Motorola®

iDEN®

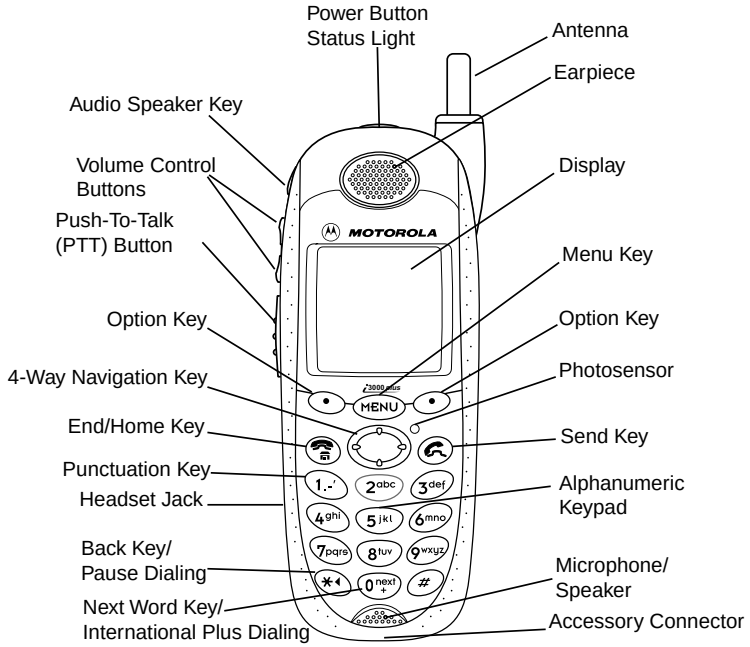
Digital Multi-Service Data-Capable Phone

*i*3000*plus*™ Phone User's Guide

NTN9468-A

*i*3000*plus* Phone Features Bookmark

You can use this fold-out diagram as a bookmark, making it easy to refer to while you learn to use your *i*3000*plus* phone.



Learning to Use Your *i*3000*plus* Phone

1	Tear off the Quick Reference Card located on the back cover, complete the information and keep it handy.
2	Read Safety and General Information.
3	Familiarize yourself with the Table of Contents.
4	Use the *i*3000*plus* Phone CD included in the box.

NOTE: Remove the plastic film lens protector from the display.

NOTE: The display backlight is activated by pressing any key.

Table of Contents

Table of Contents **3**

Introduction **9**

Driving Safety Tips 10

Getting Started **11**

Getting Started 11
i3000plus Phone Essentials 11
Batteries 14
Attaching the Battery 14
Detaching the Battery 15
Charging the Battery 15
Activating Your i3000plus Phone 16
Powering On the Phone 16
Powering Off the Phone 17
Security Features of the i3000plus Phone 17
SIM Card Personal Identification Number (PIN) 17
Entering the PIN 17
Changing the PIN 18
Unblocking the PIN 19
Disabling/Enabling the PIN Requirement 20
Removing/Inserting the SIM Card 21
Keypad Lock 22
Activating Keypad Lock 23
Receiving Incoming Calls 23
Receiving New Message Mail 23
Receiving Voice Mail 24
Receiving Private Calls 24
Deactivating Keypad Lock 24
Status of Your i3000plus Phone 24
My Information 25
Viewing/Editing My Information 25

Display Essentials **27**

Desktop Essentials 27
Ready Screen 27
Status and Application Icons 27
Text Display Area 27
Menu Icon 28
Display Options 28

Navigating Menus and Lists 28
Main Menu Options 29

Digital Cellular 31

Making Phone Calls 31
Using Direct Dial 32
Making Calls from the Phonebook 32
Making Calls from the Recent Calls List 33
Using Speed Dial 33
Using Turbo Dial 33
Voice Tags 34
Automatic Redial 34
Placing International Phone Calls 34
Plus Dialing 34
Emergency Calling 35
Special Dialing Codes 35
Receiving a Phone Call 35
Ending a Phone Call 35
Recent Calls 35
Viewing Recent Calls 35
Getting Detailed Information About Recent Calls 36
Storing a Number From the Recent Call List 36
Calling From the Recent Call List 36
Deleting Recent Calls 36
Call Timers 37
Hands-Free Speakerphone 37
Call Waiting 37
Accepting Calls 38
Switching Between Calls 38
Declining Calls 38
Ending the Active Call 38
Turning Off Call Waiting 38
Call Hold 39
Three-Way Calling 39
Call Forwarding 40
Turning On Call Forwarding 41
Turning Off Call Forwarding 42
Additional Phone Services 43
Caller ID 43
Displaying the Caller’s Name 43
Alternate Line Service 43
Selecting the Alternate Line 44
Receiving Calls on Your Alternate Line 44

Accepting Calls 45
Declining Calls 45
Call Restrictions 45
White Page Listings 45
Yellow Page Listings 45
Nationwide Call Completion 45

Private Calls 49

Private Calls 49
Private Calls 49
Making Private Calls from the Keypad 49
Making a Private Calls from the Phonebook 50
Making Private Calls from the Recent Call List 50
Receiving a Private Call 51
Call Alerts 51
Placing a Call Alert from the Keypad 51
Placing a Call Alert from the Phonebook 51
Ready to Alert Screen 51
Receiving Call Alerts 52
Call Alert Queue 52
Accessing the Call Alert Queue 52
Sending a Call Alert From the Queue 52
Deleting a Call Alert From the Queue 52
Group Calls 53
Naming a Talkgroup 53
Making Talkgroup Calls from the Keypad 53
Making a Talkgroup Call from the Phonebook 53
Making a Talkgroup Call from the Recent Call List 54
Receiving Talkgroup Calls 54
Group-Silent Programming 54
Turning Group-Silent On/Off 54

Mail Services 57

Messaging 57

Phonebook 59

Your Phonebook 59
Phonebook Lists 59
Speed Dial Numbers 60
Expanded List 60
Simple List 60
Phonebook Icons 61
Voice Tags 62

Accessing Your Phonebook 62
About Phonebook Entries 62
Viewing Phonebook Entries 63
Sorting Phonebook Entries 63
Adding Phonebook Entries 64
Editing Phonebook Entries 69
Deleting Phonebook Entries 69
Pause Digit Entry 69
Plus Dialing 70
Address Book 70

PIM Tools 71

Datebook 71
Datebook Icons 71
Viewing Your Datebook 72
Viewing a Week 72
Viewing a Day 72
Viewing Event Details 73
Viewing Today 73
About Datebook Events 73
Adding New Event 74
Editing Events 77
Deleting Events 77
Memo 78
Adding a New Memo 78
Viewing Memos 78
Editing Memos 78
Deleting Memos 79
VoiceNotes 79
Recording a New VoiceNote 80
Playing a VoiceNote 80
Deleting a VoiceNote 80
Locking/Unlocking a VoiceNote 80
Synchronizing 80

K-Java 83

Calculator 83

Customizing the i3000plus Phone 85

Changing the Display Language 85
Setting the Time and Date 86
Backlight Timer 87

Setting the Ringer Volume 88
Selecting a Ring Style 88
Setting the VibraCall® Feature 90
Shortcuts 90
Creating a Shortcut 90
Using Shortcuts 91
Shortcut Menu 92
Editing Shortcuts 92
Deleting Shortcuts 93
Styles 94
Accessing Styles 94
Creating/Editing a Style 94

Accessories 97

Leather Carry Case 97
Swivel Carry Clip 98
Hands-Free Car Kit 106
Using the Hands-Free Car Kit 106
Removing the Hands-Free Car Kit 107
Data Accessories 108
Y-Cable 109
Palm Converter Plugs 110

Other Important Information 111

Understanding Status Messages 111

Safety and General Information 113

RF Operational Characteristics 113
Exposure To Radio Frequency Energy 113
Portable Radio Product Operation and EME Exposure 114
Antenna Care 114
Phone Operation 114
Two-way radio operation 114
Body-worn operation 114
Data operation 114
Approved Accessories 115
Electro Magnetic Interference/Compatibility 115
Facilities 116
Aircraft 116
Medical Devices 116
Pacemakers 116
Hearing Aids 116
Other Medical Devices 116

Use While Driving 117
Operational Warnings 118
For Vehicles Equipped with an Air Bag 118
Potentially Explosive Atmospheres 118
Blasting Caps and Areas 118
Operational Cautions 119
Antennas 119
Batteries 119
Cleaning and Drying Considerations 119
Accessory Safety Information 121
Limited Warranty Motorola Communication Products 123
Limited Warranty Motorola Communication Products (international) 127
Patent and Trademark Information 131

Introduction

Congratulations on the purchase of your *i*3000*plus* Phone. Before you get started, please refer to the "*i*3000*plus* Phone Features Bookmark", attached to the front cover of this guide, which you can use as a placeholder. It has a picture of the *i*3000*plus* phone with all of the components clearly labeled. Also, the back of this guide includes a topic Index to help you look up specific information throughout the guide.

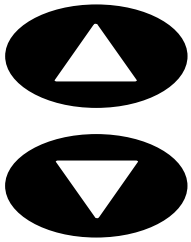
This guide contains all the information you need to take full advantage of your *i*3000*plus* phone, including:

Phone Mode—includes features such as Call Hold, Call Forwarding, Call Waiting, and Three-Way Calling. Find out more about placing calls in this section.
Private Mode/Group Mode—An innovative feature for communicating instantly with one or more co-workers at a fraction of the cost of cellular.
Text and Numeric Messages—Lets you receive numeric pages and important, short messages right over the phone. Learn more about Messages in this section.
Voice Mail—Takes messages 24 hours a day and includes Message Forwarding, Automatic Playback and more. Read more about Voice Mail in this section.
Additional Phone Services—Includes Alternate Line Service, Call Restrictions, Caller ID, and Enhanced Directory Assistance. Find out more in this section.
Net Mode

Driving Safety Tips

Safe driving is far more important than anything else. So please follow these tips for using your wireless phone when you're behind the wheel.

