hold.

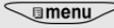
**3** Enter the second phone number and press  to place the second call.

Or, access the number from your Phonebook:

Press  and then press  to scroll to **Phonebook**.

Press  under **SELECT**.

To place the call, see “Making Calls from the Phonebook” on page 54.

**4** After you reach the second individual, press .

**5** Press  to scroll to **3 Way**.

**6** Press  under **SELECT**. Both calls will appear on your display.

## Call Forwarding

Nextel’s Call Forwarding features forward calls to the number you designate. The following Call Forwarding options are available:

- **All Calls** — When this option is turned on, all calls will be sent automatically to a number you specify. When this option is turned off, your **Detailed** options will be activated.
- **Detailed** — Choosing this option enables you to forward calls you missed to Voice Mail or other numbers, depending on why you missed each call:
  - **Busy** — your phone is engaged in other activities.
  - **No Answer** — you do not answer. The phone will ring 4 times before forwarding the call.
  - **Unreachable** — your phone is out of coverage or powered off.

**NOTE:** For you to receive Voice Mail messages, the **All Calls** option must be set to **Off** and the **Detailed** options must be set to your **Voice Mail access number**. Your **Voice Mail access number** is the first six digits of your 10-digit phone number followed by 6245. This is the default setting. For example, if your 10-digit phone number is 703-433-1212, your voicemail access number is 703-433-6245.

You can forward Line 1 and Line 2 independently. For more information on using two lines, see “Alternate Line Service” on page 75.

When your phone is set to forward All Calls, one of the following icons appears on the top row of your display screen to indicate the call forwarding option you have chosen:

Icon	Indicates...
	Line 1 is active; calls from Line 1 are being forwarded.
	Line 1 is active; calls from Line 2 are being forwarded.
	Line 1 is active; calls from Line 1 and Line 2 are being forwarded.
	Line 2 is active; calls from Line 1 are being forwarded.
	Line 2 is active; calls from Line 2 are being forwarded.
	Line 2 is active; calls from Line 1 and Line 2 are being forwarded.

## Turning On Call Forwarding

<p>1 From the idle screen, press  then press  to scroll to <b>Call Forward</b>.</p>	
<p>2 Press  under <b>SELECT</b>.</p>	
<p>3 At the <b>Call Forward</b> screen, the <b>Forward</b> field is highlighted. Press  under <b>CHANGE</b>.</p>	

4 Press  to scroll to **All Calls**.

5 Press  under SELECT.

6 Press  to scroll to the **To** field and press  under CHANGE.

7 To activate a call forwarding number:

If you have never used Call Forwarding before, the **Forward** screen appears. To enter a call forwarding number, type the number on your phone's keypad or press  under SEARCH to select from numbers stored in your phonebook. Press  under OK.

Or,

If you have used Call Forwarding before, the call forwarding number you last used is displayed. Press  under CHANGE to access the **Forward** screen.

To forward your calls to this number, press  under OK.

To forward your calls to a different number, press and hold  under DELETE to erase the displayed number. Type the new number on your phone's keypad or press  under SEARCH to select from numbers stored in your phonebook. Press  under OK.

Your calls will now be forwarded to the number you selected.

### Turning Off Call Forwarding

1 From the idle screen, press  then press  to scroll to **Call Forward**.

2 Press  under SELECT.

The **Call Forward** screen displays with the **Forward** field highlighted.

3 Press  to scroll to the **To** field and press  under CHANGE.

4 Press  to scroll to **Off** and press  under SELECT.

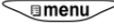


You will now receive all calls on your phone. When you are unavailable, your calls will be forwarded according to your **Detailed** Call Forwarding settings. By default, the **Detailed** option is set to forward your calls to Voice Mail.

## Setting Call Forwarding to Voice Mail

In most cases, turning off Call Forwarding restores your ability to receive Voice Mail messages when you are unavailable (see “Turning Off Call Forwarding” on page 71). If you have completed those steps but are still not able to receive Voice Mail messages, you can reset Call Forwarding to Voice Mail.

For you to receive Voice Mail messages, Call Forwarding must be set to **Detailed** with your Voice Mail access number:

1 From the idle screen, press  then press  to scroll to **Call Forward**.

2 Press  under SELECT.

The **Call Forward** screen displays with the **Forward** field set to **Detailed**.

3 Press  to scroll to the **If Busy** field and press  under CHANGE.

4 The call forwarding number you last used is displayed. Press  under CHANGE. If this is your Voice Mail access number (the first six digits of your 10-digit phone number followed by 6245), go to step 7.

5	Press and hold  under DELETE to erase the displayed number.
6	Enter your Voice Mail access number.  Your Voice Mail access number is the first six digits of your 10-digit phone number, followed by 6245. (For example 7035556245.)
7	Press  under OK.
8	Repeat step 3 through step 7 for the <b>If No Answer</b> field and the <b>If Unreachable</b> field.
9	When finished, press  under EXIT.

**NOTE:** You can use the Detailed setting to forward calls to other numbers if desired. However, it is recommended that you leave Detailed set to the Voice Mail access number and use the All Calls setting if you wish to forward your calls to another number.

## Additional Phone Features

In addition to the standard features that are included for all Nextel Digital Cellular subscribers, there are also several features available for an additional monthly or per-use fee. See the following sections for more information on these services. Contact Nextel Customer Care for additional information.

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

## Caller ID

If you subscribe to Caller ID, your phone automatically displays the phone number or name (if the 10-digit phone number is stored in your Phonebook) of the person calling (unless blocked by the caller), enabling you to decide whether to take the call or forward it to Voice Mail.

**NOTE:** Caller ID information is not available on all calls.

## Displaying the Caller's Name

A caller's name is displayed if you have entered the person's number into your Phonebook (see "Adding Phonebook Entries" on page 44). Otherwise, the caller's phone number is displayed.

## Maintaining Your Privacy with Per-Call and Per-Line Blocking

Nextel provides two methods to prevent those you call from seeing your number on their own Caller ID displays.

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

### *Per-Call Blocking*

You can block delivery of your phone number to other Caller ID units for a single phone call.

To set:

Press    before dialing the call.

### *Per-Line Blocking*

You can permanently block delivery of your phone number on every call you make. You must order this feature by contacting Nextel Customer Care.

To disable on a per-call basis:

Press    before the call.

## Alternate Line Service

As an Alternate Line customer, you will be given a separate phone number for each line. With alternate lines, you can separate business and personal calls, or designate one as a priority line.

Nextel Mobile Messaging and Nextel Online services use the Line 1 phone number. You only need to subscribe to Caller ID or Voice Mail once — these services will be available on both lines. Forwarding Line 2 to Line 1 will send Line 2 incoming calls directly to Voice Mail without ringing.

The following settings are independent for each phone line. When you enable one of these settings, it applies only to the active line:

- Call Forwarding
- Ring/Vibrate
- In Call Setup
- Call Timers
- Auto Answer

### Selecting the Alternate Line

From the idle screen:

<p>1 From the idle screen, press , then press  to scroll to <b>Settings</b>. Press  under SELECT.</p>	
<p>2 Press  to scroll to <b>Phone Setup</b>. Press  under SELECT.</p>	
<p>3 With the current line highlighted, press  under CHANGE.</p>	
<p>4 Press  to scroll to the desired line and press  under SELECT.</p>	

---

## Receiving Calls on Your Alternate Line

You can receive calls on either Line, regardless of the active Line setting. The active line icon (1 or 2) displays to indicate which Line the call is being received on.

## Call Restrictions

You can prevent your phone from making or receiving specific types of calls. Nextel currently offers three types of Call Restrictions:

- no long distance calls allowed
- no incoming calls
- no outgoing calls (except 911)

Contact Customer Care for more information.

## Nextel 411

Nextel 411 provides friendly services for on-the-go professionals. Simply dial     from your Nextel phone anywhere within the continental United States and Hawaii. Nextel 411 services include:

## White Page Listings

You can request a telephone number for any person, business, or government agency in the continental United States and Hawaii. Operators can also provide address information if available.

## Yellow Page Listings

You can request a telephone number for a business or you can ask the operator to perform a search by category if the specific business name is unknown. For example, you can request information for the nearest copy center to your hotel while on business travel.

## Nationwide Call Completion

Nextel 411 operators can connect you to any listing in the continental United States and Hawaii. If requested, the operator will stay on the line while connecting to the number.

## **Driving Directions**

Nextel 411 operators are able to provide directions to reach a specific destination. Operators will work with you to determine your starting point and provide clear directions to the destination.

## **Restaurant Reservations**

Nextel 411 operators can assist in finding a restaurant and then coordinate reservations. A Nextel 411 operator will confirm your reservation information through a return phone call. For your convenience, the reservation will be in your name.

**NOTE: Reservation service may not be available for all restaurants.**

## **Movie Listings and Show Times**

Nextel 411 operators have access to movie listings at most theaters in the continental United States and Hawaii. You only need to ask for a specific movie or movie theater to get current movies, locations, or show times. Additional information such as running time, synopsis, and ratings are also available. Show times and listings are available 24 to 48 hours in advance.

## **Local Event Information**

You can request information on local events such as sporting events, concerts, state and county fairs, and other current events. Nextel 411 operators can provide dates, times, and locations for these events.



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# Messaging Services

Your Nextel phone offers choices in Messaging Services — Voicemail and Nextel Mobile Messaging (Text and Numeric Messaging and Nextel Two-Way Messaging).

Nextel Mobile Messaging helps keep you in touch with co-workers and customers, regardless of where you travel on the Nextel National Network.

- Text and Numeric Messaging allows others to send you a message that is displayed directly on your Nextel phone.
- Two-Way Messaging, a Nextel Online service, provides immediate contact to the people important to you, even when you can't make or take a call. Two-Way Messaging allows you to send, receive, and respond to text messages quickly and discreetly, at the push of a button.

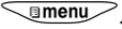
The main topics covered in this section are listed below:

Message Center	Page 79
Nextel Voice Mail Messages	Page 80
Text and Numeric Messaging	Page 80
Nextel Two-Way Messaging	Page 83

## Message Center

The Message Center enables you to access all messaging services through one screen.

To access the Message Center:

<b>1</b>	From the idle screen, press  under MESSG.  Or, From the idle screen, press  .
<b>2</b>	Press  to scroll to <b>Messages</b> .
<b>3</b>	Press  under SELECT.

The **Message Ctr** screen displays the number of messages you have in each message service — **Voice Mail** (Voice Mail), **Text Msgs** (Text and Numeric Messages), and **Net Alert** (Two-Way Messages and other Nextel Online mail).

To access any message service:

- 1 From the **Message Ctr** screen, press  to scroll to the message service you want to access.
- 2 Press  under the display option on the right. This option varies depending on the message service selected.

## Nextel Voice Mail Messages

See “Nextel Voice Mail” on page 85.

## Text and Numeric Messaging

With Nextel Text and Numeric Messaging, Nextel will:

- Allow text (alpha) messages up to 140 characters in length.
- Allow numeric messages up to 20 characters in length when a caller presses “1” during your Voice Mail greeting.
- Accept your messages even if you are unavailable, if your phone is turned off, or if you are busy on another call.
- Alert you of a new text or numeric message, even if you are on another call.
- Store a message if you are using Nextel Direct Connect and deliver it upon completion of the call.
- Store the message if you are outside of the coverage area and deliver it as soon as you are back in a coverage area.
- Attempt continuous delivery of messages until successful, for up to 7 days.
- Refer to text and numeric messages as Text Messages.
- Stamp the message with the time and date the message was left.
- Store up to 16 messages at a time, that will remain until you delete them.

**NOTE: “Mail Waiting, Memory Full” displays when 16 message registers are full. (Messages must be erased before you can receive others.)**

- Allow for “Auto Call Back” of a phone number that is included within a message, by pressing . If the message contains two phone numbers, Auto Call Back will dial the last number.
- Notification of New Messages.

### Notification of New Messages

When you receive a new message:

- **New Text Message** will display on the screen.



- Your phone will alert you every 30 seconds until you press  under READ or  under EXIT.

### Accessing New Messages

When you receive a message, you can view it immediately or later.

#### *Viewing a Message Immediately*

- |   |   |
|---|---|
| 1 | Press  under READ. The message displays.  |
| 2 | If the message fills more than one screen, use  to scroll through the rest of the message.   |
| 3 | Press  under SAVE to save the message.<br><br>Or,<br><br>Press  under DELETE to delete the message. |

## Viewing a Message Later

Press  under EXIT. The  icon will appear on the idle screen to remind you that you have a stored message.

## Viewing Stored Messages

- 1 In the **Message Ctr** screen, press  to scroll down to **Text Msgs**. The number of new messages and the total number of messages are displayed.
- 2 Press  under SELECT. The **Text Msg Inbox** screen appears.
- 3 Press  to scroll to the message you want to read and press  under READ.
- 4 If the message fills more than one screen, use  to scroll through the rest of the message.
- 5 Press  under SAVE to save the message.  
  
Or,  
  
Press  under DELETE to delete the message.

## Sending a Message

Nextel Text and Numeric Messaging includes four options for sending messages: Web Messaging on [nextel.com](http://nextel.com), Email Messaging, Numeric Messaging, and Operator Assisted Messaging.

### *Web Messaging on nextel.com*

Nextel's Web Messaging enables you to send a message to yourself, a single Nextel customer, or a group of Nextel customers. It also includes a "Schedule For Later" option, which allows you to schedule messages to be sent at a specific time and date. You can also check on the delivery status of your messages.

For more information or to send a Web message, go to [nextel.com](http://nextel.com) and enter the phone number in the **Send a Message** box and click GO; or select Mobile Messaging from the Service drop down menu.

[nextel.com](http://nextel.com)

### Email Messaging

From any email account, type the 10-digit phone number of a Nextel customer in the **To** field and add **@messaging.nextel.com** (for example, 7035551234@messaging.nextel.com). The entire message can be up to 140 characters. (For Two-Way subscribers, the message can be up to 500 character).

### Numeric Messaging

- The caller must press “1” during your Voice Mail greeting.
- Once the caller presses “1”, only a numeric message can be sent.

### Operator Assisted Messaging\*

- The caller can press “2” during your Voice Mail greeting. Or, call 1-800-NEXGRAM (1-800-639-4726). Outside of the U.S., call 1-858-279-8495.
- A text message can be sent immediately or scheduled for future delivery.
- The operator will send the message.

\* *The Operator Assisted Messaging feature is required. There is also an additional charge for this service. For more information, contact Customer Care or visit nextel.com.*

## Nextel Two-Way Messaging

Your *i35s* phone refers to Two-Way Messages as Net Alerts.

With Two-Way Messaging, you can:

- Send and receive messages (up to 500 characters in length) with pre-set replies and respond to them at the touch of a button.
- Exchange messages with almost anyone who has a messaging-capable phone from your Nextel phone.
- Respond to messages when you’re in a meeting or noisy location.
- Create and store your own frequently used responses that let you send informative answers without keying in text.
- Contact several Nextel customers at once from any email system or nextel.com.

To activate this service, call 1-800-NEXTEL6 or contact your Nextel sales representatives. For additional information on how to use this service, see “Two-Way Messaging” in the *Nextel Online User’s Guide* available on nextel.com.



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# Nextel Voice Mail

Nextel Voice Mail is a flexible, easy-to-use system that takes messages when you're not available — so you never miss an important call.

This section includes:

Setting Up Your Voice Mail Box	Page 85
Receiving Voice Mail Messages	Page 86
Using Voice Mail	Page 87
Advanced Voice Mail Features	Page 91
Nextel Voice Mail Tree	Page 100

This section covers the most commonly used Voice Mail features. Once you log into Voice Mail, there are a number of innovative features you can access. They are also covered in this section. After you access Voice Mail, an automated system tells you each menu option and which key to press to make a menu selection. See “Nextel Voice Mail Tree” on page 100.

## Setting Up Your Voice Mail Box

You must set up your Voice Mail box before you can listen to messages. The following steps will tell you how to setup your mailbox. Before getting started, see “Recording Your Active Greeting” on page 91 for information you may want to include in your greeting.

- 1 Using your Nextel phone, dial your 10-digit Nextel Personal Telephone Number (PTN). For example: 7035557777.

If you are calling from a phone other than your *i35s* phone, dial your 10-digit Nextel Personal Telephone Number (PTN). When you hear the greeting, press  to access your Voice Mail box. The system will prompt you to **Enter your password**. Enter the last seven digits of your Nextel Personal Telephone Number. For example: 5557777. This is your temporary password.

2 Follow the system instructions to:

- Create a new 4- to 7-digit password (see “Changing Your Password” on page 90).
- Record your name (see “Recording Your Name” on page 90).
- Record a greeting (see “Recording Your Active Greeting” on page 91).

3 When the system says **Enjoy using Nextel Voice Mail**, your mailbox is set up.

## Receiving Voice Mail Messages

Your phone is pre-programmed with default Call Forwarding settings to forward your calls to Voice Mail when you are not available. The default setting is Detailed with the If Busy, If No Answer, and If Unreachable fields set to your Voice Mail access number. If you have subscribed to the Voice Mail and have set up your Voice Mail box, but are not receiving your Voice Mail messages, see “Setting Call Forwarding to Voice Mail” on page 72.

### New Message Indicators

When you receive a new message:

- **New Voice Mail Message** will display on the screen.



- Your phone will alert you every 30 seconds until you press  $\odot$  under CALL or  $\odot$  under EXIT.

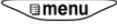
## Using Voice Mail

### Logging into Voice Mail

To log into Voice Mail, you must first access the Message Center on your phone.

1 From the idle screen, press  under MMSG.

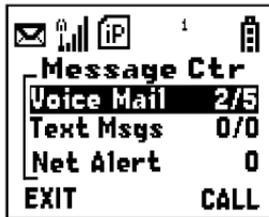
Or,

From the idle screen, press .

2 Press  to scroll to **Messages**.

3 Press  under SELECT.

The **Message Ctr** screen displays numbers of new and total Voice Mail messages.



From the **Message Ctr** screen, log into Voice Mail:

1 Press  to scroll to **Voice Mail**. The numbers of new and total Voice Mail messages display.

- 2 Press **CALL** to log into Nextel Voice Mail. **Calling** displays as you are connected to the network.

**NOTE: If you hear a message that says, "Enter the phone number of the subscriber you are trying to reach," enter your own 10-digit Nextel Personal Telephone Number. When the greeting plays, press **\*4** to receive a password prompt.**

- 3 When prompted, enter your password.

**NOTE: You must receive a message before you can access Voice Mail for the first time from your 35s phone. (Tip: You can leave yourself a message).**

## Main Voice Mail Menu

You are at the main Voice Mail menu when you hear the options listed below.

- To play your messages, press **1**. (This option plays only if you have new or saved messages.)
- To record a message, press **2**.
- To change your greeting, press **3**.
- To access your personal options press **4**.

If you press **\*4** while you are in a sub-menu, you will go to the previous menu. If you press **\*4\*4**, you will go to the main Voice Mail menu.

From the main Voice Mail menu, press **#** to exit Voice Mail. At any time, you may end the call by pressing **END**.

## Playing Messages

When you receive a new Voice Mail message, you can either listen to it immediately or later. Press **CALL** to listen now or press **EXIT** to listen later.

Options available while listening to your messages:

Replay previous six seconds.	Press 
Rewind to beginning of message.	Press  
Pause/continue the current message.	Press 
Fast forward 6 seconds.	Press 
Fast forward to end of message.	Press  
Play the date and time stamp.	Press  

Options available while a message is playing or after it has played:

Copy the message to another subscriber. (See “Recording, Copying and Replying to Messages” on page 94.)	Press 
Delete the message.	Press 
Reply to a message.	Press 
Save the message.	Press 
Skip to the next message.	Press 

## Saving and Deleting Messages

While a message is playing or after you have finished listening to it, you can save it or delete it. To save a message, press . To delete a message, press . To have messages automatically saved, see “Automatic Playback” on page 93.

Messages that are not saved or deleted remain in your mailbox as new messages. All messages are automatically deleted after 30 days.

## Recovering Deleted Messages

To retrieve deleted messages, press **\*4** **3 005**. This option only applies to the current Voice Mail session. If you end the call, the messages will be permanently deleted.

**IMPORTANT:** After exiting the Voice Mail session, you cannot recover deleted messages.

## Changing Your Password

To change your current password:

1	From the main Voice Mail menu, press <b>6m 4</b> to access Personal Options.
2	Press <b>6m 4</b> to access Personal Preferences.
3	Press <b>5.1</b> to modify password.
4	Enter your new password. This password must be all numbers. It must be 4 to 7 digits long.
5	Press <b>*4</b> <b>*4</b> to return to the main menu.

**NOTE:** If you forget your password, contact Customer Care.

**IMPORTANT:** For security purposes, it is recommended that you do not choose sequential or repeated digits like 1-2-3-4 or 5-5-5-5 for your password.

## Recording Your Name

When you send, reply to, or copy a message, your name response precedes the message. To record or re-record your name at any time:

1	From the main Voice Mail menu, press <b>6m 4</b> to access Personal Options.
2	Press <b>6m 4</b> to access Personal Preferences.
3	Press <b>3 005</b> to access the Record Your Name option.
4	Press <b>2 ARR</b> to record your name.
5	Press <b>*4</b> <b>*4</b> to return to the main menu.

### Recording Your Active Greeting

Through Nextel Voice Mail service, there are a number of ways in which people can reach you. You may want to include one or all of the following options in your greeting so that callers will know they are available.

- Press **(1)** to send a numeric message.
- Press **(2)** to send an operator assisted message. (This option is available only if you are a subscriber of Operator Assisted Messaging. Contact Nextel Customer Care for more information.)
- Press **(#)** to skip the greeting and record a message immediately.

To record or alter your greeting at any time:

1	From the main Voice Mail menu, press <b>(3)</b> to change your greeting.
2	Press <b>(1)</b> to play, press <b>(2)</b> to record or re-record, or press <b>(3)</b> to delete your active greeting.
3	Record your greeting and press <b>(#)</b> when you have finished.
4	Press <b>(*)</b> to return to the main menu.

## Advanced Voice Mail Features

### Multiple Greetings

Nextel Voice Mail service allows you to have up to five different greetings. You can designate which greeting will be your active greeting at any given time. For example, instead of your regular greeting, you may wish to activate a different greeting for days when you are out of the office or on vacation.

The greeting that was recorded during your initial Voice Mail box setup is Greeting 1. This is your default active greeting.

### Recording Additional Greetings

To record additional greetings:

1	From the main Voice Mail menu, press <b>(3)</b> to access the Greetings menu.
---	---

- |   |   |
|---|---|
| 2 | Press <b>(4)</b> to modify greetings.                             |
| 3 | Enter the greeting number you wish to create or modify.           |
| 4 | Press <b>(2)</b> to record a greeting.                            |
| 5 | Record your greeting and press <b>(#)</b> when you have finished. |
| 6 | Press <b>(*)</b> to return to the main menu.                      |

### Selecting Your Active Greeting

To select your active greeting:

- |   |   |
|---|---|
| 1 | From the main Voice Mail menu, press <b>(3)</b> to access the Greetings menu. |
| 2 | Press <b>(3)</b> to select another greeting to be active.                     |
| 3 | Enter the number of the greeting that you would like to be active.            |
| 4 | The system will confirm your active greeting number.                          |
| 5 | Press <b>(1)</b> to play your active greeting.                                |
| 6 | Press <b>(*)</b> to return to the main menu.                                  |

### Greetings Schedule

You can choose to have your greetings automatically activated based on a pre-determined time schedule. By activating the Greeting Schedule, Greetings 1, 2 and 3 will automatically play according to the time schedule listed below.

Greeting 1	Evenings and Weekends	5:00 pm -- 7:59 am, Monday -- Friday 24-hours, Saturday and Sunday
Greeting 2	Weekday Mornings	8:00 am -- 11:59 am Monday -- Friday
Greeting 3	Weekday Afternoons	Noon -- 4:59 pm Monday -- Friday

### Activating Your Greeting Schedule

To activate the greeting schedule:

- |   |  |
|---|--|
| 1 | From the main Voice Mail menu, press <b>3 NEXT</b> to access the Greetings menu. |
| 2 | Press <b>9 NEXT</b> to activate your greeting schedule.                          |
| 3 | Press <b>* 1 * 1</b> to return to the main menu.                                 |

### Automatic Playback

By default, the playback mode of your Voice Mail service is set to Normal. Nextel's Automatic Playback feature automatically plays and saves new messages when you log in. To activate Automatic Playback:

- |   |   |
|---|---|
| 1 | From the main Voice Mail menu, press <b>9 M 4</b> to access Personal Options. |
| 2 | Press <b>9 M 4</b> to access Personal Preferences.                            |
| 3 | Press <b>2 ABL</b> to access Playback Preferences.                            |
| 4 | Press <b>2 ABL</b> to switch between Automatic and Normal Playback.           |
| 5 | Press <b>* 1 * 1</b> to return to the main menu.                              |

### Changing the Playback Order of Messages

With Nextel Voice Mail service, you can select the order in which you want unheard messages to be played. You may listen to the last received message first, or you may listen to the first received message first. To select the order in which new messages should be played:

- |   |   |
|---|---|
| 1 | From the main Voice Mail menu, press <b>9 M 4</b> to access Personal Options. |
| 2 | Press <b>9 M 4</b> to access Personal Preferences.                            |
| 3 | Press <b>2 ABL</b> to access Playback Preferences.                            |

4 Press  to switch between the playback orders.

5 Press   to return to the main menu.

## Recording, Copying and Replying to Messages

These functions allow you to record and send, reply to, or copy a message to an assigned destination address or Group List number.

If you record a complete or partial message, but do not send it, Nextel Voice Mail service will refer to this message as an “in preparation” message. Before sending messages you may want to see “Creating Group Lists” on page 96.

To record and send a message:

1 From the main Voice Mail menu, press  to record a message.

2 Record your message and press  to end the message.

3 Press  at the prompt to indicate that you want to send the message or press  for Delivery Options.

4 Enter the mailbox number and/or group list number(s). (A mailbox number is the 10-digit Nextel Personal Telephone Number of a Nextel customer. The name of the recipient plays if it is recorded.)

5 Press  to send.

6 Press   to return to the main menu.

**NOTE: You can only send messages using this method to Nextel customers in your home market.**

### Delivery Options

After you have created a message, you can assign the message to a category before you send it. Below is a list of the options that can be applied to a message:

Urgent	Recipient will hear this message before other messages.
Private	Recipient cannot copy the message to another mailbox or phone number.
Notification of Non-Delivery	You will be notified if the recipient has not listened to your message by a certain date and time.
Future Delivery	You can specify a time and date (up to three months in advance) for the message to be delivered. (See “Time and Date Charts” on page 99.)
<b>Important: Once a message has been sent for future delivery, it cannot be retrieved or deleted.</b>	

To set a special delivery option:

<b>1</b>	After recording your message but before sending it, press <b>(5)</b> for Delivery Options.
<b>2</b>	Press the number that corresponds with the desired delivery option: <ul style="list-style-type: none"> <li>• Press <b>(1)</b> for Urgent.</li> <li>• Press <b>(2)</b> for Private.</li> <li>• Press <b>(3)</b> for Notification of Non-Delivery. At prompt, specify time and date.</li> <li>• Press <b>(4)</b> for Future Delivery of Messages. At prompt, specify time and date.</li> <li>• Press <b>(9)</b> to send the message immediately.</li> </ul>
<b>3</b>	The list of options will be presented again. Select an additional option or press <b>(9)</b> to send the message.
<b>4</b>	Enter the destination mailbox or Group List number of the recipient(s).
<b>5</b>	Press <b>(#)</b> to send.

6 Press **\* \* \*** to return to the main menu.

## Working With Group Lists

The Group List feature enables you to create a list and assign it a unique name. Then, you can add mailbox numbers, group lists or individuals — by name — to the list. Once you create a list you can send a voice message to everyone on the list by entering the group list number. You can have up to 40 group lists. Each list can hold up to 50 addresses.

### Creating Group Lists

To set up a Group List:

1 From the main Voice Mail menu, press **4** to access Personal Options.

2 Press **2** to access your Group Lists.

3 Press **2** to create a Group List.

4 Enter the one- or two-digit group list number and press **#**.

5 Record a name for the list and press **#**.

6 Select group members by mailbox number, Group List, or name.

7 Press **#** to save all entries added to the list.

8 Press **\* \* \*** to return to the main menu.

---

**Modifying a Group List**

1	From the main Voice Mail menu, press <b>PH 4</b> to access Personal Options.
2	Press <b>2 ABC</b> to access Group Lists.
3	Press <b>PH 4</b> to modify a Group List.
4	Enter the number of the Group List you want to modify.
5	Press <b>(.1)</b> to add a new recipient.
6	Press <b>#</b> to save your changes.
7	Press <b>* * *</b> to return to the main menu.