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 you're in heavy traffic or hazardous road conditions.
4. **Program your most frequently dialed numbers** into your phone for Speed Dialing. When dialing manually without the Turbo Dial™ (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 a hands-free speakerphone,** which allows you to keep both hands on the wheel when speaking. .
8. **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.



NOTE: You can set your phone to display text in three size: Standard view, Compress view, and Zoom view. Zoom view is the best view to use while driving. See [xxxxx] for information on setting your view.

Getting Started

In this section, you will learn everything you need to know to begin using your *i*3000*plus* phone.

This section includes instructions for the following tasks:

i3000plus Phone Essentials	Page 11
Batteries	Page 14
Activating Your i3000plus Phone	Page 16
Security Features of the i3000plus Phone	Page 17
Status of Your i3000plus Phone **NOTE: Your phone must be activated before you can place or receive a call.**	Page 24
Status of Your i3000plus Phone	Page 24
My Information	Page 25

*i*3000*plus* Phone Essentials

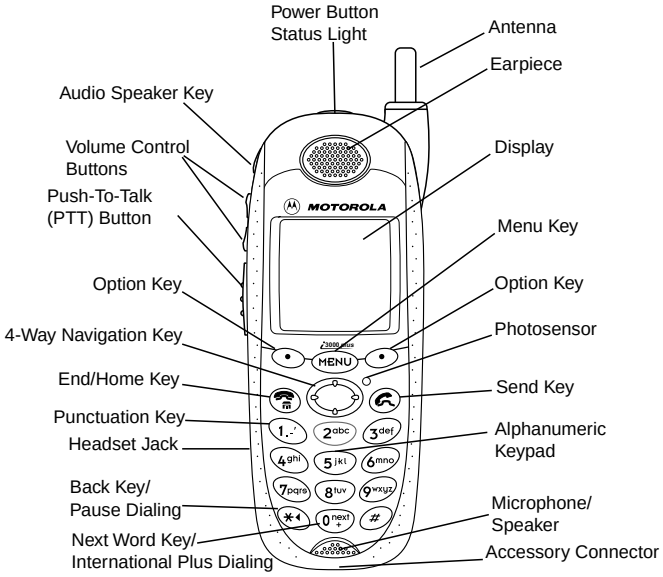


Table 1: *i*3000*plus* Phone Essentials

Feature	Description
Power Button / Status Light	**Power Button:** Press and hold to turn the phone on or off. **Status Light:** Glows *GREEN* when connected to network; *RED* when searching for network or not connected.
Speaker Key	Activates or mutes the speaker when sending or receiving Group/Private Calls.
Volume Controls (Up/ Down)	Press to raise or lower the ear piece volume.
Push-To-Talk (PTT) Button	Press to send private or group calls.
Option Keys (Left and Right)	Activates the left and right menu options in the Display.
End/Home Key	**End:** Press to end the call in progress. **Home:** Return to the Ready screen or return to the home page.
Headset Jack	Accepts 2.5-mm. Motorola headset accessory.
Microphone	Speak into during calls and recordings.
Antenna	Enables optimum signal reception when fully extended.
Earpiece	Listen to calls without disturbing others.

Table 1: *i3000plus* Phone Essentials (Continued)

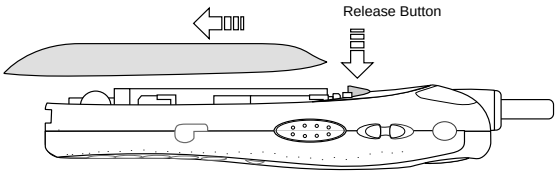
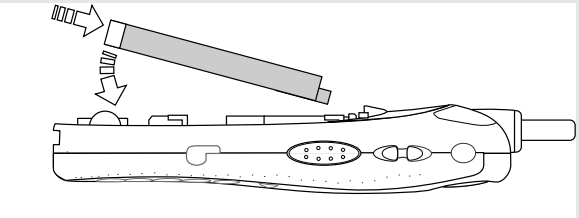
Feature	Description
Display	A multi-line screen (standard, zoom, compressed) for viewing call information, messages, applications, and other phone information.
Menu Key	Press to activate the Display menu.
Back Key	Press to go back.
Photosensor	Turns on backlight automatically in low-light situations.
Speaker Key	Allows for hands-free calls.
Punctuation Key	Press to add punctuation to text messages.
Next Word/ International Plus Dialing	**Next Word:** Use to display additional words when using T-9 text input. **International Plus Dialing:** Use to set up international calls.
4-Way Navigation Key	Pressing the upper or lower edge scrolls a menu or list of item. Pressing the left or right edge moves the cursor while entering text, or scrolls the display menu options.
Send Key	Press to initiate a call.
Alphanumeric Keypad	Enter numbers or letters.
Accessory Connector	Enables connection of charger and other accessories.

Batteries

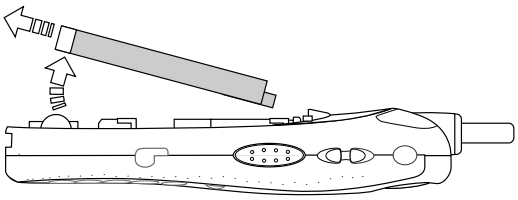
Your *i*3000*plus* phone comes with a standard Motorola iDEN Lithium Ion battery and a Motorola iDEN approved Lithium Ion battery charger. Remove the battery from the protective case provided in the original packaging. After attaching the battery, charge it (while the phone is off) for at least three hours before you use it for the first time. After the initial charging, the battery can be charged more quickly.

When the battery is not attached to the phone store it in this case.

Attaching the Battery

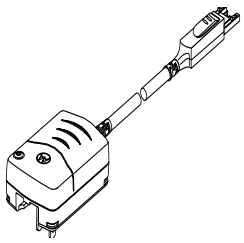
1	Remove the battery cover located on the back of the phone by pressing the battery cover release button and, sliding the battery cover away from the antenna. 
2	Insert the top of the battery into the battery area. Press down on the bottom of the battery to secure it. 
3	Replace the battery cover and push forward until you hear a click.

Detaching the Battery

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

Charging the Battery

NOTE: Before you use the *i*3000*plus* phone for the first time, charge the battery for at least three hours with the phone powered off. After the initial charging, the battery can be charged more quickly.

1	Make sure your *i*3000*plus* phone's keypad is facing up.
2	Plug the accessory connector into the bottom of the *i*3000*plus* phone. 
3	Flip open the prongs and plug the charger into an electrical outlet.

Battery Charging Status

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

Icon Display				
Charge Strength	Low Battery	40%	70%	Fully Charged

A short, chirp-like sound indicates a low battery. This indicates that you have approximately 5 minutes of talk time remaining.

Activating Your *i*3000*plus* Phone

Before you can begin using your *i*3000*plus* phone, it needs to be activated.

If your display reads **No Service** or doesn't change to the **Ready** screen when you turn on your phone, Turning Your *i*3000*plus* Phone On/Off

Powering On the Phone

1	Extend the antenna.
2	Press and hold at the top of the phone until the status light glows red and a tone briefly sounds.
3	When the **Enter SIM PIN** screen displays, enter your SIM PIN. (For more information see *"SIM Card Personal Identification Number (PIN)" on page 17*.) **NOTE: The default SIM card PIN is 0000. It is recommended that you change your PIN to prevent fraudulent use of the SIM card (see** *"Changing the PIN" on page 18***).**
4	Press under "OK".
5	As your phone connects to and registers with the network, you will see a welcome message. When the **Ready** screen appears on the display, you are ready to use your *i*3000*plus* phone! Ready 10/03 5:50pm PHBK MESG

Powering Off the Phone

1	Press and hold on the top of the phone until you see the message **Powering Off**.
2	Push in the antenna.

Security Features of the *i*3000*plus* Phone

The *i*3000*plus* phone comes with two levels of security protection:

1. SIM Card
2. Keypad Lock

Your *i*3000*plus* phone comes with a built-in level of security protection through the use of the SIM (Subscriber Identity Module) card. The SIM card is located in the SIM Card Holder on the back of the phone, behind the battery. You can verify that the SIM card is in place by viewing the SIM card through the SIM card holder.

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

NOTE: If there is no SIM card present, notify your sales representative.

SIM Card Personal Identification Number (PIN)

To prevent unauthorized use of your phone, your SIM card is protected by a PIN. Each time the *i*3000*plus* phone is powered on, you must enter your PIN. You can change or disable your PIN if desired.

NOTE: Disabling your PIN enables anyone to use your phone. If you disable your PIN, you still must keep the SIM card in the phone to make calls.

Entering the PIN

By default your phone is automatically set to ask for a PIN.

NOTE: Your default SIM card PIN is: 0000. It is recommended that you change your PIN to prevent fraudulent use of the SIM card (see *"Changing the PIN" on page 18***).**

Caution	**Incorrectly entering your PIN three times causes the SIM to be blocked. To unblock your SIM, you must contact Customer Care. For more information, see** *"Unblocking the PIN" on page 19***.**

1	From the **Enter SIM PIN** screen, enter your PIN. An asterisk appears for each character entered. **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 **Wrong PIN** appears. After three consecutive incorrect attempts, even if you turn your phone off and on again, the SIM card blocks any additional tries. If this happens, see the following section titled *"Unblocking the PIN" on page 19.*

Changing the PIN

1	Press MENU and then press ⊙ to scroll to **Settings.**
2	Press ⊙ under "SELECT". The **Settings** screen appears.

3	Press to scroll to **Security**.
4	Press under "SELECT". The **Security** screen appears. Press to scroll to **New Password**.
5	Press under "SELECT". The **SIM PIN Editor** screen displays.
6	Press to scroll to **SIM PIN code**.
7	Enter the current SIM PIN.
8	At the Enter New SIM PIN screen, enter the new SIM PIN.
9	At the **Re-Enter New SIM PIN** screen, re-enter the new SIM PIN to confirm.
10	Press under "OK".