**Deleting a Group List**

1	From the main Voice Mail menu, press <b>PH 4</b> to access Personal Options.
2	Press <b>2 ABC</b> to access Group Lists.
3	Press <b>3 DEF</b> to delete a Group List.
4	Enter the number of the Group List you want to delete. The system will play the name of the Group List.
5	Press <b>#</b> to delete the list.
6	Press <b>* * *</b> to return to the main menu.

## Message Forwarding

This feature allows you to program your phone to automatically forward incoming messages to another Nextel customer's mailbox. There are three types of forwarding: Immediate, Silent and Delayed. They are described below:

- **Immediate Forwarding** - Caller is notified that the message will be forwarded.
- **Silent Forwarding** - Caller is not notified that the message will be forwarded.

1	From the main Voice Mail menu, press <b>OH 4</b> to access Personal Options.
2	Press <b>5</b> to modify Forwarding Options.
3	Select the applicable option below: <ul style="list-style-type: none"><li>• To create a forwarding number, press <b>2</b>.</li><li>• If you have already created a forwarding number, press <b>2</b> to modify the number.</li><li>• To enable or disable Message Forwarding, press <b>3</b>.</li><li>• To change the forwarding type, press <b>OH 4</b>.<ul style="list-style-type: none"><li>• Press <b>1</b> for Immediate Forwarding</li><li>• Press <b>2</b> for Silent Forwarding</li></ul></li></ul>
4	Press <b>* * *</b> to return to the main menu.

**NOTE: You can only forward messages to Nextel customers in your home market coverage area.**

### Time and Date Charts

Time and Date Charts can be referenced for specific tasks throughout Nextel Voice Mail service.

#### *24-hour Clock*

Nextel Voice Mail service uses a 24-hour clock:

**NOTE: To compute the 24-hour clock for pm, add 1200.**

Below is a list of hours translated into 24-hour time:

12-hour Clock	12:00 am	4:00 am	8:00 am	12:00 pm	4:00 pm	10:00 pm
24-hour Clock	0000	0400	0800	1200	1600	2200

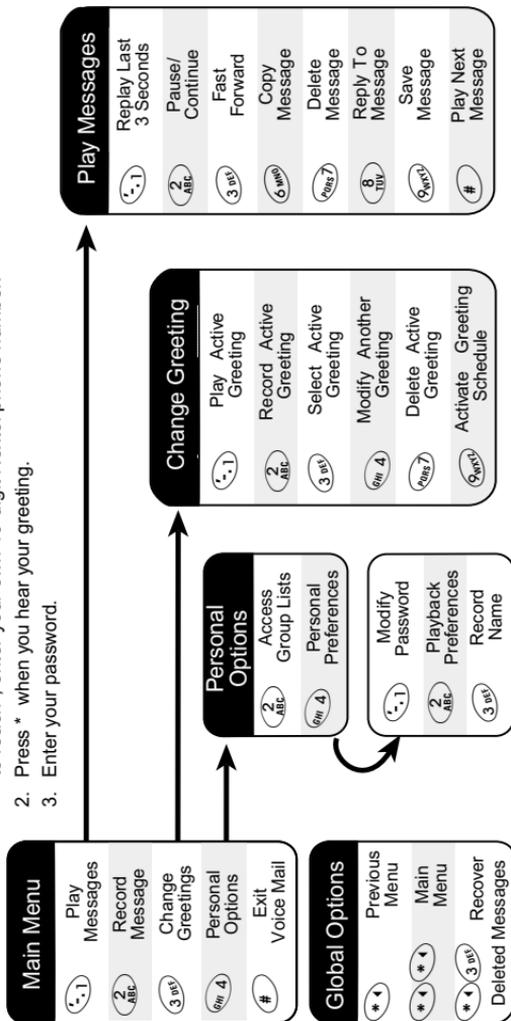
#### *Dates*

All dates must have 4 digits in the MM/DD format (2 digits for the month and 2 digits for the day). January is 01, February is 02, etc. The first day of the month is 01, the second day of the month is 02, etc. For days of the week, Sunday is 1, Monday is 2, etc.

## Nextel Voice Mail Tree

To access Voice Mail:

- From your own Nextel phone, follow the instructions in the Users' Guide that came with your phone.
- From any other phone:
  1. Dial your own 10-digit Nextel phone number.
  - If you hear "Please enter the number of the subscriber you are trying to reach", enter your own 10-digit Nextel phone number.
  2. Press \* when you hear your greeting.
  3. Enter your password.



## Nextel Direct Connect®

Nextel Direct Connect is a long-range walkie-talkie feature that allows you to communicate with your co-workers and clients for a fraction of the cost of traditional cellular calls.

With Nextel Direct Connect, you can use the Private Call feature to contact an individual. You can use the Group Call feature to contact a group of people designated as a Talkgroup.

**NOTE: Nextel Direct Connect® is only available in your home calling area.**

This section includes everything you need to take advantage of Nextel Direct Connect (digital long-range, walkie-talkie) service:

Private Call	Page 102
Call Alerts	Page 104
Group Call	Page 108

## Private Call

There are several ways to reach an individual using Nextel Direct Connect.

- Enter the person's Private ID from the keypad.
- Select the person's Private ID from your Phonebook.
- Select the person's Private ID from your Recent Calls list.
- Call a Private ID, if it is your most recent call.

Whether you dial the person's Private ID directly or use a number stored in your Phonebook or Recent Calls list, you must have the individual's Private ID to use Nextel Direct Connect. To learn how to store names and numbers, see "Phonebook" on page 39.

**USER TIP:** To find out your own Private ID, see "My Information" on page 26.

**NOTE:** When dialing or storing a Private ID, the asterisks must be entered as part of the Private ID in order to make a Nextel Direct Connect Private Call.

### Making a Private Call from the Keypad

- |   |  |
|---|--|
| 1 | Enter the Private ID of the person you are trying to call. Be sure to enter <b>Area ID * Network ID * Member ID</b> .        |
| 2 | Press and hold the Push-To-Talk (PTT) button on the side of the phone. Begin talking after the phone emits a chirping sound. |
| 3 | Release the PTT button to listen.  |

### Making a Private Call from the Phonebook

If you have stored a person's Private ID in your Phonebook (see "Adding Phonebook Entries" on page 44), you can use your Phonebook to make a Private Call to that person:

- |   |   |
|---|---|
| 1 | From the idle screen, press  or press  .                            |
| 2 | Press  to scroll to <b>Phonebook</b> . Press  under <b>SELECT</b> . |

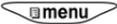
- From the **Phonebook** screen, press  to scroll through the names until the desired name is highlighted. (If the Private icon  appears to the right of the number, the number is the Private ID).

If more than one number is stored for an entry, press  until  displays.

- Press and hold the PTT button on the side of the phone. Begin talking after the phone emits a chirping sound.

- Release the PTT button to listen.

## Making a Private Call from the Recent Calls List

- From the idle screen, press .

- Press  to scroll to **Recent Calls**. Press  under SELECT.

- From the **Recent Calls** screen, press  to scroll through the names and numbers to the desired name or Private ID. If more than one number is stored for an entry, press  until  displays.

- Press and hold the PTT button on the side of the phone. Begin talking after the phone emits a chirping sound.

- Release the PTT button to listen.

For more information on Recent Calls, see “Recent Calls” on page 61.

## Receiving a Private Call

When you receive a Private Call, your phone emits a chirping sound. **Private in Use** and the Private ID or the name of the caller (if stored in your Phonebook) display on the screen.

To respond to a Private Call:

1	Wait for the caller to finish speaking.
2	Press and hold the PTT button. Begin talking after the phone emits a chirping sound.
3	Release the PTT button to listen.

## Storing Private IDs

For information on how to store Private IDs to your Phonebook, see “Adding Phonebook Entries” on page 44.

For information on how to quickly store Private IDs, see “Storing Numbers and Private IDs Quickly” on page 47.

## Call Alerts

You can send a Call Alert, which lets recipients know that you would like to talk with them. When you send an alert, the recipient will receive a series of beeps and your name or Private ID will appear on the display.

## Placing a Call Alert from the Keypad

1	Enter the Private ID of the person you want to call. Be sure to enter <b>Area ID * Network ID * Member ID</b> .
2	Press  under ALERT. The <b>Ready to Alert</b> screen displays.
3	Press and hold the PTT button until <b>Alert Successful</b> displays. The recipient's phone sounds the alert intermittently until the user of the phone answers, queues, or clears the alert.

## Placing a Call Alert from the Phonebook

1	From the idle screen, press  or press  .
2	Press  to scroll to <b>Phonebook</b> . Press  under SELECT.
3	From the <b>Phonebook</b> screen, press  to scroll to the Phonebook entry for the person you want to alert. If more than one number is stored for an entry, press  until  displays.
4	<p>Press  under ALERT. The <b>Ready to Alert</b> screen appears.</p> 
5	Press and hold the PTT button until <b>Alert Successful</b> displays. The recipient's phone sounds the alert intermittently until the user of the phone answers, queues, or clears the alert.

### Ready to Alert Screen

**Ready to Alert** is used to confirm your request for the alert and to prompt you to push the PTT button:

- If you press the PTT button, the Call Alert is sent, and the phone displays the **Recent Calls** screen.
- For Call Alerts placed from the keypad, pressing  under CANCEL causes the phone to return to the dialing screen with the previously entered number displayed.
- For Call Alerts placed from the Phonebook, pressing  under CANCEL causes the phone to return to the **Phonebook** screen.
- If you do nothing, the phone will revert to the idle screen.

## Receiving Call Alerts

When you receive a Call Alert, your phone emits a chirp and displays the name or Private ID of the caller. You can answer, queue, or clear the Call Alert:

- To answer the Call Alert, press the PTT button and begin talking after the phone emits a chirping sound.
- To queue the Call Alert, press  under QUEUE.
- To clear the Call Alert, press  under CLEAR.

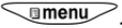
**NOTE:** Until you answer, queue or clear the Call Alert, you will not receive any additional phone, Private or Group Calls.

**USER TIP:** You can turn down the Call Alert chirp volume by pressing the volume buttons on the side of phone.

## Call Alert Queue

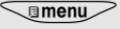
Call Alert queuing enables you to save up to eight Call Alerts in a list, or queue. To store a Call Alert in the Call Alert Queue, press  under QUEUE when you receive an incoming Call Alert.

### *Accessing the Call Alert Queue*

- |   |  |
|---|--|
| 1 | From the idle screen, press  .                                    |
| 2 | Press  to scroll to <b>Call Alert</b> .                           |
| 3 | Press  under SELECT. The <b>Call Alert Queue</b> screen displays. |

### *Viewing Call Alert Date and Time*

To find out the date and time a Call Alert was received:

- |   |   |
|---|---|
| 1 | From the <b>Call Alert Queue</b> screen, press  to scroll to the desired Call Alert. |
| 2 | Press  to access the <b>Call Alert Menu</b> .  |

3 Press  to scroll to **View**.

4 Press  under SELECT.

### Sorting Call Alerts

To sort your Call Alerts by the order they were received:

1 From the **Call Alert Queue** screen, press  to access the **Call Alert Menu**.

2 Press  to scroll to **Sort By**.

3 Press  under SELECT.

4 Press  to scroll to **First on Top** or **Last on Top**.

5 Press  under SELECT.

### Responding to a Call Alert From the Queue

1 From the **Call Alert Queue** screen, press  to scroll to the Call Alert you want to respond to. You can respond by sending a Call Alert or placing a Private Call.

2 To send a Call Alert, press  under ALERT and then press the PTT button.

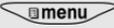
Or,

To place a Private Call, press the PTT button.

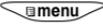
The Call Alert will be removed from the queue.

## Deleting a Call Alert From the Queue

To delete a Call Alert from the queue:

1	From the <b>Call Alert Queue</b> screen, press  to scroll to the entry you want to delete.
2	Press  to access the <b>Call Alert Menu</b> .
3	Press  to scroll to <b>Delete</b> .
4	Press  under <b>SELECT</b> .
5	When the confirmation screen appears, press  under <b>YES</b> to delete the entry.

To delete all Call Alerts from the queue:

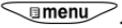
1	From the <b>Call Alert Queue</b> screen, press  to access the <b>Call Alert Menu</b> .
2	Press  to scroll to <b>Delete All</b> .
3	Press  under <b>SELECT</b> .
4	When the confirmation screen appears, press  under <b>YES</b> to delete all Call Alerts.

## Group Call

In a Group Call, you can communicate instantly with a group of people that you have previously set up as a Talkgroup. Group Calls go out to all members of the Talkgroup at the same time.

Your Nextel sales representative or Nextel Customer Care must set up your Talkgroups by providing you with a Talkgroup number for each Talkgroup. After you have the number, you can assign each Talkgroup number a name and store it in your phone (see “Storing a Talkgroup” on page 109). Your phone can store up to 30 Talkgroups. You can only make calls to Talkgroups for which you have been provisioned.

## Storing a Talkgroup

1	From the idle screen, press  .
2	Press  to scroll to <b>Phonebook</b> .
3	Press  under SELECT.
4	Press  to scroll to <b>[New Entry]</b> .
5	Press  under SELECT. The <b>Entry Details</b> screen displays.
6	Enter the information as you would any other Phonebook entry. (See “Adding Phonebook Entries” on page 44.) When you get to <b>Type</b> , make sure that you select <b>Talkgroup</b> .
7	Enter the Talkgroup number. For example: 127.
8	When you have completed the <b>Entry Details</b> , press  under DONE.

## Making a Group Call from the Keypad

1	Press  and then enter the Talkgroup number of the group that you want to call.
2	Press and hold the PTT button on the side of the phone, wait for the chirp, and speak. The phones of individuals in the Talkgroup will emit a chirping sound to alert them that someone is calling.
3	Release the PTT button to listen.

## Making a Group Call from the Phonebook

- 1 From the **Phonebook** screen, press  to scroll to the name of the Talkgroup you want to call.
- 2 Press and hold the PTT button on the side of the phone, wait for the chirp, and speak. The phones of the people in the Talkgroup will emit a chirping sound to alert them that someone is calling.
- 3 Release the PTT button to listen.

## Making a Group Call from the Recent Calls List

- 1 From the **Recent Calls** screen, press  to scroll to the name of the Talkgroup you want to call.
- 2 Press and hold the PTT button on the side of the phone, wait for the chirp, and speak. The phones of individuals in the Talkgroup will emit a chirping sound to alert them that someone is calling.
- 3 Release the PTT button to listen.

## Receiving a Group Call

When you receive an incoming Group Call, your phone emits a chirp. The Talkgroup name or number displays on the screen.

To respond to a Group Call:

- 1 Wait for the caller to finish speaking.
- 2 Press and hold the PTT button. Begin talking after the phone emits a chirping sound. Release the PTT button to listen.

## Joining a Group Call

Although you may be provisioned in more than one Talkgroup, you can only participate in one Group Call at a time. When you join a new Group Call, you no longer belong to your previous Group Call.

To join an ongoing Group Call:

1 Using the keypad, press  and then enter the Talkgroup number.

Or,

From the **Phonebook** screen, press  to scroll to the name of the Talkgroup you want to join.

Or,

If the Talkgroup you want to join is on your Recent Call list, go to the **Recent Calls** screen and press  to scroll to the name of the Talkgroup you want to join.

2 Press  under JOIN.

## Group-Silent Programming

Group-Silent programming enables you to silence incoming Group Calls and communication.

### *Turning Group-Silent On or Off*

1 From the idle screen, press .

2 Press  to scroll to **Settings**. Press  under SELECT.

3 Press  to scroll to **Tkgrp Settings**. Press  under SELECT.

4 With the **Silent** field highlighted, press  under CHANGE.

5 Press  to scroll to **On** or **Off**.

6 Press  under SELECT.

---

# Memo

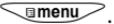
The Memo application provides you with a place to store a numeric note (for example, a phone number) in your *i35s* phone that you can call at a later time.

This section includes:

Adding a New Memo	Page 113
Viewing a Memo	Page 113
Editing a Memo	Page 114
Deleting a Memo	Page 114

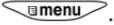
## Adding a New Memo

You can add a memo from the idle screen or while on an active call.

1	Press  .
2	Press  to scroll to <b>Memo</b> .
3	Press  under SELECT. The <b>Memo</b> screen displays.
4	Type your numeric memo using the phone's keypad.
5	Press  under STORE.

**NOTE:** Only one memo can be stored.

## Viewing a Memo

1	From the idle screen, press  .
2	Press  to scroll to <b>Memo</b> .

3 Press  under SELECT.

4 To call this number, press .

## Editing a Memo

1 From the idle screen, press .

2 Press  to scroll to **Memo**.

3 Press  under SELECT.

4 Type the new number.

You can delete a digit by pressing  under DELETE. To delete all the digits, press and hold  under DELETE.

5 Press  under STORE.

## Deleting a Memo

1 From the idle screen, press .

2 Press  to scroll to **Memo**.

3 Press  under SELECT.

4 Press and hold  under DELETE.

5 Press  under STORE.

---

# Nextel Online<sup>®</sup>

You can use your phone's Net feature to access a suite of wireless data products known as Nextel Online (NOL) services. You can use your Nextel Internet-ready phone to send and receive email or two-way messages, access your Address Book, obtain driving directions, check weather and news updates, shop, view the latest stock quotes, conduct financial transactions, and more. Access the specific information you need to get business done... easily... wirelessly!

For more information, see the *Nextel Online User's Guide* available on nextel.com.

Nextel Online\* services require the activation of a Nextel Online service plan. To order, call 1-800-NEXTEL6 or contact your Nextel sales representative.

\* *Nextel Online is only available in the continental United States.*

This section includes:

Nextel Online Navigation Keys	Page 115
Starting the Microbrowser	Page 116
Using Your Phone as a Modem	Page 117

## Nextel Online Navigation Keys

You can navigate the phone's microbrowser by using the following keys:

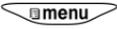
**Home:** Press  to return to your home page.

**Back:** Press  to return to a previous screen.

**Scroll:** Arrows on the left of your phone's display screen (  ) indicate that additional text can be viewed. Press  to scroll one line at a time, or press and hold to scroll one page at a time. Repeat to scroll further.

## Starting the Microbrowser

Just as you use Netscape Navigator® or Microsoft® Internet Explorer to browse the Web from your desktop, the microbrowser contained in your phone allows you to explore and use a variety of Internet services. To begin using NOL:

1 From the idle screen, press  to access the **Main Menu**.

2 Press  to scroll to **Net**.

3 Press  under **SELECT**.

4 Your NOL home page displays.

**NOTE:** The first time you access Net, you will be asked to enable security to ensure your information remains private and secure. Press  under Yes. The phone will display: Generating..., Computing..., Sending)))))).

You may be asked to (re)enable security as Nextel adds new services or upon your return to the U.S. after traveling.

When transmitting highly personal or sensitive data, such as a credit card number, you will see the Secure Data icon . This icon indicates that the data is encrypted during transmission.

- 5 Scroll to highlight the service you wish to access and press  under OK, or press the number shown to the left of your desired selection to automatically jump to that service. Press  to return to the previous screen.

To return to the home page from anywhere within the various menus and sub-menus, press .

**NOTE: Home pages will vary depending on the Nextel Online service plan to which you have subscribed.**

- 6 To exit the browser, press  until the idle screen displays.

Or,

Press and hold . The **Browser Menu** screen displays with **Exit Browser** highlighted. Press  under OK. When you re-enter **Net**, you will enter on the page from which you exited.

## Using Your Phone as a Modem

You can use your *i35s* phone as a wireless modem! You can connect your IBM™-compatible computer\* or Personal Digital Assistant\* (PDA) to your *i35s* phone and access your company's network using Nextel Online Dial-Up Service or access the Internet or POP3 email with Packetstream Gold — all without the hassle of locating a telephone jack for a landline connection.

\* Visit [nextel.com](http://nextel.com) for compatible operating systems, device, and cables.

To activate Nextel Online Dial-Up Service or Packetstream Gold, call 1-800-NEXTEL6 or contact your Nextel sales representative.

**NOTE: Nextel Online Dial-Up Service is only available in the continental United States, Hawaii, and iTraveler countries.**



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# Customizing the i35s Phone

You can customize your i35s phone to fit the way you want to use it.

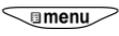
**NOTE:** There are instances where truncation of words occur in some of the menu items on the i35s phone that do not allow you to fully view the current menu selection. You can press  in order to see the next letter on the screen if possible or press  under **CHANGE** to see the field in more detail.



## Settings

The phone's Settings menu enables you to control many of the phone's features and functions, including display properties, message handling, and security features.

To access the Settings menu:

1	From the idle screen, press  .
2	Press  to scroll to <b>Settings</b> .
3	Press  under <b>SELECT</b> .

From the **Settings** screen, you can access these Settings options:

- **Ring/Vibe** — controls how your phone rings or vibrates when you receive calls and messages
- **Phone Setup** — sets call-answering features, chooses which phone line is used, and sets your network ID
- **In Call Setup** — sets call timer, message notification, and call waiting features
- **Security** — sets security features including phone lock, keypad lock, and SIM PIN
- **Initial Setup** — sets a variety of display features including the language displayed, the screen contrast, time and date formats, current year, backlight, status light, and scrolling; also turns auto redial on or off and sets baud rate

- **Voice Volume** — sets the volume of your phone's earpiece and speaker
- **Tkgrp Settings** — sets certain Talkgroup options
- **Service Status** — shows the status of your phone's services

To access any of these options:

- |   |  |
|---|--|
| 1 | From the <b>Settings</b> screen, press  to scroll to the option you want to access. |
| 2 | Press  under SELECT.  |

Many of these options have other options within them. Press  to scroll through the lists of options, and press  to select and modify options and the features, according to the instructions on your phone's screen. For some options, you can also press  to select sub-options.

In screens that show lists of options for a setting, a check mark to the left of the option indicates the current option for the setting.

## Ring/Vibe

**Ring/Vibe** enables you to control how your phone rings when you receive calls and messages. You can set a ring volume, choose ring styles, and use the VibraCall<sup>®</sup> Alert feature which enables you to set your phone to alert you to calls and messages by vibrating.

### Main Options

**Ring/Vibe** provides these main options:

- **Ringer Vol** — sets ring volume
- **Keypad Vol** — sets volume of sounds associated with keypad actions
- **Mail Vol** — sets volume of Text Message, Voice Mail, and Net Alert notifications
- **Data Vol** — sets data volume
- **Headset** — choosing the **HdsetOnly** option prevents sound from being emitted from the phone's speaker when the headset is being used
- **VibeAll** — choosing On sets the phone to vibrate for all calls, messages, and alerts; choosing Off enables you set the type of notification for each of these features.
- **Line 1** — sets the ring style and type of notification for calls on Line 1

- **Line 2** — sets the ring style and type of notification for calls on Line 2
- **Pvt/Grp** — sets type of notification for Private and Group Calls
- **Call Alert** — sets the ring style and type of notification for Call Alerts
- **Text Msgs** — sets type of notification for Text Messages
- **Voice Mail** — sets type of notification for Voice Mail messages
- **Net Alert** — sets type of notification for Net Alert messages

### *Ring Style and Notification Type*

When you set **VibeAll** to **On**, your phone notifies you of all types of calls, messages, and alerts on your phone's screen.

When you set **VibeAll** to **Off**, the following features display after **VibeAll** on the **Ring/Vibrate** screen, enabling you to set notification options for each:

- **Line 1** — sets the ring style and type of notification for calls on Line 1
- **Line 2** — sets the ring style and type of notification for calls on Line 2
- **Pvt/Grp** — sets type of notification for private and group calls
- **Call Alert** — sets the ring style and type of notification for call alerts
- **Text Msgs** — sets type of notification for Text Messages
- **Voice Mail** — sets type of notification for Voice Mail messages
- **Net Alert** — sets type of notification for Net Alert messages

To set **Vibeall** to **Off** or **On**:

1	From the <b>Ring/Vibrate</b> screen, press  to scroll to the <b>VibeAll</b> .
2	Press  under CHANGE.
3	Press  to scroll to <b>Off</b> or <b>On</b> .
4	Press  under SELECT.

## Ring Styles

When you set a ring style, you can choose from any of nine pre-set ring styles.

To set a ring style:

1	From the <b>Ring/Vibrate</b> screen, press  to scroll to any of the features that allow you to set a ringer style: <b>Line 1</b> , <b>Line 2</b> , or <b>Call Alert</b> .
2	Press  under SELECT.
3	With the <b>Style</b> field highlighted, press  under CHANGE.
4	Press  to scroll to the ring style you want to assign to the feature.
5	To assign the ring style, press  under SELECT.

**TIP: To hear the ring style you have selected, press the volume control buttons on the side of your phone.**

## Notification Types

When you set a notification type, you have these options:

- **Ring** — the phone rings to notify you.
- **Vibrate** — the phone vibrates to notify you.
- **Silent** — the phone does not ring to notify you.
- **Vibe/Ring** — the phone vibrates and then rings to notify you. This option is only available for calls on Line 1 and Line 2.

To set a notification type:

1	From the <b>Ring/Vibrate</b> screen, ensure that <b>VibeAll</b> is set to <b>Off</b> . Then press  to scroll to any of the features on the <b>Ring/Vibrate</b> screen after <b>VibeAll</b> .
2	Press  under SELECT.
3	With the <b>Type</b> field highlighted, press  under CHANGE.

- 4 Press  to scroll to the notification type you want to assign to the feature.
- 5 To assign the notification type, press  under SELECT.

## Phone Setup

Phone Setup sets some basic phone features. Access Phone Setup to set the following options:

- **Line** — enables you to choose Line 1 or Line 2 as the active line for outgoing calls
- **AutoAns** — sets your phone to automatically answer an incoming call after a specified number of rings; when this feature is turned on, the phone answers by connecting you to the caller; it does not send the call to Voice Mail, unless you are out of coverage or on another call
- **Any Key** — when turned on, enables you to answer calls by pressing any key on the alphanumeric keypad
- **Network ID** — sets the phone's network IDs. Use only under the direction of a Nextel Customer Care Representative

## In Call Setup

In Call Setup sets the in-call timer, message notification, and call waiting features.

- The **In Call Timer** option turns the following features on and off:
  - **Display** — the duration of each call displays on the phone's screen
  - **Minute Beep** — an audible beep occurs every minute of an active call at the 50 second mark
- The **Notifications** option controls message notification during calls:
  - **Receive All** — notifies you of all types of messages during calls
  - **Msg Mail Only** — notifies you of mail messages only; all other types of message notifications are delayed until the call has ended
  - **Delay All** — delays notification of all messages until the call has ended
- **Call Waiting** — enables you to turn off call waiting for the next call. After you end the call, call waiting is turned back on

## Security

Security allows you to set security features:

- **Phone Lock** — sets an optional code that locks your phone
- **Keypad Lock** — displays instructions for locking and unlocking your phone's keypad
- **SIM PIN** — enables and disables your phone's SIM PIN security feature
- **New Passwords** — enables you to change your phone's unlock code, security code, and SIM PIN
- **Master Reset** — allows Nextel Customer Care to reset your service in the event of a provisioning problem

### *Using Phone Lock*

The Phone Lock feature enables you to prevent your phone from being used unless an Unlock code is typed into the keypad.

The Unlock code is required to enable the phone lock feature, to unlock the phone, and to set a new Unlock code. Your default Unlock code is 0000.

Phone lock provides two options for locking the phone:

- **Lock Now** locks the phone immediately after you set the option.
- **Auto Lock** locks the phone the next time the phone is powered on.

### *Setting Keypad Lock*

The i35s Phone includes a keypad lock feature that enables you to lock the phone's keypad to avoid inadvertently pressing or placing calls. See "Keypad Lock" on page 22 for more information.

### *Enabling and Disabling SIM PIN*

The SIM PIN security feature option enables and disables the feature that requires a SIM PIN code to be typed into the phone to access the information on the SIM card and to make or receive calls. See "SIM Card Personal Identification Number (PIN)" on page 14 for more information.

### *Setting New Passwords*

The New Passwords option enables you to set three types of passwords that control access to your phone:

- 
- **Unlock Code** — this code is used to control access to the phone using Phone Lock; to access the Master Clear and Feature Reset features. If you want to use any of these features, contact Nextel Customer Care for assistance.
  - **Security Code** — this code is used to access the Master Reset feature under the direction of a Nextel Customer Care Representative; or to override your Unlock code under the direction of a Nextel Customer Care Representative.
  - **SIM PIN** — this code is used to access the information on your SIM card and to make or receive calls. When you get your phone, your default SIM PIN is 0000. You should change this to a SIM PIN known only to you as soon as you get your phone. For information on changing your SIM PIN, see “Changing the PIN” on page 16.