Unblocking the PIN

If you forget your PIN and unsuccessfully enter it three times, access to your *i*3000*plus* phone will be blocked. To unblock the PIN:

NOTE: Before you begin, obtain the PIN Unblocking Key (PUK) code from Customer Care, then read and understand the entire PIN unblocking sequence. In entering the key press sequence, each must occur within 2 seconds of the prior key press.

1	Press *, *, 0, 5.
2	Enter the PUK code.
3	Press .
4	Enter a new SIM PIN and press .
5	Re-enter your SIM PIN and press .

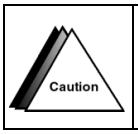
6	If you entered the SIM PIN codes properly, the **SIM: Unlocked** screen displays.

NOTE: 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 call your service provider. If the SIM is blocked, the *i*3000*plus* phone only allows outgoing Emergency calls.

Disabling/Enabling the PIN Requirement

1	Press MENU and then press to scroll to **Settings.**
2	Press under "SELECT". The **Settings** screen appears.
3	Press to scroll to **Security**.
4	Press under "SELECT". The **Security** screen appears.
5	Press to scroll to **SIM PIN**.
6	Press under "SELECT". At the **SIM PIN on/off** screen, press to scroll to **On** to enable. Or Scroll to **Off** to disable. (If you select this feature, you will be taken back to the previous screen).
7	Press under "SELECT". The SIM PIN editor screen appears.
8	Enter the SIM PIN (4- to 8-digit) code at the **Verify SIM PIN** screen.

9	Press ⊙ under “OK”.

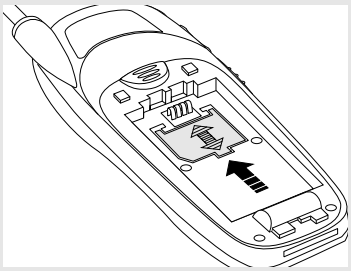
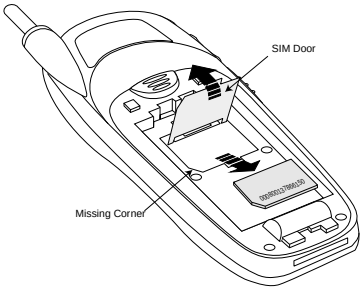


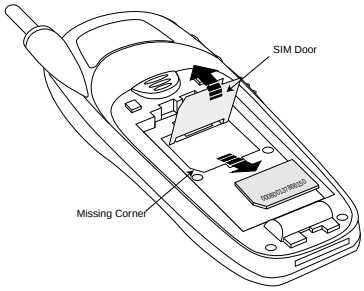
If you disable the PIN requirement, you remove protection of personal data on your SIM card. Anyone can then use your phone and access your personal data.

When the PIN is enabled, you are prompted to enter your PIN each time you turn on your *i*3000*plus* phone. Until a valid PIN is entered, you can use the phone only to make emergency calls depending on the network.

After the PIN is accepted, the **Ready** screen displays.

Removing/Inserting the SIM Card

1	Remove the battery cover and battery. See *“Detaching the Battery” on page 15*.
2	With the antenna facing away from you, and the back of the *i*3000*plus* phone exposed and facing up, locate the SIM cover and gently push it forward. 
3	Lift the SIM cover up. 

4	To remove the SIM card, *very carefully* slide it out of its holder. *Do not touch the gold-colored areas.* **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 like a mailing envelope.**	
5	To insert the SIM card, *very carefully* place it in its holder with the contact side facing down and the missing corner on the card properly aligned with the missing corner of the holder. *Do not touch the gold-colored areas.* Close the SIM card cover and slide it down until you hear a click.	

Keypad Lock

The *i*3000*plus* 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/Off
- Unlock the keypad
- Receive incoming calls, messages, and alerts.

NOTE: 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 **Ready** screen, press MENU, then *. The message **Keypad Locked** displays on your phone.

NOTE: Whenever a key is pressed while in Keypad Lock mode, the Keypad Locked message displays as a reminder.

NOTE: If you have enabled the Keypad Lock feature, you must unlock the phone's keypad before any call can be made, including 911 emergency calls. For more information please contact your service provider.

Receiving Incoming Calls

When you receive an incoming phone call (see "Digital Cellular" on page xx), Keypad Lock is temporarily disabled. Press ☎ to answer the call, or press ⊙ under "Ignore" to send the call to Voice Mail and reactivate Keypad Lock.

Receiving New Message Mail

When you receive new Message Mail (see "Text and Numeric Messaging" on page xx), the Keypad Lock is temporarily disabled. You may perform the following:

Press ⊙ under "EXIT" to return to the **Ready** screen and reactivate Keypad Lock. Or,

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

NOTE: If you have disabled the Message Mail notification, only ✉ displays. You will not receive the read "EXIT" or "READ" options.

Receiving Voice Mail

When you receive a new Voice Mail (see “Receiving Voice Mail Messages” on page xx), Keypad Lock will be temporarily disabled. You may perform the following:

When **New Voice Mail Waiting** displays, press ⊙ under “EXIT” to return to the **Ready** screen and reactivate Keypad Lock. Or,

Press ⊙ under “CALL” to access Voice Mail. Once you have finished, press # to exit Voice Mail, return to the **Ready** to reactivate Keypad Lock.

NOTE: If you have disabled Voice Mail notification, only the displays.

Receiving Private Calls

When you receive an incoming Private or Talkgroup call (See “Receiving a Private Call” on page xx and “Receiving Talkgroup Calls” on page xx), Keypad Lock will be temporarily disabled. Once the call is terminated, the phone will return to the **Ready** screen and reactivate Keypad Lock.

Deactivating Keypad Lock

From the **Ready** screen, press MENU, then *. The message **Keypad Unlocked** displays.

Status of Your *i*3000*plus* Phone

Your *i*3000*plus* phone has a Status Light that displays around the power button. The Status Light shows you, at a glance, the status of your connection.

Status Light Indicator	***i*3000*plus* phone status**
Flashing Red	Signing on to the network. Please wait.
Solid Red	No service or out of coverage area.
Flashing Green	In service/Ready to use. **NOTE: Private calls are not available outside of your home market area.**

Solid Green	In use.

My Information

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

- Name — enter your name in this field.
- Private ID — enter your private ID is this field. Your private ID is the number that others use to contact you using the Private feature.
- Phone Numbers of Lines 1 and 2 — your *i*3000*plus* phone's numbers are displayed in these fields. You can edit the phone number displayed in **My Information**, but this does not change your *i*3000*plus* phone's numbers.
- IP Addresses — these fields display the IP address you use to access the internet with your *i*3000*plus* phone.
- Circuit Data Number — [user-editable???]

Viewing/Editing My Information

1	From the **Ready** screen, press MENU.
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. To return to the **Ready** screen, press under "EXIT".

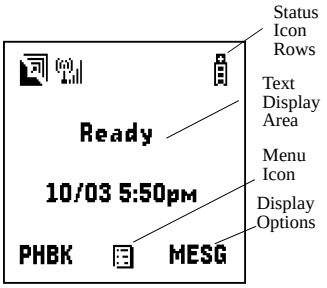
Display Essentials

Desktop Essentials

This section includes the following topics:

Ready Screen	Page 27
Navigating Menus and Lists	Page 28
Main Menu Options	Page 29

Ready Screen



After powering on the phone, the **Ready** screen displays.

The **Ready** screen's display consists of:

- status and application icon rows
- text display area
- menu icon
- display options

Status and Application Icons

Status and application icons provide you with information about your *i*3000*plus* phone and its functions. These icons are *context sensitive*; meaning, the icons that appear depend on the task you are performing.

Text Display Area

In the **Ready** screen, the text displayed in this area is determined by your wireless communications provider. When you access other screens, this area displays menu options, messages, names, phone numbers, and other information.

This number of lines of text displayed in the text display area at one time depends on which view is selected — Standard view, Compress view, and Zoom view. In Standard view, seven lines of text are displayed.

NOTE: Unless otherwise noted, illustrations in this User's Guide depict Standard view.

Menu Icon

This menu icon appears on any screen from which a menu can be accessed. To access a menu, press the menu key on your *i*3000*plus* phone's keypad. This key has the menu icon printed on it.

The menu that appears depends on the screen you access it from. Pressing the menu key from the **Ready** screen access the main menu.

Display Options

Two display options appear at the bottom of the Ready screen. You activate these option by pressing the option keys adjacent to them. By default, the Phonebook (**PHBK**) and Messages (**MESG**) display option appear on the **Ready** screen. You can control which display options appear on the **Ready** screen using the *i*3000*plus* phone's Personalize feature (see xxxx on page xxx).

Navigating Menus and Lists

The *i*3000*plus* phone is menu driven. By navigating a master menu "tree," you access submenus which lead to all of the functions and rich features that are built into your *i*3000*plus* phone. Use the menus to store calls, locate and launch the built-in Personal Information Manager (PIM) applications such as Datebook, change your *i*3000*plus* phone settings, browse the Internet, and more.

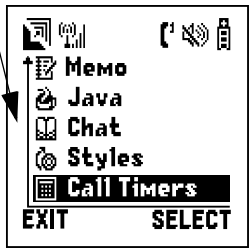
Some features of the phone includes list of names, numbers, or other information. These list items can be accessed the same way menu options are.