### *Using Master Reset*

The Master Reset option is provided for use only under the direction of a Nextel Customer Care Representative. It resets your service.

### **Initial Setup**

Initial Setup enables you to control a variety of your phone’s features that you may want to modify when you first get your phone:

- **Time/Date Format** — sets the format in which the time and date display on your phone
- **Year** — sets the current year
- **Auto Redial** — turns the automatic redial feature on and off
- **Backlight** — controls how long your phone’s backlight stays on
- **Sensor** - controls the photo sensor to activate the backlight when your phone is in poor lighting conditions
- **Status Light** — controls whether the status light is on when the phone is on
- **Contrast** — sets the display contrast lighter or darker
- **Scroll** — sets how you can scroll lists and menus
- **Language** — sets the language that your phone displays
- **Master Clear** — returns all settings to their original defaults and erases all stored lists; use only under the direction of a Nextel Customer Care Representative

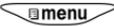
- **Feature Reset** — returns all settings to their original defaults; use only under the direction of a Nextel Customer Care Representative
- **Baud Rate** — sets the baud rate at which your phone communicates when connected to a laptop computer, PC, or similar device
- **TTY Setup** — sets TTY options. By default, your phone is set to function with a TTY device
- **TTY Baud Rate** — sets the baud rate at which your phone communicates when connected to a TTY device
- **Alert Timeout** — controls the amount of time the Call Alert tone sounds
- **Return to Home** — controls how long the **Recent Calls** screen displays before returning to the idle screen

### *Changing Time and Date Format*

Your phone displays times in 12-hour-clock format (12:00 am through 11:59 pm) or 24-hour clock format (0:00 through 23:59). It displays dates in month/day format or day/month format.

**NOTE: If you turn the time and date display off, no times are associated with calls on your Recent Calls list.**

To set the time and date format, or turn time and date display on or off:

- |   |   |
|---|---|
| 1 | Press  , then scroll to <b>Settings</b> . Press  under SELECT. Press  to scroll to <b>Initial Setup</b> .  |
| 2 | From the <b>Initial Setup</b> screen with <b>Time/Date Format</b> highlighted, press  under SELECT to access the <b>Time/Date Format</b> screen.   |
| 3 | To change the time format:<br><br>With <b>Time Format</b> highlighted, press  under CHANGE to access the <b>Time Format</b> screen.<br><br>Press  to highlight the time format you want.<br><br>Press  under SELECT. |

**4** To change the date format:

Press  to highlight **Date Format**, and press  under CHANGE to access the **Date Format** screen.

Press  to highlight the date format you want.

Press  under SELECT.

**5** To turn the time and date format on or off:

Press  to highlight **Display**, and press  under CHANGE to access the **Display** screen.

Press  to choose **Off** or **On**.

Press  under SELECT.

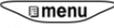
### Setting Auto Redial

When Auto Redial is set to **On**, if you receive a **System Busy, Try Later** message while making a call, the phone will redial the number automatically. You will hear a ring-back tone when a successful call is placed.

When Auto Redial is set to **Off**, you must press and hold  to redial the last number dialed.

### Setting Backlight Timer

The backlight illuminates the display and keypad when you receive or make calls or use the phone in poor lighting conditions. You can set the amount of time that the backlight stays on to 5, 10, 20, or 30 seconds, or set it to stay on continuously or stay off at all times.

**1** Press , then scroll to **Settings**. Press  under SELECT.  
Press  to scroll to **Initial Setup**.

**2** From the **Initial Setup** screen, press  to scroll to **Backlight**.

**3** Press  under CHANGE.

4 Press  to scroll to the desired backlight option.

5 Press  under SELECT.

**NOTE: Setting the backlight to stay on continuously will decrease the amount of time you can use the phone before recharging the battery.**

### *Setting Photo Sensor*

To conserve battery power, the photosensor will disable the backlight when you are in good lighting conditions. To force the backlight to come on every time a key is pressed, turn the photosensor off.

**NOTE: Turning the Photosensor to OFF will force the backlight to come on every time a key is pressed and will drain your battery power.**

1 From the **Initial Setup** screen, press  to scroll to **Sensor**.

2 Press  under CHANGE.

3 Press  to scroll to the desired option.

4 Press  under SELECT.

### *Adjusting Status Light*

The status light is located on the top of the phone. It illuminates when the phone is on. See “Status of Your i35s Phone” on page 25. You can turn the status light feature on or off from the **Initial Setup** screen.

### *Setting Contrast*

You can set the contrast of your phone’s display to be lighter or darker. Use  to increase or decrease the contrast.

### *Setting Scrolling*

You can set your phone to scroll through menus and lists in either of two ways:

- **Up/Down** — when you reach the bottom or top of a list or menu, scrolling stops until you scroll in the other direction

- **Wrap Around** — when you reach the bottom or top of a list or menu scrolling “wraps” around and continues at the other end of the list or menu; this is the default setting

You can set the scrolling style from the **Initial Setup** screen using the **Scroll** option.

### *Changing Display Language*

You can customize the *i35s* Phone to display menus in English, French, Spanish, or Portuguese. The default language is English.

To change the display language:

1	From the <b>Initial Setup</b> screen, press  to scroll to <b>Language</b> .
2	Press  under CHANGE.
3	Press  to scroll to the language you want your phone to display.
4	Press  under SELECT.

### *Master Clear*

Master Clear returns all your phone’s settings to their original factory defaults and erases all stored lists. Use only under the direction of a Nextel Customer Care Representative.

### *Feature Reset*

Feature Reset returns all your phone’s settings to their original defaults. Use only under the direction of a Nextel Customer Care Representative.

### *Setting Baud Rate*

You can set your phone’s baud rate from the **Initial Setup** screen. Scroll to the **Baud Rate** option and then choose the baud rate you want, or choose **Auto** to set your phone to automatically choose the appropriate baud rate.

### *Setting TTY Mode*

**TTY Setup** enables you to set your options for using your phone with a teletypewriter (TTY) device. By default, your phone is set to function with a TTY device in TTY mode.

Your phone supports the following TTY modes:

- **TTY** — for calls in which you type and read text on your TTY device
- **VCO** (Voice-Carry-Over) — for calls in which you speak into your phone and read text replies on your TTY device
- **HCO** (Hearing-Carry-Over) — for calls in which you type text on your TTY device on listen to voice replies on your phone's speaker

You can set your TTY mode using your phone's **Settings** menu at any time, or by issuing commands from your TTY device while on an active call

To set your phone's TTY mode using your phone's **Settings** menu:

1	From the <b>Initial Setup</b> screen, press  to scroll to <b>TTY Setup</b> .
2	Press  under CHANGE.
3	Press  to scroll to the desired TTY mode; <b>Off, TTY, VCO, or HCO</b> .
4	Press  under SELECT.

To set your phone's TTY mode from your TTY device, issue one of the following commands while on an active call:

- "VCO please" — to select VCO mode
- "HCO please" — to select HCO mode
- "HCO off please" — to turn off HCO mode.

**IMPORTANT:** When you are using HCO, the sound coming from your phone speaker may be uncomfortably loud. Use caution when putting the phone to your ear. (For information on setting your phone's speaker volume, see "Alert Timeout" on page 131.)

**NOTE:** TTY device manufacturer's proprietary feature such as Turbo-Code, High-Speed, and Interruption are not supported by your phone. These features must be turned off or disabled to use your TTY device with your phone.

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### Setting TTY Baud Rate

By default, your phone's TTY baud rate is set to 45.45, the baud rate required for TTY calls within the U.S. To make calls outside the U.S., set your TTY baud rate to 50.0.

To change the TTY baud rate:

1	From the <b>Initial Setup</b> screen, press  to scroll to <b>TTY Baud</b> .
2	Press  under CHANGE.
3	Press  to scroll to the baud rate for your location.
4	Press  under SELECT.

### Alert Timeout

Alert timeout controls the amount of time the Call Alert tone sounds. The display will continue to show the alert information even though the Call Alert tone has stopped.

You can set your phone's alert timeout rules from the **Settings/Initial Setup** screen. Scroll to the **Alert Timeout** option and then choose the desired interval. (No Alert Tone, 1 minute, 5 Minutes, 15 Minutes, 30 Minutes, 1 Hour, or Continuous).

## Return to Home

You can control the amount of time that the recent call screen displays after a call. You can set different timeouts for phone calls and Nextel Direct calls:

- **After Phone** — Set the time that the recent calls screen displays after a phone call
- **After Prvt/Group** — Set the time that the recent calls screen displays after a private or group call

To set the recent calls timeout:

1	From the <b>Initial Setup</b> screen, press  to scroll to <b>Return to Home</b> .
2	Press  under CHANGE.
3	Press  to scroll to the desired display option.
4	Press  under SELECT.

## Voice Volume

**Voice Volume** sets the volume of the sound coming from your phone's earpiece or speaker:

1	From the <b>Voice Volume</b> screen, highlight <b>Earpiece Vol</b> to set the earpiece volume, or press  to scroll to <b>Speaker Vol</b> to set the speaker volume.
2	Press  under CHANGE.
3	Press  to raise or lower the volume setting.  Or,  Press the volume control buttons on the side of your phone.
4	Press  under OK.

## **Tkgrp (Talkgroup) Settings**

Tkgrp Settings enables you to set certain Talkgroup options. See “Group Call” on page 108 for more information.

## **Service Status**

The Service Status screen shows the status of your Nextel services. This screen is for information only; no options can be set.



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# Accessories

To order additional accessories, go to [nextel.com](http://nextel.com) or call Nextel Nextday<sup>SM</sup> Accessories at 1-800-914-3240. You can also contact your Nextel Authorized Sales Representative or stop by any Nextel Store. For information on Nextel retail store locations, go to [nextel.com](http://nextel.com).

This section includes information on the following accessories:

Batteries	Page 136
Chargers	Page 137
Data Accessories	Page 139

## Batteries

For best results, charge the batteries within the temperature range of 50°F to 104°F (10°C to 40°C).

Prolonged charging is not recommended. For battery charging guidelines, see “Battery Charging Times” on page 136.

### Charging Lithium Ion Batteries

The following table provides the approximate time to fully charge a battery using a Motorola iDEN Approved Lithium Ion battery charger. Check the item number on your battery and charger to determine the appropriate charging time.

#### Battery Charging Times

MOTOROLA BATTERIES Description/Chemistry	Charging Time to 100%		
	Standard Travel Charger	Rapid Travel Charger	Standard Multi-Volt Travel Charger
High Capacity Lithium Battery	8 hours	3 hours	8 hours
Standard Lithium Ion Battery	5 hours	2hrs30min	5 hours

**NOTE: Charging times are based on a fully discharged battery.**

### Battery Operating Instructions

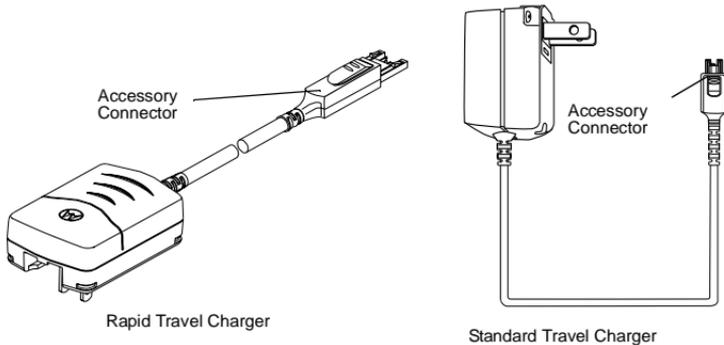
- Extreme temperatures will degrade battery performance. Do not store your battery where temperatures exceed 140°F (60°C) or fall below 4°F (-20°C).
- Lithium Ion batteries have a self discharge rate and without use, will lose about 1% of its charge per day.
- The battery capacity will be degraded if stored for long periods while fully charged. If long term storage is required, store at half capacity.
- When batteries are not in use, always store them in the plastic safety tray.

## Chargers

Using one of the Chargers listed below, you can charge a battery from an AC outlet. On one end of the Charger, an accessory connector attaches to the bottom of the phone. At the other (AC outlet) end of the device, there is a compact housing that contains the plug-in power supply.

TRAVEL CHARGERS
Description
Standard Multi-Volt Travel Charger
Rapid Travel Charger
Standard Travel Charger

**NOTE:** Additional adaptor plugs to accommodate various International power outlets can be purchased separately for the Standard, Multi-Volt and Rapid Travel Chargers.



## Using the Charger

- 1 While holding the phone with its keypad facing up, press the accessory connector button and insert the accessory connector into the bottom of the phone. Release the button and click the connector into place.

**NOTE: To reduce damage to the phone's bottom connector, the charger accessory button should always be used/**

- 2 If you have either the Standard Multi-Volt Charger or the Rapid Travel Charger, flip open the prongs, and plug the Charger transformer into an AC wall outlet.

Or,

If you have the Standard Travel Charger, plug the charger transformer into an AC wall outlet.

### *Standard Multi-Volt Travel Charger Operating Specifications*

Input voltage range: 90-264 VAC @ 50/60 Hz.

Operating temperature range: 0°C to +50°C

### *Standard Travel Charger (U.S. Only)*

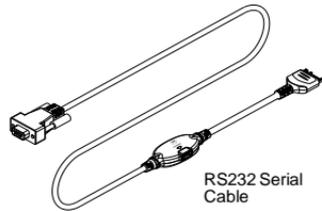
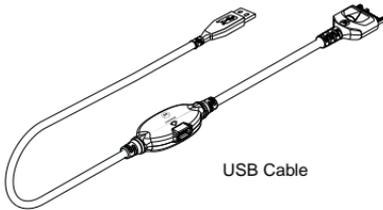
Input voltage range: 90-120 VAC @60Hz.

Operating temperature range: 0°C to +50°C

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## **Data Accessories**

The *i35s* phone supports both RS232 serial communications and USB communications (with USB mother devices). The *i35s* phone will automatically detect whether an RS232 serial or USB cable has been connected to it and will utilize the appropriate protocol. No other action is required in order to select between USB or RS232 serial communications.



The USB cable is authorized for use with the following operating systems only when used in conjunction with Motorola/iDEN created or approved PC applications:

- Windows 98
- Windows 2000
- Windows ME
- Windows XP



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# Other Important Information

This section includes the following topics:

Nextel Customer Care	Page 141
Understanding Status Messages	Page 142
Nextel Terms and Conditions of Service	Page 145
Safety and General Information	Page 150
Limited Warranty Information	Page 160
Trademark Information	Page 174

## Nextel Customer Care

Relax! Nextel Customer Care is here to help. There are lots of features packed into your Nextel service...and into your *i35s* phone. But don't worry. If, after reading this guide, you still have questions about coverage, billing, Nextel Direct Connect, or any other service or feature, contact us.

### Domestic Customer Care

Visit [nextel.com](http://nextel.com) for a variety of Customer Care services:

- **Browse** for information on phones, coverage, rates and other Nextel services. View and download user's guides, try out our interactive virtual product and service demos, find answers to frequently asked questions, order accessories, locate service and repair centers, upgrade phone software, send a message, and more.
- For self-service on your Nextel account, go to **MyNextel** and choose from a variety of options. Contact us online to make changes to your account: add Nextel Online and other services, change rate plans, learn about your bill, view your billing statements, pay your bill online to make changes to your account, reset your Voice Mail password, and more.
- Simply click on **Contact Us** to send us an email request. Our representatives are committed to assisting you. Every effort will be made to address your questions or concerns within 24 hours.

Or, call us at 1-800-639-6111 or dial 611 from your Nextel phone.

**NOTE: If calling about your Nextel handset, please call from another phone so we may better troubleshoot the issue.**

## Nextel Worldwide<sup>®</sup> Customer Care

We'll be happy to give you help, explanations, and anything else you need to enjoy your Nextel service as soon as possible!

Call us at 1(360) 662-5202 (toll free) from your Nextel phone.

Before you contact Nextel Customer Care for service or to resolve an issue, be sure to get your Nextel Personal Telephone Number, your model number (located on your phone underneath the battery), and the ID number printed on your SIM card. You'll want to record these numbers and keep them handy so that you can replace the battery prior to contacting Customer Care.

## Understanding Status Messages

You may receive status messages under certain conditions. Before contacting Nextel Customer Care, note the message, numeric code, and the conditions under which it appeared. The following table lists and describes the status messages.

Status Messages	Message Description
<b>Number Not in Service</b>	The number that you entered is not valid.
<b>User Not Available</b>	The phone that you called is either busy, out-of-coverage, or turned off. Please try again later.
<b>User Not Authorized</b>	The person that you called has not purchased this service.
<b>Please Try Later</b>	This service is temporarily not available. Please try again later.
<b>User Busy in Private</b>	The phone that you called is busy in a Private Call.
<b>User Busy in Data</b>	The phone that you called is busy using Nextel Online services or Nextel Online Dial-Up Service.
<b>Service Restricted</b>	This service was restricted by Nextel, or this service was not purchased.

Status Messages	Message Description
<b>Service Not Available</b>	This feature is currently not available on the network. Please take note of the numeric code and contact Nextel Customer Care.
<b>System Busy Try Later</b>	The system is experiencing heavy traffic. Please try again later.
<b>Service Conflict</b>	This service cannot be enabled because an incompatible service has already been turned on.
<b>Please Try Again</b>	An error occurred. Please try again.
<b>Self Check Error</b>	A fault was detected with your phone. If this error recurs, note the error code and contact Customer Care.
<b>Self Check Fail</b>	An operational fault was detected with your phone. Note the numeric code, turn your phone off, and contact Customer Care.
<b>PIN Blocked Call Your Provider</b>	The incorrect PIN was entered three consecutive times. You will be unable to place or receive calls on your <i>i35s</i> phone. Contact Nextel Customer Care to have them obtain the PIN Unlocking Key (PUK) code.
<b>Insert SIM</b>	Your SIM Card is not being detected. Please check to ensure that you have inserted the SIM Card.
<b>Check SIM Card</b>	Please check your SIM Card to make sure it has been inserted properly.
<b>Wrong PIN</b>	You have entered an incorrect PIN number.
<b>Wrong Code</b>	Your phone will not accept a non-Nextel SIM card.
<b>Enter Unlock Code</b>	Auto Phonelock is activated. Enter your unlock code.

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<b>Status Messages</b>	<b>Message Description</b>
<b>New Browser Message Memory Full!</b>	Warns of low memory for Net Alerts.

## **Nextel Terms and Conditions of Service**

**TERMS AND CONDITIONS OF SERVICE:** This Agreement starts when you open the inside package of any phone or accessory equipment ("Equipment"), you ("Customer") received with this Agreement, or when you call to activate Nextel wireless communications services ("Service"), or when you sign this Agreement, whichever applies. By using the Equipment, Customer applies and subscribes for Services provided by Nextel (the "Company") and confirms that Customer has read, understands, agrees to and accepts the terms and conditions stated herein (the "Agreement"). Should there be any conflict between the terms and conditions below, and the terms and conditions of any current Service/Subscriber Agreement between Customer and Company covering the Equipment accompanying this User's Guide, the terms and conditions of the current Service/Subscriber Agreement will control.

1. **USE OF SERVICE** – Customer acknowledges that it complies with all FCC rules and regulations. Customer will not use the Service for any unlawful purpose. Customer will not use the Service in aircraft or in motor vehicles in violation of law, regulation or ordinance. Customer acknowledges and agrees that all future purchases of Company Services and Equipment by customer shall be governed by the terms and conditions contained herein unless Customer and Company enter into a subsequent Service/Subscriber Agreement. Company may change this Agreement at any time. Any changes are effective when Company provides Customer with written notice stating the effective date of the change(s). If Customer elects to use the Services or make any payment to Company on or after the effective date of the changes, Customer is deemed to have accepted the change(s). If Customer does not accept the changes, Customer may terminate Services as of the effective date at the address shown on Customer's bill. If Services are terminated before the end of the current billing cycle, (i) no credit or refund will be provided for unused airtime; and (I) any monthly recurring charge will not be prorated to the date of termination.

2. **CREDIT APPLICATION** – This Agreement shall be contingent upon Company's approval of Customer's credit application. Company may require Customer to update its credit application or information from time to time. Customer warrants and represents that all information furnished on the credit application is current, complete, accurate, and true. If Company subsequently determines that any statements made on the credit application are false, incomplete and inaccurate, Company may declare Customer to be in default under this Agreement and may exercise any remedies it has under this Agreement at law or in equity. Customer understands that Company will rely upon the credit information provided by Customer, including but not limited to Customer's social security number or tax identification number, and other confidential and personal financial and credit information requested by Company and supplied by Customer, in making a decision to provide Services. Customer understands that Company may request and verify Customer's bank references and perform a credit history check utilizing standard commercial credit reference services in connection with Company's review of the Customer's credit worthiness. Customer acknowledges that Company may provide payment history and other billing/charge information to a credit reporting agency for inclusion in Customer's records maintained by such credit reporting agency. Customer understands that a security deposit or airtime usage limit may be required.

3. **CUSTOMER RADIO EQUIPMENT** – Company is not responsible for the installation, operation, quality of transmission, or maintenance of the Equipment. Any change in Service or Equipment may require additional programming or Equipment or changes to assigned codes or numbers which may require programming fees. Company reserves the right to change or remove assigned codes and/or numbers when such change is reasonably necessary in the conduct of its business. Customer does not have any proprietary interest in such codes or numbers. Although Federal and state laws may make it illegal for third parties to listen in on service, complete privacy cannot be guaranteed. Company shall not be liable to Customer or to any third party for any eavesdropping on or interception of communications from Company's System.

4. **DEPOSITS** – Company has the right, exercisable in its sole discretion at any time or from time to time, to require Customer to make a deposit to guarantee payment of sums due hereunder, including Service charges. Customer hereby grants Company, as applicable, a security interest in such deposits, to secure the payment of all sums due hereunder as well as the performance of all other payment obligations Customer may have to the Company whether now existing or hereafter arising. Upon termination of Service, Company may apply the deposit against any outstanding Service charges of

Customer or any other amount owed to Company. Company reserves the right to interrupt Services if Service appears to have excessive charges, payments are delinquent, or any unusual calling patterns are observed on Customer's account. Such interruption may be done to protect Customer or Company as the Company determines in its sole discretion, but in no event shall the Company be liable to the Customer or to any third party by reason of interrupting or failing to cause an interruption of Service.

5. **RATES, CHARGES, AND PAYMENT** – Company shall issue invoices for Service. Monthly Access charges shall be invoiced in advance. Airtime and long distance charges shall be invoiced in arrears. Customer agrees to pay Company, on a timely basis, for charges by Company for Service. Customer acknowledges that chargeable time for telephone calls and Nextel Direct Connect call transmissions originated by a unit begin when a connection is established with Company facilities. A new Nextel Direct Connect call is initiated by a call participant if that participant responds more than six (6) seconds after the other party finishes its Nextel Direct Connect transmission. Customer accepts responsibility for Airtime charges from incoming telephone calls to its mobile unit from the time that Customer responds to the call. If Customer disputes any Service charges, Customer must pay the entire amount set forth in the invoice by the due date and submit a written explanation within forty five (45) days from the date Company charges Customer for the disputed Service. If Company determines that an error was made with respect to any disputed Service charges, Company shall credit Customer's account in the amount of the error. If Customer does not pay the amount in dispute owed to Company, Company may exercise any remedies it may have under this Agreement for non-payment of Service charges. Company reserves the right to modify any and all elements of the Service charges at any time and each such modification shall be effective immediately upon the Company's communication thereof to Customer, unless the Company's communication indicates a later effective date with respect to such modification. Payments which are not received within thirty (30) days from the date of Company's communication thereof to Customer, Customer shall be subject to late payment charges of 1.5% of the disputed Service charges (or the maximum interest rate permitted by law). The late payment charge is for costs related to the non-timely payment and shall not be deemed an interest payment. If the parties have agreed that payments are to be made in installments, or on credit, Customer shall be responsible for paying amounts due as agreed. If Customer does not make all payments when they are due, such failure shall be a default under this Agreement and Company shall be entitled to exercise any remedies it may have under this Agreement or at law or in equity. If the sale of the Equipment is on a credit or installment basis and the Customer accepts delivery of the Equipment, the Customer may not return the Equipment or receive a refund or any amounts paid and agrees to continue making payments as required under this Agreement until the Equipment sale price is paid in full.

6. **NONPAYMENT/BREACH** – A charge of \$25.00 will be made by Company for any check or negotiable instrument tendered by Customer and returned unpaid by a financial institution for any reason. Company may demand payment by money order, cashier's check, or similarly secure form of payment, at Company's discretion at any time or from time to time. If Company obtains the services of a collection or repossession agency or an attorney to assist Company in remedying Customer's breach of this Agreement, including but not limited to the nonpayment for charges hereunder, Customer shall be liable for this expense. Customer understands that in the event of nonpayment of charges or any other breach of the terms and conditions of this Agreement, in addition to any other remedies Company may have, Company may temporarily or permanently terminate Service to Customer. If Service is terminated and not reconnected within 30 days, all outstanding payments to be made in installments are accelerated and immediately due in full. If Company disconnects the Service, Customer shall be liable to satisfy and discharge all outstanding amounts due and may, at Company's sole discretion, be required to pay a reconnect charge of \$25.00 per unit, in addition to any advance payment of Service charges that may be requested by the Company at its discretion, before the Company will reactivate Service. Company reserves the right to modify the terms of Service as a precondition to reactivating Service. If the Equipment is purchased on an installment basis, or credit, the Company may take possession of the Equipment, at any time wherever the same may be without legal process and without being responsible for loss and damage.

7. **NEXTEL ONLINE SERVICES** – Nextel Online Services, consisting of certain applications such as email, data, information and other wireless internet services (the "Applications") are part of the Services that can be obtained through Company. Certain Applications offered by Company or authorized third parties may be compatible with the Equipment and/or the Service offered by Company. Customer acknowledges and agrees that there is no guarantee or assurance that the Applications are compatible, or will continue to be compatible, with Company's System or any of its

Equipment or Service offerings. Such compatibility or approval from Company of compatibility shall not be construed as an endorsement of a particular Application or a commitment on the part of Company that Application(s) will continue to be compatible with the System, Equipment or Service for any period of time. Company reserves the right, in its sole discretion, to disable or discontinue any Application for any reason. Use of Nextel Online Services requires a wireless internet compatible phone, and is subject to any storage, memory or other Equipment limitation. Only certain internet sites may be accessed, and certain Nextel Online Services may not be available in all Company Service areas.

**8. APPLICATION CUSTOMER CARE AND SUPPORT** – Customer acknowledges and agrees that in most cases, the developer of an Application is responsible for providing customer care and Application support to all Customers using the Application. In the event Customer contacts Company customer care with a problem concerning the use of an Application, Customer may be referred to the Application developer's customer care, and Company shall have no obligation to support such Application.

**9. CONTENT; INTELLECTUAL PROPERTY RIGHTS** – Company is not a publisher of third party content that Customer may from time to time access through Nextel Online Services; therefore Company is not responsible for the content provided by such third parties, including but not limited to statements, opinions, graphics, photos, music, services and other information (“Content”), and accessed by Customer through Nextel Online Services. Company gives no guarantee or assurance as to the currency, accuracy, completeness or utility of Content obtained through Nextel Online Services. Company, Content providers and others have proprietary interests in certain Content. Customer shall not, nor permit others, to reproduce, broadcast, distribute, sell, publish, commercially exploit or otherwise disseminate such Content in any manner without the prior written consent of Company, Content providers, or others with proprietary interests in such Content, as applicable.

**10. RISK OF LOSS; INSURANCE** – Upon Customer's acceptance of delivery of the Equipment, all risk of loss, damage, theft, or destruction to the Equipment shall be borne by the Customer. No such loss, damage, theft, or destruction of the Equipment, in whole or part, shall impair the obligations of Customer hereunder, including, without limitation, responsibility for the payment of Service Charges due hereunder. If the Equipment is purchased on an installment basis, or on credit, Customer agrees to maintain, for the term of this Agreement, at its own expense, comprehensive public liability and property damage insurance with respect to its use of the Equipment in an amount not less than the replacement value of the Equipment, naming Company as co-insured, with all losses payable to Company. Certificates, evidencing proof of such policy and payment of premiums, shall be delivered to Company prior to delivery or installment of the Equipment. Customer shall prepay such premiums as required and shall furnish Company with proof of such payment at the beginning of the Payment Term and upon the expiration of any Certificate. Any and all amounts received by the Company under any such policy shall be applied by Company against the amount of the Equipment Sales Price and any related charges or fees secured hereby. Failure to provide or maintain the insurance required above is a breach of the Agreement for which the Company shall be entitled to exercise any remedies it may have under this Agreement.