To access the items in a menu or list, scroll through it using the four-way navigation key near the center of your phone's keypad. Scroll down by pressing the lower edge of the navigation key. Scroll up by pressing the up edge of the navigation key. Holding down the appropriate part of the navigation key speeds up scrolling.

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 option may be accessed by scrolling up or down.

Down Arrow

Up Arrow



To exit the Main Menu (and return to the **Ready** screen), press under "EXIT". To choose the Main Menu selection, press under "SELECT".

Main Menu Options

By default, the main menu options appear in the order shown in this table. You can change the order in which they appear by using the *i*3000*plus* phone's Personalize feature (see xxxx on page xxx).

Menu Item	Use to ...
Recent Calls	Access a list of numbers that you recently sent calls to or received calls from. These numbers can be used to make calls.
Call Forward	Settings for forwarding calls in various situations.
Phonebook	Store and retrieve a list of stored entries for calling, editing, viewing and deleting.
Datebook	Schedule and organize events, by the day or the month, such as appointments and meetings.
Messages	Receive, store, access and manage Voice Mail; Message Mail; and Net Mail message.
Settings	Access and manage: Ring/Vibrate; Phone Setup; Voice Volume; Talkgroup Settings; In-Call Setup; Security; Personalize, and Initial Setup.
Memo	Input and store digits or text for later use.
Voice Notes	Record personal messages or incoming voice calls (phone, private, talkgroup) to play back at a later time.
Java	Download and integrate new applications to the phone menu.
Browser	Browse the internet.
My Information	View the private ID, phone number for lines 1 and 2, IP address, and circuit data number of your phone.
Shortcuts	Associate a main menu option with a number on the alphanumeric keypad for easy access.
Styles	Create or edit a group of settings and save them as one.

Call Timers	Display the length of time spent on the last phone call, phone timer, dispatch timer, life timer, circuit data timer and Kilobytes sent and received.

Digital Cellular

The *i*3000*plus* phone enables you to make and receive domestic and international phone calls, make emergency calls, and be notified of a missed call.

This section includes the following:

Making Phone Calls	Page 31
Emergency Calling	Page 35
Receiving a Phone Call	Page 35
Ending a Phone Call	Page 35
Recent Calls	Page 35
Call Timers	Page 37
Hands-Free Speakerphone	Page 37
Call Waiting	Page 37
Call Hold	Page 39
Three-Way Calling	Page 39
Call Forwarding	Page 40
Additional Phone Services	Page 43

Making Phone Calls

Your *i*3000*plus* phone provides the following features for making phone calls:

- Direct dial
- Phonebook
- Recent Calls
- Speed dial
- Turbo dial

- Voice tags
- Automatic redail

Using Direct Dial

1	From the **Ready** screen, use the keypad to enter the number you want to call.
2	Press to place the call.
3	Press to end the call.

If you make a mistake:

To Clear One Digit	To Clear All Digits	To Cancel
Press under "DELETE" one time	Press and hold under "DELETE"	Press

Making Calls from the Phonebook

After you have entered phone numbers in to your Phonebook, you can use these number to make phone calls. For information on entering numbers into your phonebook, see xxxxx on Page xx.

When making calls for the Phonebook, you can scroll through all the names in your Phonebook to the name associate with the number you want to call, or search for the name associate with the number you want to call.

1	From **Ready** screen, press MENU, then press to scroll to **Phonebook**. Press under "SELECT".
2	Press to scroll through all the names in your Phonebook, or use the alphanumeric keypad to enter a letter and press to scroll through all 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 through the icons representing the number's stored for that person, or press under VIEW to view all the numbers stored for this person and then press to scroll to the number you want to call. (For more information and assigning more than one number to one person, see xxxxx on page xx.)

4	Press to place the call.
5	Press to end the call.

Making Calls from the Recent Calls List

Your *i*3000*plus* phone stores the numbers of the last 20 calls you received or sent in the Recent Calls list.

1	From **Ready** screen, press MENU. If **Recent Calls** is not the first item on the list, press to scroll to it. Press under SELECT.
2	Press to scroll the list of recent calls.
3	Click under VIEW.
4	Press to place the call.
5	Press to end the call.

Using Speed Dial

The Speed Dial feature assigns a number to each phone number stored in your Phonebook (see xxx on page xx). You can then dial the phone number using its Speed Dial number.

1	From the **Ready** screen, enter the Speed Dial number assigned to phone number you want to call.
2	Press #.
3	Press to place the call.
4	Press to end the call.

Using Turbo Dial

Turbo Dial allows you to call any of the first nine entries in your Phonebook (see xxx on page xx) by pressing and holding the corresponding numeric key.

	Press and hold a number (keys 1 through 9). The phone chirps before dialing the pre-set phone number.

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

Voice Tags

After you a voice tag for a phone number in your Phonebook, you can use this voice tag to call the number.

1	From **Ready** screen, press and hold .
2	Speaking into the microphone, say the voice tag assigned to the phone number you want to call.
3	Your phone will play the name back to you. If no key is pressed within five seconds of this, the call will be made.

Automatic Redial

Press to redial the last number you called.

Placing International Phone Calls

When dialing internationally, you can either enter the international access code directly (011 in the United States) or use “Plus Dialing”.

NOTE: Your phone’s default is “International Calls Restricted.” Therefore, you must call Customer Care at 1-800-639-6111 to obtain international dialing access.

Plus Dialing

This feature enables you to place an international call from most countries—without entering the local international access code.

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, and phone number.
3	Press .

Emergency Calling

Your *i*3000*plus* phone fully supports emergency calling. Emergency calls can be made even when the SIM card is blocked.

To place a call in an emergency, dial 911. 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 any call can be made, including 911 emergency calls. For more information please contact your service provider.

Special Dialing Codes

Receiving a Phone Call

When you receive an incoming call indicated by a ring, vibration or backlight illumination. Press to answer the call.

Ending a Phone Call

Press to hang up.

Recent Calls

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

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

Viewing Recent Calls

To view your Recent Call list:

1. From **Ready** screen, press MENU. If **Recent Calls** is not the first item on the list, press to scroll to it. Press under SELECT.

2	Press to scroll the list of recent calls.

If the phone number of the recent call is stored in your Phonebook, the name associated with the phone number appears on the Recent Call list. A letter appears to the right of the name or number indicating the type of recent call: the letter *i* indicates an incoming call; the letter *o* indicates; the letter *m* indicates a missed call. Missed calls appear on your Recent Calls list only if you have Caller ID.

Getting Detailed Information About Recent Calls

To get more information about a recent call:

1	With the call you want more information about highlighted, press MENU to access the **Calls Menu**.
2	Press under VIEW.

The screen that appears displays information such as the name oscillated with the phone number of the recent call and the date, time, and duration of the call.

Storing a Number From the Recent Call List

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

1	From the screen showing detailed information about the recent call whose number you want to store, press MENU to access the **Calls Menu**.
2	Press under STORE.

Calling From the Recent Call List

See *"Making Calls from the Recent Calls List" on page 33*.

Deleting Recent Calls

[?????????]

Call Timers

Call Timers provide you with the timers for the last phone, private, or group call, total of all phone calls, private calls, and/or group calls, a odometer of all calls, circuit data timer and Kilobytes sent/received.

To view timers:

1	From the **Ready** screen, press MENU.
2	Press to scroll to **Call Timers**.
3	Press under SELECT.

Hands-Free Speakerphone

The *i*3000*plus* phone provides the convenience of a hands-free speakerphone for holding impromptu meetings or placing safer phone calls.

During speakerphone operation, you may either speak or listen, but you cannot do both at the same time.

To use the speakerphone:

Press under SPKR. The SPKR option flashes while the speakerphone is on.

NOTE: The SPKR option is available whenever you are on an active call.

NOTE: If there is background noise in your area, you may have difficulty hearing a caller's voice or messages.

HINT: To listen only, press under "Mute". The display shows "Phone MUTE", indicating that the microphone is muted.

While the microphone is muted, you can hear incoming audio, but a caller cannot hear any speech coming from your *i*3000*plus* phone.

To speak, press under "MUTE" again. "Phone Mute" no longer displays, indicating that the microphone is on.

Call Waiting

Call Waiting allows you to receive a second call while you are talking on the phone. With the *i*3000*plus* 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:

- **Hear** a tone; and
- **See** a message on your display informing you of another incoming call.

At that point, select one of the following options and follow the related instructions.

Accepting Calls

Press under YES.

Switching Between Calls

Press under HOLD. Your phone will refer to the first call as Call-1 and the second call as Call-2. If call 1 is on hold, your display will read: **Call 1 - Hold 7035551234**.

Declining Calls

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

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 **Ready** screen, press MENU. 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 hang up.

Call Hold

When you are on an active call, you can place the call on hold and make a second call from your second line. The options 3WAY and HOLD appear only when you are on an active call.

1	To place the active call on hold, press under HOLD.
2	Place the second call.
3	Press under HOLD to toggle between calls.

Three-Way Calling

Using Three-Way Calling, you can combine two ongoing phone calls into one conversation. This option is available only when you initiate the second call. When you place or receive a phone call, a 3WAY option appears in the bottom left-hand corner of the display screen.

To make a three-way call:

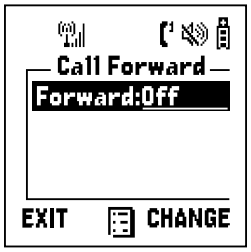
1	Place or receive a phone call.
2	Press under "3WAY" to place the first call on hold.
3	Enter the phone number for the second individual you want to call and press .
4	After you reach the second individual, press under "3WAY". Both numbers will appear on your display.