**11. PROPERTY DAMAGE INSURANCE** – If Customer selects Direct Protect insurance protection, Company will remit the monthly charge for the insurance which appears on Customer's bill to The Signal Telecommunications Insurance Services (“Signal”) on Customer's behalf. Customer acknowledges that insurance protection is offered by the Signal, not Company, and that any requests for information or claims regarding the insurance shall be directed to Signal. Customer acknowledges having received a summary of coverage, including deductible information, which is also available by calling Signal at 1-888-352-9182.

**12. TAXES, FEES, SURCHARGES & ASSESSMENTS** – Customer is responsible for all federal, state, and local taxes, fees, surcharges, and other assessments (collectively, “Charges”) that are imposed on telecommunications services, other services, and equipment or that are measured by gross receipts from the sale of telecommunication services and/or equipment. Such Charges shall include, but are not limited to: excise taxes; sales and transaction taxes; utility taxes; regulatory fees and assessments; universal service assessments, telephone relay service (TRS) assessments; recoveries or similar charges. Customer shall be responsible for such Charges regardless of whether the Charge is imposed upon the sale of equipment or services, upon Customer, or upon Company. If any such Charge is determined to be applicable and has not been paid by Customer before Customer accepts delivery of

equipment, Customer shall pay Company the full amount of any such Charge no later than ten (10) days after receipt of the invoice therefor.

13. **COVERAGE AREA – Local Dispatch (Direct Connect), cellular calling, Nextel Online Services,** and respective coverage areas for these Services are subject to change at any time at the sole discretion of Company.

14. **LIMITATION AND CONDITION OF LIABILITY; INDEMNITY -** Company does not assume and shall have no liability under the Agreement for (i) failure to deliver the Equipment within a specified time period; (ii) availability and delays in delivery of the Equipment; (iii) damage caused to the Equipment due directly or indirectly to causes beyond the control of Company, including, but not limited to acts of God, acts of the public enemy, acts of the government, acts or failure to act of the Customer, its agents, employees or subcontractors, fires, floods, epidemics, quarantine restrictions, corrosive substances in the air or other hazardous environmental conditions, strikes, freight embargoes, inability to obtain materials or services, commotion, war, unusually severe weather conditions or default of Company's subcontractors whether or not due to any such causes; or (iv) the use of Nextel Online Services, including but not limited to the accuracy or utility of any information acquired from the Internet through Nextel Online Services; or Internet Services, Content or Applications whether or not supported by Company. Without limiting the foregoing, the Company's sole liability for Service disruption, whether caused by the negligence of the Company or otherwise, is limited to a credit allowance not exceeding an amount equal to the proportionate charge to the Customer for the period of Service disruption. EXCEPT AS OTHERWISE SET FORTH IN THE PRECEDING SENTENCE, IN NO EVENT IS THE COMPANY LIABLE FOR ACTUAL, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR OTHER INDIRECT DAMAGES CAUSED BY ITS NEGLIGENCE OR OTHERWISE, NOR FOR ECONOMIC LOSS, PERSONAL INJURIES OR PROPERTY DAMAGES SUSTAINED BY THE CUSTOMER OR ANY THIRD PARTIES. Customer agrees to indemnify, defend, and hold Company harmless from any Customer violations of FCC rules and regulations or Customer violation of any statutes, ordinances or laws of any local, state, or federal public authority.

15. **COMPLETE AGREEMENT/SEVERABILITY/WAIVER –** This Agreement sets forth all of the agreements between the parties concerning the Service and purchase of the Equipment, and there are no oral or written agreements between them other than as set forth in this Agreement. No amendment or addition to this Agreement shall be binding upon this Company unless it is in writing and signed by both parties (and, in the case of the Company, by an officer of the Company). Company shall not be bound by the terms and conditions in Customer's purchase order or elsewhere, unless expressly agreed to in writing by an officer of the Company. This Agreement becomes effective when accepted by the Company. Should any provision of this Agreement be illegal or in contravention of the law, such provision shall be considered null and void but the remainder of this Agreement shall not be affected thereby. The failure of Company, at any time to require the performance by Customer of the provisions of this Agreement shall not affect in any way the right to require such performances at any later time nor shall the waiver by Company of a breach of any provision hereof be taken or held to be a waiver of compliance with or breach of any other provision or a continuing waiver of such provision.

16. **ASSIGNMENT/RESALE/GOVERNING LAW –** This Agreement may be freely assigned by Company to any successor of it or any other firm or entity capable of performing its obligations hereunder, and upon any such assignment, Company shall be released from all obligations to Customer. Customer may not assign this Agreement, or resell the services which are subject to this Agreement without prior written consent of Company. Subject to the restrictions contained herein, this Agreement shall bind and inure to the benefit of the successors and permitted assigns of the parties hereto. This Agreement shall be governed by the laws of the Commonwealth of Virginia.

17. **NOTICE REGARDING USE OF SERVICE FOR 911 OR OTHER EMERGENCY CALLS –** The Service provided hereunder does not interact with 911 and other emergency services in the same manner as landline telephone service. Depending on the circumstances of a particular call, the Service provided hereunder may not be able to identify your location to emergency services and you may not always be connected to the appropriate emergency services provider. Additionally, the provision of 911 or other emergency services may be conditioned on payment of amounts to the governmental authorities who implement or coordinate access to such services, and Customer agrees that Company may apportion and pass through such amounts to Customer, which shall be paid by Customer when due, in connection with Customer's access to such 911 or other emergency services, where available. CUSTOMER AGREES TO HOLD COMPANY HARMLESS AGAINST ANY AND ALL CLAIMS,

nextel.com

## **Nextel Terms and Conditions of Service**

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DEMANDS, ACTIONS, OR CAUSES OF ACTION (INCLUDING ALL ACTIONS BY THIRD PARTIES) ARISING OUT OF THE USE OR ATTEMPTED USE OF THE COMPANY'S SERVICE TO ACCESS 911 OR OTHER EMERGENCY SERVICES.

18. NO WARRANTY (SERVICE) – COMPANY MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE TO CUSTOMER IN CONNECTION WITH ITS USE OF THE SERVICE. IN NO EVENT SHALL COMPANY BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR OTHER INDIRECT DAMAGES TO THE FULL EXTENT THE SAME MAY BE DISCLAIMED BY LAW. CUSTOMER ACKNOWLEDGES THAT SERVICE INTERRUPTIONS WILL OCCUR FROM TIME TO TIME, AND AGREES TO HOLD COMPANY HARMLESS FOR ALL SUCH INTERRUPTIONS.

19. NO WARRANTY (EQUIPMENT) – COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS OF ANY KIND, STATUTORY, EXPRESS OR IMPLIED, TO CUSTOMER OR TO ANY OTHER PURCHASER OF THIS EQUIPMENT. WITHOUT LIMITING THE FOREGOING, COMPANY SPECIFICALLY MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CUSTOMER HEREBY WAIVES, AS AGAINST COMPANY, ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS, OR LIABILITIES, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE. IN NO EVENT SHALL COMPANY BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES, WHETHER OR NOT OCCASIONED BY COMPANY NEGLIGENCE AND INCLUDING, WITHOUT LIMITATION, LIABILITY FOR ANY LOSS OR DAMAGE RESULTING FROM THE INTERRUPTION OR FAILURE IN THE OPERATION OF ANY EQUIPMENT SOLD OR OTHERWISE PROVIDED HEREUNDER. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN. CUSTOMER ASSUMES THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE EQUIPMENT. UNLESS OTHERWISE AGREED BY COMPANY, IF THE EQUIPMENT PROVES DEFECTIVE, THE COSTS OF ALL NECESSARY SERVICING AND REPAIR WILL BE BORNE BY CUSTOMER.

20. CERTAIN TERMS AND CONDITIONS REGARDING NEXTEL BUSINESS NETWORKS – There is no Group Call available on the Nextel Business Networks. There is no pooling of Nextel Direct Connect minutes between companies on the Nextel Business Networks. It is possible that participants on the Nextel Business Network could determine the private identification numbers of Customer's units and be able to Private Call those units. It is also possible that users of Customer's units could determine the private identification numbers of other Nextel Business Network participants and Private Call them.

21. NEXTEL ONLINE "GOLD" SERVICES - Nextel Online "Gold" Services are those Internet and data Services offered in conjunction with a Service plan using the suffix "Gold"; e.g. Packetstream Gold or PowerApps Gold. Company may charge an activation fee for each IP address for these Services. These services may be used only with mobile clients for Internet/intranet access and Internet e-mail via a standard HTML browser or proprietary client software for Public Nextel Online Service Providers and related mail clients. It may also be used with software for proxy applications, for dispatch applications, for POP3 email access, and for other use specifically approved by Nextel. These Internet and data Services may not be substituted for a private line or frame relay connection, or be used for streaming data feeds. Company reserves the right to deny service, without notice, to any Customer whose usage adversely impacts Company's network, Systems or other subscribers' use of Services.

# Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR INTEGRATED MULTI-SERVICE PORTABLE RADIO.

## RF Operational Characteristics

Your radio product contains a radio frequency transmitter to convey the information you wish to send as well as occasional automatic signals used to sustain connection to the wireless network, and a receiver which enables you to receive communication and connection information from the network.

## PORTABLE RADIO PRODUCT OPERATION AND EME EXPOSURE

Your Motorola two-way radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1999 Edition
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2001
- ANATEL, Brasi Regulatory Authority, Resolution 256 (April 11, 2001) "additional requirements for SMR, cellular and PCS product certification."

To assure optimal radio product performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

### Phone Operation

When placing or receiving a phone call, hold your radio product as you would a wireline telephone. **Speak directly into the microphone.**

### Two-way radio operation

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



### Body-worn operation

To maintain compliance with FCC RF exposure guidelines, if you wear a radio product on your body when transmitting, always place the radio product in a **Motorola approved clip, holder, holster, case or body harness for this product.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a Motorola approved body-worn accessory and are not using the radio product in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, then ensure the antenna and the radio product is kept the following minimum distances from the body when transmitting:**

- **Phone or Two-way radio mode: one inch (2.5 cm)**
- **Data operation using any data feature with or without an accessory cable: one inch (2.5 cm)**

### Antenna Care

**Use only the supplied or an approved replacement antenna.** Unauthorized antennas, modifications, or attachments could damage the radio product and may violate FCC regulations.

**DO NOT hold the antenna when the radio product is “IN USE”.** Holding the antenna affects call quality and may cause the radio product to operate at a higher power level than needed.

## Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, or visit our website at [www.mot.com/iden](http://www.mot.com/iden), or look in the accessory section of this manual.

### **ALL MODELS WITH FCC ID AZ489FT5818 MEET THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.\* Tests for SAR are conducted using standard operating positions reviewed by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.4 W/kg and when tested on the body, as described in this user guide, is 0.419 W/kg during voice transmission using Phone Mode and 0.776 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: AZ489FT5818.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

\* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

## **Electro Magnetic Interference/Compatibility**

**NOTE: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.**

### **Facilities**

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio product in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

### **Aircraft**

When instructed to do so, turn off your radio product when on board an aircraft. Any use of a radio product must be in accordance with applicable regulations per airline crew instructions.

### **Medical Devices**

#### **Pacemakers**

The Advanced Medical Technology Association (AdvaMed) recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio product and a pacemaker. These recommendations are consistent with those of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio product more than 6 inches (15 cm) from their pacemaker when the radio product is turned ON.
- Not carry the radio product in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio product OFF immediately if you have any reason to suspect that interference is taking place.

#### **Hearing Aids**

Some digital wireless radio products may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

#### **Other Medical Devices**

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

## **Use While Driving**

Check the laws and regulations on the use of radio products in the area where you drive. Always obey them.

When using the radio product while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.



WARNING

## Operational Warnings

### For Vehicles with an Air Bag

Do not place a portable radio product in the area over the air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio product may be propelled with great force and cause serious injury to occupants of the vehicle.

### Potentially Explosive Atmospheres

Turn off your radio product prior to entering any area with a potentially explosive atmosphere, 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). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

**NOTE:** The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

### Blasting Caps and Areas

To avoid possible interference with blasting operations, turn off your radio product when you are near electrical blasting caps, in a blasting area, or in areas posted: “Turn off two-way radio”. Obey all signs and instructions.



Caution

## Operational Cautions

### Antennas

**Do not use any portable radio product that has a damaged antenna.** If a damaged antenna comes into contact with your skin, a minor burn can result.

### Batteries

All batteries can cause property damage and/or bodily injury, such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

## Cleaning and Drying Considerations

Using a leather carry case may help protect the surfaces and help prevent liquids (e.g., rain) from entering into the interior of the radio product. This product is not water proof, and exposing the unit to liquids may result in permanent damage to the unit.

If your radio product interior gets wet, then do not try to accelerate drying with the use of an oven or a dryer as this will damage the radio product and void the warranty. Instead, do the following:

1. Immediately power off the radio product.
2. Remove Battery and SIM card (if so equipped) from radio product.
3. Shake excess liquid from radio product.
4. Place the radio product and battery in an area that is at room temperature and has good air flow.

5. Let the radio product, battery dry, and SIM card for 72 hours before reconnecting the battery and/or powering on the radio product.

If the radio product does not work after following the steps listed above, contact your dealer for servicing information.

Clean the external surfaces of the radio product with a damp cloth, using a mild solution of dishwashing detergent and water. Some household cleaners may contain chemicals that could seriously damage the radio product. Avoid the use of any petroleum-based solvent cleaners. Also, avoid applying liquids directly on the radio product.

## Accessory Safety Information

### IMPORTANT:

#### SAVE THESE ACCESSORY SAFETY INSTRUCTIONS

- Before using any battery or battery charger, read all the instructions for and cautionary markings on (1) the battery, (2) the battery charger, which may include a separate wall-mounted power supply or transformer, and (3) the radio product using the battery.
- Do not expose any battery charger to water, rain, or snow as they are designed for indoor or in-vehicle use only.