Call Forwarding

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

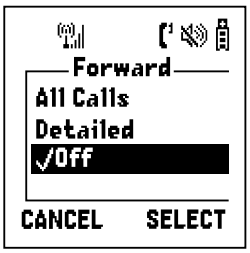
- **All Calls** — When this option is turned on, all calls will be sent automatically to a number you specify.
- **Detailed** — Choosing this option enables you to forward calls you missed to different numbers depending on why you missed each call:
  - **Busy** — Sends calls made to your phone when your phone is engaged in other activities to a number you specify.
  - **No Answer** — Sends calls you do not answer to a number you specify. The phone will ring 4 times before forwarding the call.
  - **Unreachable** — Sends calls made to your phone when your phone is not on the network to number a specify. This includes calls made when the phone is powered off.
- **Off —** No calls are forwarded.

Turning On Call Forwarding

1	Press MENU, then press to scroll to **Call Forward**.	
2	Press under SELECT.	
3	In the **Call Forward** screen, press under CHANGE.	
4	If you want to forward all calls, press to scroll to **All Calls** and press under SELECT. If you want to forward calls when only **Busy**, **No Answer**, or **Unreachable**, press to scroll to **Detailed** and press under SELECT.	
5	In the **Call Forward** screen, press to scroll to the appropriate field and enter the call-forward number. When finished, press under DONE.	

Your calls will now be forwarded to the number that you selected and you will see the Call Forward icon (U or X) with the forwarded line number on your screen. You can forward Line 1 and Line 2 independently.

Turning Off Call Forwarding

1	Press MENU, then press to scroll to **Call Forward**.	
2	Press under SELECT.	
3	In the **Call Forward** screen, press under CHANGE.	
4	Press to scroll to **Off** and press under SELECT.	

Additional Phone Services

In addition to the Standard Features that are included for all Digital Cellular Subscribers, there are also several features that are available at an additional monthly or per-use fee

Caller ID

If you subscribe to Caller ID, your *i*3000*plus* phone automatically displays the phone number and/or name 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 is not available in all areas.

Displaying the Caller's Name

A caller's name is displayed if you have entered the person's number into your Phonebook (see Phonebook on page xx). Otherwise, the caller's phone number will be displayed.

Alternate Line Service

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

- Line 2 shares the same Voice Mailbox with Line 1; there is only one monthly charge.
- You cannot forward Line 2 to Line 1 and have the phone ring; the call transfers to Voice Mail.
- Text and Numeric Messaging is not available on Line 2.

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

- Call Forwarding
- Ring/Vibe
- In Call Setup
- Call Timers

Selecting the Alternate Line

At the **Carrier Ready** screen:

1	Press MENU, then press to scroll to **Settings**. Press under SELECT.	
2	Press to scroll to Phone Setup. Press under SELECT.	
3	With the current line highlighted, press under CHANGE.	
4	Press to scroll to the desired line and press under SELECT.	
5	Press under BACK.	

Receiving Calls on Your Alternate Line

You can receive calls on either line, regardless of the active line setting.

- If the call is on the same line as the currently active line, the Active Line Indicator flashes.
- If the call is on the line that is not currently active, the Active Line Indicator remains lit and the other line number icon flashes.

Accepting Calls

Press ⊙ under YES to answer the call on the other line. Your original call will be placed on hold.
Press ⊙ under “HOLD” to toggle between calls. When both calls end, the phone remains active in the last line selected.

Declining Calls

Press ⊙ under “NO”. If you are a Voice Mail customer, the call will be forwarded to your Voice Mailbox.

Call Restrictions

You can prevent your phone from making or receiving specific types of calls. Directory Assistance

Nationwide White Page Listings, Yellow Page Listings and Call Completion are available by dialing 411 or (area code)-555-1212.

White Page Listings

You can request the telephone number for any person, business or government agency in the Continental United States plus Hawaii.

Yellow Page Listings

By providing basic information such as city and type of business, you can find a company anywhere in the Continental United States plus Hawaii.

Nationwide Call Completion

Operators will connect you to the listing you requested. There are no additional charges beyond normal airtime costs for this service (airtime will count against your bucket of minutes; overage charges will apply if the bucket of minutes has been exhausted). If you prefer, the operator will stay on the line while connecting to the number.

In the event you need another listing, you can return to an operator at any time during the call by pressing *. By pressing # you can hear the phone number dialed.

Private Calls

Private Calls

Private Calls are a way to communicate with your co-workers and clients...for a fraction of the cost of traditional cellular calls.

You may want to talk to a co-worker right away, but you don't want to page that person or leave a lengthy message. With the Private Call feature, you can find them wherever they are in your home coverage area.

Or, maybe you need to communicate a last-minute schedule change to your sales people... all 100 of them. It's easy with Private Calls's Group Call. This digital two-way radio feature lets you contact all of them at once!

NOTE: Private Calls® will only work in your home market area.

This section includes everything you will need to know to take advantage of Private Calls (two-way radio) service:

Private Calls	Page 49
Call Alerts	Page 51
Group Calls	Page 53

Private Calls

There are two ways to reach an individual using Private Calls. You can enter the person's Private ID number then press the Push-To-Talk (PTT) button. Or, you can store the person's name and private ID number, then recall the number from your Phonebook. Whether you dial the person's Private ID directly or store it in your Phonebook — you must have the individual's Private ID to use Private Calls. To learn how to store names and numbers, see "Phonebook" on page xx.

Making Private Calls from the Keypad

1	Enter the Private ID of the person you are trying to call.
2	Press and hold the 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 Calls from the Phonebook

1	From the **Ready** screen, press MENU.
2	Press to scroll to the **Phonebook**. Press under SELECT.
3	From the **Phonebook** screen, press or to scroll through the names until the desired name is highlighted.
4	Press and hold the PTT button on the side of the phone. Begin talking after the phone emits a chirping sound.
5	Release the PTT button to listen.

Making Private Calls from the Recent Call List

1	From the **Ready** screen, press MENU.
2	Press to scroll to the **Recent Calls**. Press under SELECT".
3	From the **Recent Calls** screen, press or to scroll through the names and numbers until the desired name is highlighted.
4	Press and hold the PTT button on the side of the phone. Begin talking after the phone emits a chirping sound.
5	Release the PTT button to listen.

Receiving a Private Call

When you receive a private call, your phone emits a chirping sound and **Private in Use** appears on the screen. The private ID and the name of the caller (if stored in your Phonebook) displays. Press and hold the PTT button to talk and release it to listen.

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.
2	Press • under ALERT.
3	Press and hold the PTT button until **Alert-Sent Successful** displays. The receiving phone will alert intermittently until the user of the phone clears it.

Placing a Call Alert from the Phonebook

1	From the **Ready** screen, press MENU.
2	Press to scroll down to the **Phonebook** menu. Press • under SELECT.
3	From the **Phonebook** screen, press to scroll to the Phonebook entry for the person you want to alert.
4	Press • under ALERT.
5	Press and hold the PTT button until **Alert-Sent Successful** displays. The alert plays intermittently until the individual clears it.

Ready to Alert Screen

Ready to Alert is used to confirm the alert and prompt you to push the PTT button.

- If you press • under CANCEL, the phone returns to the **Dial** screen with the previously entered number displayed.
- If you press the PTT button, the call alert is sent, and the phone display goes to **Recent Calls** screen.

- If you do nothing, the phone will revert to the **Ready** screen after five seconds.

Receiving Call Alerts

When you receive a call alert, your phone emits a chirp and displays the name or number of the caller. You can answer, queue, or clear the call alert.

- To answer a call alert, press the PTT button.
- To queue a call alert, press under QUEUE.
- To clear the call alert, press under CLEAR.

Call Alert Queue

Call alert queuing enables you to save call alerts in a queue or list.

Accessing the Call Alert Queue

1	From the **Ready** screen, press MENU.
2	Press to scroll to **Call Alert Queue**.
3	Press under SELECT.

Sending a Call Alert From the Queue

1	From the **Call Alert Queue** screen, press to scroll down to the desired entry.
2	Press under ALERT.

Deleting a Call Alert From the Queue

1	From the Call Alert Queue screen, press MENU.
2	Press to scroll to DELETE.
3	Press to SELECT.
4	When the confirmation screen appears, press under YES to delete the entry.

Group Calls

In a Group call, you can communicate instantly with a group of people that you have previously set up as a Talkgroup. Your Service Provider must set up your Talkgroup 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 *i*3000*plus* phone (see *"Naming a Talkgroup" on page xx*).

Talkgroups appear on your display as numbers or programmed names such as SALES TEAM or Talkgrp 5. Your i3000plus Phone can store up to 30 Talkgroups. You can receive Group calls only in the Talkgroups that you have been provisioned for the system.

Naming a Talkgroup

1	From the **Ready** screen, press MENU.
2	Press to scroll to **Phonebook**.
3	Press under SELECT.
4	Press to scroll to New Entry. The **Entry Details** screen displays.
5	Press under SELECT.
6	Enter the information as you would any other Phonebook entry. (See Phonebook on page xx.) When you get to **Type**, make sure that you select **Talkgroup**.
7	Enter the Talkgroup number, for example: 127.
8	When you have completed the **Entry Details**, press under DONE.

Making Talkgroup Calls from the Keypad

1	Press # key and then the Talkgroup number of the group that you want to call.
2	Press and hold the PTT button on the side of the phone 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 Talkgroup Call from the Phonebook

1	From the **Phonebook** screen, press to scroll to the name of the Talkgroup to call.

2	Press and hold the PTT button on the side of the phone 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 Talkgroup Call from the Recent Call List

1	From the **Recent Call** screen, press to scroll to the name of the Talkgroup to call.
2	Press and hold the PTT button on the side of the phone 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.

Receiving Talkgroup Calls

When you receive an incoming Talkgroup Call, you will hear a chirp.

1	Wait for the caller to finish speaking.
2	Press and hold the PTT button to talk. Release the PTT button to listen.

Group-Silent Programming

Group-Silent Programming enables you to silence incoming Group alerts and communication.

Turning Group-Silent On/Off

1	From the Ready screen, press MENU.
2	Press to scroll to **Setting**. 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.

7 Press ⊙ under BACK.

Mail Services

Your *i*3000*plus* phone offers two choices in Messaging Services -- Voice Mail, Text and Numeric Paging, and Net Mail.

The main topics covered in this section are listed below:

Message Center	page xx
Voice Mail	page xx
Net Mail	page xx
Message Mail	page xx

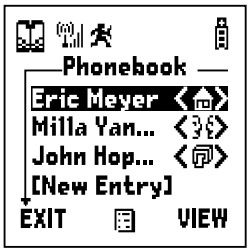
Message Center

The message center consists of all the Messaging Services and is broken down by folders such as Voice mail, Net Mail, and Message Mail (Text and Numeric Paging).

Phonebook

Your Phonebook

The Phonebook allows you to store to 350 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 SIM-compatible GSM/iDEN phone, you then access information in your Phonebook from that phone.

This section includes:

Your Phonebook	Page 59
Phonebook Lists	Page 59
Phonebook Icons	Page 61
Voice Tags	Page 62
Accessing Your Phonebook	Page 62
About Phonebook Entries	Page 62
Viewing Phonebook Entries	Page 63
Sorting Phonebook Entries	Page 63
Adding Phonebook Entries	Page 64
Editing Phonebook Entries	Page 69
Deleting Phonebook Entries	Page 69
Pause Digit Entry	Page 69
Plus Dialing	Page 70
Address Book	Page 70

Phonebook Lists

The information in your Phonebook is stored in two lists: the Expanded List and the Simple List. Each list stores information differently.

Together, these lists store up to 350 phone numbers. Each number has a Speed Dial number associated with it according to its location in the Phonebook.

Speed Dial Numbers

Each number stored in your Phonebook is automatically assigned a Speed Dial number that corresponds to its location in your Phonebook. Your Phonebook has locations for 350 phone number. 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 350.

Expanded List

Your Phonebook's Expanded List can store multiple phone numbers to a single name. For example, you can enter someone's name into you Phonebook once and then assign that person's home, office, and fax numbers to the name.

The information on your Phonebook's Expanded List can be accessed from your SIM card using other *i*3000*plus* phones.

Your Phonebook's Expanded List stores up to 250 entries using with Speed Dial location 1 through 250. Each phone number uses one Speed Dial location, even if it is assigned to the same name as other phone numbers.

Simple List

Your Phonebook's Simple List stores one phone number to each name on the list. To store multiple phone number for a single name, you must enter that name for each number.

The information on your Phonebook's Simple List can be accessed from your SIM card using any SIM-compatible GSM/iDEN phone.

Your Phonebook's Simple List stores up to 100 entries using Speed Dial locations 251 through 350.

Phonebook Icons

Icons that appear to the right of entries in your Phonebook convey information about those entries.

Most Phonebook icons indicated a phone number's type. When you enter a phone number in your Phonebook, you can designate the phone number's type using any of the following icons:

	Main
	Home
	Private
	Work
	Mobile
	Fax
	Pager
	Talkgroup
	Chat
	Other Phone

NOTE: The Main icon automatically appears to the right of the first phone number assigned to a name unless you choose another icon.

For more information on entering phone numbers into you Phonebook, see xxxx on page xx.

This icon, called a "picker," appearing to the right or on both sides of one the phone number type icons above indicates multiple phone numbers stored under one name:

>	one picker
< >	two pickers

See xxxx on page xx for more information on storing more than one phone number under one name.

This icon appearing to the left of one of the phone number type icons indicates that a voice tag is associated with the Phonebook entry:

	voice tag

See xxxx on page xx for more information on voice tags.

Voice Tags

A voice tag is a audio recording you make by speaking into your *i*3000*plus* phone and assign to a Phonebook entry. You can then access the Phonebook entry by speaking the words you recording into the phone.

Your phone can store up to 20 voice tags.

Accessing Your Phonebook

To access your Phonebook:

1	From the **Ready** screen, press MENU.
2	Press to scroll to **Phonebook**.
3	Press under SELECT.

Or, if PHBK is one of your display options (this is the factory default):

1	From the **Ready** screen, press under SELECT.

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

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 phone number you are storing in the Phonebook.
- The type of number to be stored: **Main**, **Private**, **Home**, **Work**, **Mobile**, **Fax**, **Pager**, **Talkgroup**, **Chat**, and **Other**. If you don't choose a type, the number is assigned type Main, unless a Main number has already been assigned to the name.
- The phone number (may be a Private ID or Talkgroup number) to be stored. Every Phonebook entry must contain a phone number.
- A Speed Dial number. You may accept the default Speed Dial Number or assign a different one.

- A voice tag audio recording. This field is optional.

Viewing Phonebook Entries

1	From the **Phonebook** screen, press to scroll through the Phonebook entries.
2	To view the highlighted number, press under VIEW.

Names with more than one number assigned to them appear with > to the right of the icon or < > surrounding the icon to the right of the name. For example, the entry for Joe Smith's home phone number would look like this:

Joe Smith <⌂>

When the name is highlighted, pressing (the left or right side of the four-way navigation key) displays the icons representing each of the numbers assigned to that name.

To view any of the phone numbers assign to a name:

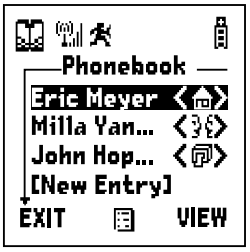
1	From the **Phonebook** screen, press to scroll to the name associated with the phone number you want to see.
2	Press view the icons representing the phone numbers assigned to that name.
3	When the icon representing the number you want to view is displayed, press under VIEW.

Sorting Phonebook Entries

You can sort your Phonebook entries by:

- **Name** — the name you entered for the entry.
- **Speed No.** — the Speed Dial location of the entry.
- **Voice Name** — [????????????]

To sort your Phonebook list:

1	From the **Phonebook** screen, Press MENU to view the **Phonebook Menu** screen. 
2	Press to scroll to **Sort By**.
3	Press under SELECT.
4	Press to scroll to desired sorting method: **Name**, **Speed No.**, or **Voice Name**.
5	Press under SELECT.

Adding Phonebook Entries

Using the following instructions, you will enter the information in the order the items appear on the Phonebook's **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 any item any item blank or unchanged by pressing to scroll past it on the **Entry Details** screen. Only a phone number is required for a valid Phonebook entry.

After you have entered a phone number and any other information you wish to include, you can press under DONE to complete the Phonebook entry.

To add a Phonebook entry:

1 Access the **Entry Details** screen:.

From the **Phonebook** screen, press to scroll to **[New Entry]** and press under SELECT

Or,

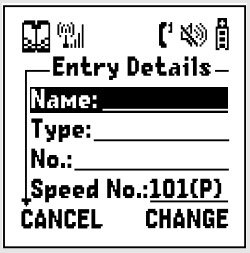
From the **Phonebook** screen, press MENU. Then press to scroll to **NEW** and press under SELECT.

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.

As you type, you can delete a letter by pressing under DELETE. To create a space, press once.



When you are finished, press under OK.

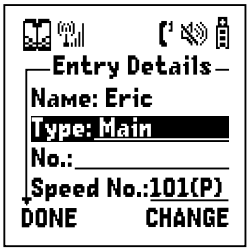
The **Entry Details** screen returns with the **Type:** field highlighted.

3 If you want to assign a phone number type other than **Main** to your Phonebook entry:

With the **Type:** field highlighted, press ⊙ under CHANGE.

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

Press ⊙ under SELECT.



The **Entry Details** screen returns with the **No.** field highlighted.

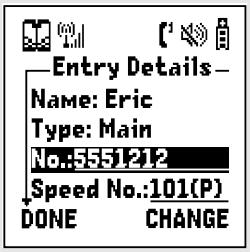
4 Assign a phone number to your Phonebook entry:.

With the **No.:** field highlighted, press ⊙ under CHANGE.

Type the number using the alphanumeric keypad.

To delete a number press ⊙ under DELETE.

When you are finished, press ⊙ under OK.



The **Entry Details** screen returns with the **Speed No.** field highlighted.

5 The default Speed Dial number assigned to the Phonebook entry is displayed in the **Speed No.** field. This is always the next available Speed Dial location in the Extended List.

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

With the **Speed No.:** field highlighted, press ⊙ under CHANGE.

Type the number using the alphanumeric keypad. To delete a number press ⊙ under DELETE.

Choose a number between 1 and 250 to assign the phone number to a Speed Dial location on the Extended List. Choose a number between 250 and 350 to assign the phone number to a Speed Dial location on the Simple List.

When you are finished, press ⊙ under OK.

6 If you want to assign a voice tag to the phone book entry:

With the **Voice Name:** field highlighted, press ⊙ under RECORD.

As directed by the screen prompts, the say and repeat name you want to assign to the **Phonebook** entry. Speak clearly into the phone microphone.

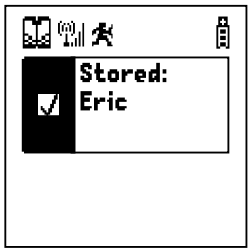
An icon appears in the **Voice Name:** field indicating that the Voice Name has been recorded.

7 If you want to store more phone numbers with the name associated with this Phonebook entry:

Press to scroll to **MORE** at the bottom of the **Entry Details** screen and then press ⊙ under SELECT.