 <p><b>WARNING</b></p>	<p><b>To reduce the risk of injury, charge only the rechargeable batteries listed in the Accessories section of this manual. Other types of batteries may burst, causing personal injury and damage.</b></p>
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- To reduce the risk of damage to the cord or plug, pull by the plug rather than the cord when you disconnect the battery charger from the power source outlet.
- Do not operate any battery charger with a damaged cord or plug — replace them immediately.
- Battery chargers may become warm during operation, but not hot. If it becomes hot to the touch, unplug it from the power outlet immediately and discontinue its use.
- Use of a non-recommended attachment to a battery charger may result in a risk of fire, electric shock, or injury to persons.
- Make sure the battery charger power cord is located so that it will not be stepped on, tripped over, or subjected to damage or stress.
- An extension cord should not be used with any battery charger unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure that:
  - The pins on the plug of the extension cord are the same number, size, and shape as those on the plug of the charger.
  - The extension cord is properly wired and in good electrical condition.
  - The cord size is 18AWG for lengths up to 100 feet and 16AWG for lengths up to 150 feet.

- Do not operate any battery charger if it has received a sharp blow, has been dropped, or has been damaged in any way; take it to a qualified service technician.
- Do not disassemble a battery charger; take it to a qualified service technician when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Maximum ambient temperature around the power supply or transformer of any battery charger should not exceed 40°C (104°F).
- The output power from the power supply or transformer must not exceed the rating given on the Desktop Dual-Pocket Charger.
- The disconnection from the line voltage is made by unplugging the power supply from the AC receptacle.
- To reduce risk of electric shock, unplug any battery charger from the outlet before attempting any maintenance or cleaning.

For optimum charging performance, turn off the radio product while charging it in any battery charger.

## The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones



FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known--and what remains unknown--about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

### Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e., radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence *does not* demonstrate any adverse health effects associated with the use of mobile phones.

### What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna--the primary source of the RF--and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

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## How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously--up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually *decreased* with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and

repeatability of these results.(1)

2. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.(2)

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

1. Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.(3)
2. In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this

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occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.(4)

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

### **What is known about cases of human cancer that have been reported in users of hand-held mobile phones?**

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

### **What is FDA's role concerning the safety of mobile phones?**

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones;
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.
- At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:
  - National Institute for Occupational Safety and Health
  - Environmental Protection Agency
  - Federal Communications Commission
  - Occupational Health and Safety Administration
  - National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

### **In the absence of conclusive information about any possible risk, what can concerned individuals do?**

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle,
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package, or
- a headset with a remote antenna to a mobile phone carried at the waist.

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Again, the scientific data *do not* demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

## Where can I find additional information?

For additional information, see the following websites:

- **Federal Communications Commission (FCC)** RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): <http://www.fcc.gov/oet/rfsafety> .
- **World Health Organization (WHO)** International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>
- **United Kingdom, National Radiological Protection Board:** <http://www.nrp.org.uk> .
- **Cellular Telecommunications Industry Association (CTIA):** <http://www.wow-com.com> .
- **U.S. Food and Drug Administration (FDA)** Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/> .

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1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.
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4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

## Limited Warranty Motorola Communication Products

<b>NOTE :</b>	This Warranty applies within the fifty (50) united states and the District of Columbia
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### I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

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

<b>iDEN Subscriber Digital Mobile and Portable Units</b>	<b>One (1) Year</b>
<b>Product Accessories</b>	<b>One (1) Year</b>
<b>Batteries</b>	<b>One (1) Year</b>

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

- a. the battery capacity falls below 80% of rated capacity, or
- b. the battery develops leakage.

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

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications

to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

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

## **II. GENERAL PROVISIONS:**

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

## **III. STATE LAW RIGHTS:**

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

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## **IV. HOW TO GET WARRANTY SERVICE:**

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by MOTOROLA through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service. You can also call MOTOROLA at 1-800-453-0920 for warranty service location information.

## **V. WHAT THIS WARRANTY DOES NOT COVER:**

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.
- b. Defects or damage from misuse, accident, water, or neglect.
- c. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- d. Breakage or damage to antennas unless caused directly by defects in material workmanship.
- e. A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the audition to the Product of non-MOTOROLA supplied equipment) which adversely affect performance of the Product or interfere with MOTOROLA'S normal warranty inspection and testing of the Product to verify any warranty claim.
- f. Product which has had the serial number removed or made illegible.
- g. Rechargeable batteries if:
  1. Any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
  2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- h. Freight costs to the repair depot.
- i. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with MOTOROLA'S published specifications or the FCC type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- j. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.

- k. Normal and customary wear and tear.

## **VI. 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 United States 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:

- a. That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- b. That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- c. Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a United States 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 used in connection with the Product or any parts thereof.

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## Limited Warranty Motorola Communication Products (International)

<b>NOTE :</b>	This Warranty applies in Singapore and the Philippines.
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### I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

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

<b>iDEN Subscriber Digital Mobile and Portable Units</b>	<b>One (1) Year</b>
<b>Product Accessories (manufactured by or under license from MOTOROLA)</b>	<b>One (1) Year</b>
<b>Batteries</b>	<b>One (1) Year</b>

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

- a. the battery capacity falls below 80% of rated capacity, or
- b. the battery develops leakage.

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

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA. MOTOROLA assumes no obligations or liability for additions or modifications

to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

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

## **II. GENERAL PROVISIONS:**

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

## **III. HOW TO GET WARRANTY SERVICE:**

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

## **IV. WHAT THIS WARRANTY DOES NOT COVER:**

- a. Defects or damage resulting from use of the Product in other than its normal and customary manner.

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

## **V. 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:

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- c. 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.

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## A

- Accessories **2, 135**
  - batteries **136**
- Accessory safety information **158**
- Active Line icons **34**
- Additional Health and Safety **160**
- Address Book **52**
- Alpha mode, text entry **29**
- Alternate Line **75**
  - receiving calls **76**
  - selecting **75**
- Answer **106**
- Auto Redial **127**

## B

- Back
  - Nextel Online **115**
- Backlight **125**
- Backlight timer **128**
- Battery **9**
  - attaching **9**
  - charge strength **10**
  - charging **10**
  - detaching **9**
- Battery Charging Times **136**
  - Accessories **136**
- Battery Strength icons **34**
- Blocking **74**
  - Digital Cellular **74**

## C

- Call Alert **38, 104**
  - Messages **38**
- Call Alert Queue **106**
- Call Alerts **104**

- Call alerts **104**
  - from Phonebook **105**
  - receiving **106**
- Call Forward **38**
- Call Forward icons **34**
- Call Forwarding **69**
  - turning off **71**
  - turning on **70**
- Call Hold **67**
- Call restrictions **76**
- Call Timers **38, 65**
  - Digital Cellular **38**
- Call Waiting **66, 123**
  - accepting calls **66**
  - declining calls **67**
  - ending active calls **67**
  - switching between calls **66**
  - turning off **67**
- Caller ID **73**
- Charge strength **10**
- Charging Lithium Ion Batteries **136**
- Circuit data number **26**
- Clear **106**
- Connection status **25**
- Contrast **128**
- Customer Care **2, 141**

## D

- Deactivating **25**
- Deleting **108**
- Delivery options
  - Voice Mail **95**
- Dialing menu **47**
- Digital cellular **53**
- Direct Connect **101**

Direct Dial **54**  
    Digital Cellular **54**  
Direct dial **54**  
Direct Protect<sup>SM</sup> insurance **3**  
Directory Assistance **76**  
Display options **37**  
Driving safety **3**

**E**

Earpiece **132**  
Email **83**  
Emergency Calling **59**  
Entering text, see Text entry  
Error **143**

**F**

Feature Reset **129**

**G**

Getting started **5**  
Greetings **91**  
Group calls **108**  
Group-Silent programming **111**

**H**

Hold **67**  
    Digital Cellular **67**  
Home  
    Nextel Online **115**

**I**

Icon **70**  
    Digital Cellular **70**  
Icons **8**  
    main menu **38**  
    Phonebook **40**  
    status **34**  
Idle screen **34**  
In Call Setup **123**

Initial Setup **125**  
International calls **51, 58**  
Internet  
    security **116**  
IP Address **26**

**K**

Keypad Lock **22, 124**  
    activating **22**  
    deactivating **25**

**L**

Language **29, 129**  
Line **123**

**M**

Main menu **38**  
    icons **38**  
    options **38**  
Making call alerts **104**  
Making phone calls **54**  
Making Private calls **102**  
Master Clear **129**  
Master Reset **125**  
Memo **38, 113**  
    adding **113**  
    deleting **114**  
    editing **114**  
    viewing **113**  
Menu icon **36**  
Menus **7, 36, 37**  
    main menu **38**  
    voice mail **88**  
Message Center **79**  
Message indicators  
    text and numeric **81**  
    voice mail **86**  
Messages **38, 79**

---

email **83**  
Net Alert **83**  
text and numeric **80**  
voice mail **85**

Messages, text and numeric  
notifications **81**  
operator assisted **83**  
sending **82**  
viewing **81**  
Web **82**

Microbrowser **116**  
Missed call **61**  
Modem, phone as **117**  
Mute **65**  
My Info **38**  
    Getting Started **38**  
My Information **26**

**N**

Navigating  
    Menus **37**

Navigating Menus and Lists **37**  
Net **38**  
Net Alert **83**  
Nextel **53**  
    Customer Care **2, 141**  
    Direct Connect **101**  
    Direct Protect<sup>SM</sup> insurance **3**  
    Internet Home Page **3**  
    Terms and Conditions of Service  
        **145**

Nextel Online **115**  
Nextel Online Navigation Keys **115**  
Nextel Worldwide Service **53**  
    Digital Cellular **53**

Notifications **123**  
    setting **122**  
    text and numeric messages **81**

Numeric mode, text entry **32**

## O

OARSS **13**

Ordering Information **2**

## P

Password **85, 90**

    SIM PIN **125**

    unlock code **125**

    voice mail **90**

Pause digit entry **50**

Per-Call blocking **74**

Per-Line blocking **74**

Phone

    modem **117**

    off **12**

    on **11**

    status **25**

Phone calls **54**

    call restrictions **76**

    displaying caller's name **74**

    ending **60**

    from Phonebook **54**

    from Recent Calls list **56**

    international calls **58**

    receiving **60**

    speed dial **56**

    Turbo Dial **57**

Phone In Use **35**

Phone Lock **124**

phone number **26**

Phone Setup **123**

Phonebook **38, 39**

    capacity **43**

    making call alerts **105**

    making calls **54**

    Phonebook entries **38**

- Private calls **102**
  - storing Recent Calls **63**
  - Phonebook entries **41**
    - adding **44**
    - deleting **50**
    - editing **49**
    - sorting **42**
    - viewing **41**
  - Phonebook Icons
    - Phonebook **40**
  - Placing
    - Direct Connect **104**
  - Plus dialing **51**
  - Power button **11**
  - Powering phone on or off **11**
  - Privacy **74**
  - Private calls
    - from Phonebook **102**
    - from Recent Calls list **103**
    - making **102**
    - receiving **104**
  - Private ID **102**
  - Private in use **35**
  - PUK code **18**
- Q**
- Queue **106**
    - Direct Connect **106**
- R**
- Radio frequency **150**
  - Receiving a phone call
    - Digital Cellular **60**
  - Recent Calls **38, 56, 61**
    - deleting **63**
    - details **62**
    - Digital Cellular **38**
    - Private calls **103**
    - storing to Phonebook **63**
    - viewing **61**
  - Recent Calls list
    - storing numbers from **48**
  - Recording Your Name
    - Voice Mail **90**
  - Redial **57**
    - Digital Cellular **57**
  - Responding **107**
  - Ring styles **122**
  - Ring/Vibe **120**
  - Ring/Vibrate **120**
  - Ringer Vol **120**
- S**
- Safety **150**
    - accessory **158**
    - electromagnetic interference **153**
    - medical devices **153**
    - radio frequency **150**
  - Screen **33**
  - Scroll **115**
    - Nextel Online **115**
  - Scrolling **37, 128**
  - Secure Data **35**
  - Security **13, 116, 124**
  - Security code
    - Password **125**
  - Settings **38**
    - In Call Setup **123**
    - Initial Setup **125**
    - Phone Setup **123**
    - Ring/Vibe **120**
  - Signal strength icons
    - Display **34**
  - SIM card **13, 39**
    - blocked **16**

---

- inserting and removing **19**
- unblocking **18**
- SIM PIN **14, 125**
  - changing **16**
  - disabling **14, 19**
  - enabling **14, 19**
  - entering **14**
- Sorting **107**
- Speed Dial numbers **40, 46, 56**
- Status Light **25, 128**
- Status messages **142**
- Status of connection **25**
- Storing Numbers **47**
  - Phonebook **47**
- storing numbers
  - Recent Calls list **47, 48**
- Symbols mode, text entry **32**

**T**

- T9 Text Input **27**
  - also see Text entry
- T9 Text Input icons **35**
- Talkgroup **133**
- Talkgroup In Use **35**
- Talkgroups **108**
  - joining **111**
  - naming **109**
- TDD/TTY **59**
- Telecommunications Relay Service **59**
- Terms and Conditions of Service **145**
- Text and numeric messages **80**
- Text display
  - area **36**
- Text entry **27**
  - Alpha mode **29**
  - Numeric mode **32**
  - Symbols mode **32**

- Word mode **29**
- Text Message **35**
- Three-Way Calling **68**
- Time and date charts
  - Voice Mail **99**
- Time and date format **126**
- Timer **123**
- TTY devices
  - making calls **57**
  - setting baud rate **131**
  - setting mode **129**
- Turbo Dial **57**
- Turning phone on or off **11**
- Two-Way Messages **83**
- Two-Way Messaging **79**
- Typing text, see Text entry

## U

- Unblocking SIM PIN **18**
- Universal Serial Bus (USB) **139**

## V

- Viewing **106**
- Voice Mail **35, 85, 100**
  - changing password **90**
  - deleting messages **89**
  - greetings **91**
  - group lists **96**
  - main menu **88**
  - message forwarding **98**
  - message indicators **86**
  - playing messages **88**
  - receiving messages **86**
  - recovering messages **90**
  - saving messages **89**
  - setting up **85**
  - tree **100**
- Voice Volume **131**

**W**

Walkie-Talkie **101**

also see Direct Connect or  
Private calls

Warranty **170**

Web Messaging **82**

Word mode, text entry **29**

**Y**

your Private ID **26**