Enter the information for the additional phone number, starting with the phone number type.

8 When you have enter all the information you wanted in this Phonebook entry, press ⊙ under DONE.



Editing Phonebook Entries

1	From the **Phonebook** screen, press to scroll to the entry you want to edit.
2	Press MENU to view the **Phonebook Menu** for that entry.
3	Press to scroll to **Edit**.
4	Press under SELECT. The **Entry Details** screen displays.
5	Follow the instructions in *"Adding Phonebook Entries" on page 64*, omitting step 1, to edit the various fields.

Deleting Phonebook Entries

1	From the **Phonebook** screen, press to scroll to the entry you want to delete.
2	Press MENU to view the **Phonebook Menu** for that entry.
3	Press to scroll to **Delete Name** or **Delete Number**. **Delete Name** 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. Press to scroll through the icons.
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 that it will not only dial a number but also pause and enter another series of numbers such as a personal identification number (PIN) or password. This feature is particularly useful for automated services such as voice mail and banking systems.

Here's how it works. Let's say you have a company voice mail account that you frequently check while travelling. And, to access that account you must do the following:

- Dial your work number;
- Press # while the voice mail greeting is being played; and
- Enter your PIN to access your messages.

You can program your *i*3000*plus* phone to enter all of the above information for you. All you have to do is separate each entry with a pause. If you were to program your phone to automatically input the above information, 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.

You can use this feature not only to enter PINs and passwords but also to have the phone automatically select menu options (i.e., press 1 to hear messages).

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 numbers/characters in a single entry, stored or dialed.

NOTE: If you use a system that will not let you enter an option until the automated message has played in its entirety, you can program your phone to pause for more than 3 seconds. For example, 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—without entering the local international access code. First you must store a Phonebook list entry. Begin by following the instructions for *"Adding Phonebook Entries" on page 64*. Before you type the phone number to be stored:

1	Press and hold 0 key 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, and phone number.
3	Follow the rest of the instructions for Adding Phonebook Entries.

Address Book

PIM Tools

With your *i*3000*plus* phone's Personal Information Management (PIM) Tools, you don't have to worry about missing appointments or losing important notes. Your phone can synchronize with certain software applications to ensure that you always stay on top of your appointments.

This section includes:

Datebook	Page 71
Locking/Unlocking a VoiceNote	Page 80
VoiceNotes	Page 79

Datebook

The Datebook is a calender that enables you to schedule and organize events, such as appointments and meetings. Schedules can be created and viewed for specific days, and reminder alarms can be set so that you never miss important events.

You can view upcoming events by week or by day. The Datebook stores and manages 250 events over a 13-month period (12 months ahead and 1 month back).

Datebook Icons

There are several icons commonly used in the Datebook application:

Symbol	Alarm Set
•	Event without a time of day
>	More options are available
↺	Recurring Appointment
⊡	Datebook Alarm

Viewing Your Datebook

To access your Datebook:

1	From the **Ready** screen, press MENU.
2	Press to scroll to **Datebook**.
3	Press under SELECT.

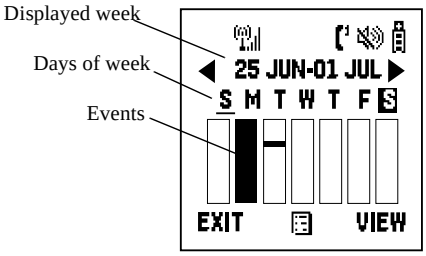
Information in your Datebook can be viewed in three ways: by the week, by the month, or by the event.

This information is structured hierarchically. When you access the Datebook, it displays a week. You can select a day to view and display the events of that day. When they events of a day are displayed, you can select an event to view and display details of that event.

Viewing a Week

When you access your Datebook, the current week is displayed.

The dates of the displayed week appear at the top of the text area of your phones screen.



Below the dates are letters indicating the days of the week. When you access your Datebook, the current day is highlighted. You can scroll to other days and other weeks by pressing .

Below each letter is a 12-hour time window for each day. A small bar between the letter and the time window indicates an event on that day that does not have a time of day associated with it, such as a birthday. Scheduled events are shown within the time window in black.

Viewing a Day

To view a day in your Datebook:

1	With a week displayed, select the day you want to view by pressing until the letter for that day is highlighted.
2	Press under VIEW.

The day and date appear at the top of the text display area. Titles of the events for the day selected are listed by time. Events without times are displayed at the top of the list with a bullet to the left of them.

Viewing Event Details

To view the details of an event:

1	Select and view the day containing the event you want to view.
2	Press to scroll to the event.
3	Press under VIEW.

This displays event details such as day of week, time, title, duration, alarm time, and repeat cycle. For more information about events, see xxxxx.

Viewing Today

You can easily go to the current day when viewing your Datebook:

1	While viewing any week, day, or event, press MENU. This displays the **Datebook Menu** with **Go to Today** highlighted.
2	Press under VIEW.

If you were previously viewing a day or event, the screen displays the current day. If you were previously viewing a week, the screen displays the current week with today highlighted.

About Datebook Events

Each Datebook event may contain the following information:

- The title you assign to the event. You can enter a title using the phone's alphanumeric keypad or choose from a list of commonly used titles. A title is required for every event.
- Addition text of any kind following the event's title.
- The start time and duration of the event.
- An option to repeat the event in your Datebook.
- An alarm to notify you of the event before it begins.
- [Style???????]

Adding New Events

Using the following instructions, you will enter the information in the order the items appear on the **Event Details** screen. However, you can enter this information in any order by pressing to scroll through the items on the **Event Details** screen. You can leave any item blank or unchanged by pressing to scroll past it on the **Event Details** screen. Only a title and a date required for a valid event; a date is supplied by default.

To add a Datebook event:

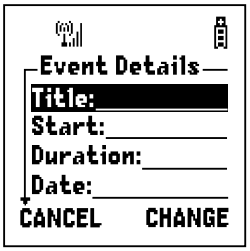
1 Access the **Event Details** screen:

While viewing the Datebook, press MENU to view the **Datebook Menu** screen.

Press to scroll to **New**.

Press under SELECT.

The **Event Details** screen displays with the **Title:** field highlighted.



2 With the **Title:** field highlighted, press under CHANGE to access the **Title:** screen.

3 Assign a title to the event:

Press under BROWSE to choose from a list commonly used event titles.

Or,

Type the title using the alphanumeric keypad.

You also type a description of the appointment of any other text. You can view this text later by accessing the event's **Title:** screen.

As you type, you can delete a letter by pressing under DELETE. To create a space, press once.

When you are finished, press under OK.

The **Event Details** screen returns with the **Start:** field highlighted.

4	If you want to assign a time of day to the event: With the **Start:** field highlighted, press ⊙ under CHANGE. From the **Start:** screen, enter the time the event will begin. Type in the start time, or press ⊙ to scroll through the hours, minutes, and am, pm, or 24 hour clock. Press the ⊙ under the insert icon to move through the fields. Press ⊙ under DONE. The **Event Details** screen returns with the **Duration:** field highlighted.
5	After you have assigned a start time to the event, you can specify the duration of the event: With the **Duration:** field highlighted, press ⊙ under CHANGE. From the **Duration:** screen, press ⊙ to scroll to the desired duration. If you select **None**, the event will have a duration of zero minutes. Press ⊙ under SELECT. The **Event Details** screen returns with the **Date:** field highlighted.
6	The default date assign to an event is the day selected when you accessed the **Event Details** screen to add the event to the Datebook. With the **Date:** field highlighted, press ⊙ under CHANGE. From the **Date:** screen, enter the date of the event. Type in the date, or press ⊙ to scroll through the months, days, and years. Press the ⊙ under the insert icon to move through the fields. Press ⊙ under DONE. The **Event Details** screen returns with the **Repeat:** field highlighted.

7 If you want the event to recur in your Datebook, assign a repeat cycle to it:

With the **Repeat:** field highlighted, press ⊙ under CHANGE.

From the **Repeat:** screen, press ⊕ to scroll to the desired repeat cycle.

Press ⊙ under DONE.

The **Event Details** screen returns with the **RepeatEnd:** field highlighted.

Press ⊙ under CHANGE. and enter the date on which you want to event to stop repeating. When you have finished, press ⊙ under DONE.

The **Event Details** screen returns with the **Alarm:** field highlighted.

8 If you want to set an alarm to remind you that the event is approaching:

With the **Alarm:** field is highlighted, press ⊙ under CHANGE.

From the **Alarm:** screen, press ⊕ to scroll to the desired alarm option.

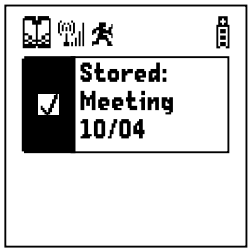
Press ⊙ under SELECT.

From the **Alarm:** screen, press ⊕ to scroll to the desired alarm option.

Press ⊙ under DONE.

NOTE: The alarm will only work with phones that have the "Time and Date" feature. This is not available in all areas.

9 When you have enter all the desired information about the event, press ⊙ under DONE.



Editing Events

1	Select the even you want to edit: View the day containing the even and highlight the event. Or, View the details of the event you want to edit.
2	Press MENU to display the **Datebook Menu**.
3	Press to scroll to **Edit** and press under SELECT.
4	Follow the instructions in *"Adding New Events" on page 74*, omitting step 1, to edit the various fields.

Deleting Events

1	Select the even you want to delete: View the day containing the even and highlight the event. Or, View the details of the event you want to delete.
2	Press MENU. The **Datebook Menu** displays.
3	Press to scroll to **Delete** and press under SELECT.
4	A confirmation screen appears. Press under YES to confirm.

Memo

The Memo application provides you with a place to store numeric notes.

Adding a New Memo

1	From the **Ready** screen, press MENU.
2	Press to scroll to Memo.
3	Press under “SELECT”.
4	Type in your memo using the phone’s keypad
5	Press under “STORE”.

Viewing Memos

1	From the **Ready** screen, press MENU.
2	Press to scroll to Memo.
3	Press under “SELECT”.
4	Press MENU to view the **Memo Menu** screen.

Editing Memos

1	From the **Ready** screen, press MENU.
2	Press to scroll to Memo.
3	Press under “SELECT”.
4	Type the new number.
5	Press under “STORE”.

Deleting Memos

1	From the **Ready** screen, press MENU.
2	Press to scroll to Memo.
3	Press under “SELECT”.
4	Press under “DELETE”.

VoiceNotes

The VoiceNotes feature enables you to record personal messages or incoming voice calls to play back at a later time. VoiceNotes are stored by the time and date that the VoiceNote is created. A VoiceNote is a type of Voice Tag. Your phone can store up to 20 Voice Tags.

To access the VoiceNotes feature:

1	From the **Ready** screen, press MENU.
2	Press to scroll to **VoiceNotes**.
3	Press under SELECT.

Recording a New VoiceNote

1	From the **VoiceNotes** screen, press to scroll to **[New VoiceNote]**.
2	Press under RECORD and speak the message you want to record into the microphone.
3	When you are finished recording your Voice Note, press under STOP.

Playing a VoiceNote

1	From the **VoiceNotes** screen, press to scroll to VoiceNote you want to play.
2	Press under PLAY.

Deleting a VoiceNote

1	From the **VoiceNotes** screen, press to scroll to VoiceNote you want to delete.
2	Press MENU to view the **VoiceNotes Menu**.
3	Press to scroll to **Delete** and press under SELECT.
4	A confirmation screen appears. Press under YES to confirm.

Locking/Unlocking a VoiceNote

1	From the **VoiceNotes** screen, press to scroll to VoiceNote you want to lock or unlock.
2	Press MENU to view the **VoiceNotes Menu**.
3	Press to scroll to **Lock** or **Unlock**.
4	Press to SELECT. A confirmation screen displays.

Synchronizing

Your phone can synchronize with certain software applications to ensure that you always stay on top of your appointments. Synchronizing refers to your

phones ability to exchange data with a personal computer (PC) application. The ability to synchronize ensures that all your various calendar programs always have the most up-to-date scheduled events.

K-Java

This section includes:

K-Java	Page 83

Calculator

The Calculator application enables you to calculate simple arithmetic expressions. The Calculator application supports standard add/subtract/multiply/divide functions, and also Clear, Delete, Plus/Minus, and Invert.

1	From the **Ready** screen, press MENU, then press to scroll to “K-Java”. Press under “SELECT”.
2	Press to scroll to “Calculator”. Press under “SELECT”.
3	Press to highlight numbers and the built-in functions. Press to “SELECT”.

Customizing the *i*3000*plus* Phone

This section includes everything you will need to know to customize your *i*3000*plus* phone:

Changing the Display Language	Page 85
Setting the Time and Date	Page 86
Backlight Timer	Page 87
Setting the Ringer Volume	Page 88
Selecting a Ring Style	Page 88
Setting the VibraCall® Feature	Page 90
Shortcuts	Page 90
Styles	Page 94

Changing the Display Language

You can customize the *i*3000*plus* phone to display menus in English, Spanish, French, or Portuguese. The default language is English. To change the display language:

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Settings”.
3	Press under “SELECT”.
4	Press to scroll to “Initial Setup”.
5	Press under “SELECT”.
6	Press to scroll to “Language”.
7	Press under “CHANGE”.

8	Press to scroll to highlight the desired language.
9	Press under “SELECT”.
10	A confirmation screen displays.

Setting the Time and Date

NOTE: The Time and Date may not be available in your area and may not appear on your display. Please contact your Service Provider. Once this feature becomes available, your *i3000plus* phone will automatically display the local time and date.

You have a choice of a 12- or a 24-hour clock format, as shown in the table below:

12-Hour Display	12:00 am	6:25 am	12:00 pm	10:25 pm
24-Hour Display	00:00	06:25	12:00	22:25

You have a choice of either a MM/DD (month/day) or a DD/MM (day/month) date format as shown in the table below.

Date	Month/Day Format (MM/DD)	Day/Month Format (DD/MM)
January 2nd	01/02	02/01
December 31st	12/31	31/12

To set the time and date format once this feature is activated, follow the steps below:

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Settings”.
3	Press under “SELECT”.
4	Press to scroll to “Initial Setup”.

5	Press ⊙ under “SELECT”. “Time/Date Format” is the first line item of the **Initial Setup** menu.
6	Press ⊙ under “SELECT”.
7	Press ⊙ to scroll to either: • Time Format -- Enables you to change the Time format • Date Format -- Enables you to change the Date format • Display: On -- Enables you to disable/enable the Time/Date display
8	Press ⊙ under “CHANGE”.
9	Press ⊙ to scroll to the desired Time/Date/Display option.
10	Press ⊙ under “SELECT”.
11	A confirmation screen displays.

Backlight Timer

Your phone’s backlight is what illuminates the display when you, for example, first receive or make calls. You can customize the amount of time that your backlight remains illuminated, either 5, 10, 20, or 30 seconds. Additionally, you can set your backlight to remain illuminated continuously or turn it off completely.

1	From the **Ready** screen, press MENU.
2	Press ⊙ to scroll to “Settings”.
3	Press ⊙ under “SELECT”.
4	Press ⊙ to scroll to “Initial Setup”.
5	Press ⊙ under “SELECT”.
6	Press ⊙ to scroll to “Backlight”.

7	Press ⊙ under “CHANGE”.
8	Press ⊙ to scroll to the desired amount of time that your backlight will remain illuminated after any given activity.
9	Press ⊙ under “SELECT”.
10	A confirmation screen displays.

Setting the Ringer Volume

You can adjust the ringer volume for all your incoming alerts.

1	From the **Ready** screen, press MENU.
2	Press ⊙ to scroll to “Settings”.
3	Press ⊙ under “SELECT”. “Ring/Vibrate” is the first line item of the **Settings** menu.
4	Press ⊙ under “SELECT”. “Ring Volume” is the first line item of the **Ring/Vibe** menu.
5	Press ⊙ under “CHANGE”.
6	Press ⊙ to select a volume level. Or, use the Volume Control keys on the side of your phone or press the number key representing the desired volume level.
7	Press ⊙ under “OK”.
8	A confirmation screen displays.

Selecting a Ring Style

With your *i*3000*plus* phone, you have a choice on how you’d like to be notified of incoming phone calls, direct connect calls, text and numeric pages, etc... Your phone has nine (pre-set) selectable ring styles, plus vibrate and silent notification. You can set up each type of incoming notification to a different style. Users with Alternate Line Service can

use the same ring style or different ring styles for each phone line, so you can tell which line is ringing.

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Settings”.
3	Press under “SELECT”. “Ring/Vibrate” is the first line item of the **Settings** menu.
4	Press to scroll to the “Style” option.
5	Press under “CHANGE”.
6	Press to scroll to the desired ring style.
7	Press under “SELECT”.
8	A confirmation screen displays.

Setting the VibraCall® Feature

The VibraCall® alert is a vibration alert system that notifies you of incoming Phone, Private, or Group calls and messages by a repetitive vibration rather than a ring. You can select this alert system for all incoming calls/messages, or individual services.

NOTE: When you set vibration alerts, they are set only for the current line. If you have a second phone line, you must select "Line 2" and repeat the procedure for selecting all services or individual services to vibrate.

VibraCall Settings	What this setting does
Vibrate Alert	Vibrates for all incoming calls and messages. —Vibrate All appears on the display. —Speaker Off appears on the display to remind you that the audio will be heard through the earpiece instead of the speaker.
Phone Vibrate	Vibrates only for incoming phone and data calls.
Phone Vibrate/ Ring	Vibrates and rings for phone calls and online data calls.
Mail Vibe	Vibrates for Message Mail and Net alerts.
Group/Prvt Vibe	Vibrates for incoming group and private calls.

Shortcuts

Shortcuts are a way you "mark" frequently-used menus for quick and easy access. For example, if you set the ringer style often, marking the "Ring/Vibe" setting as a Shortcut allows you to quickly navigate to that menu.

Creating a Shortcut

1	Navigate to the menu item to which you want to create a shortcut. For example, if you wanted to create a shortcut to **Datebook**, from the **Ready** screen press MENU, then press to scroll to "Datebook".
2	Press and hold MENU for about 2 seconds.

3	A screen displays showing the assigned shortcut number. If you want to change the shortcut number, press the desired number on your keypad.
4	Press ⊙ under “OK”.
5	A confirmation screen displays.

Using Shortcuts

1	From the **Ready** screen, press MENU.
2	Press the assigned Shortcut number within 2 seconds.

Shortcut Menu

The Shortcut Menu enables you to manage your shortcuts with the following options.

New	Displays the text file describing how to assign a Shortcut.
Edit	Displays Shortcut Editor to edit a Shortcut name and key number.
Delete	To delete any highlighted Shortcut.
Delete All	To delete all stored Shortcuts.

To access the **Shortcut** menu:

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Shortcuts”.
3	Press under “SELECT”.
4	Press MENU. The **Shortcut Menu** displays.

Editing Shortcuts

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Shortcuts”.
3	Press under “SELECT”.
4	Press to scroll to desired shortcut.
5	Press MENU. The **Shortcut Menu** displays.
6	Press to scroll to “Edit”.

7	Press ⊙ under “SELECT”. Change Shortcut information as desired.

Deleting Shortcuts

1	From the **Ready** screen, press MENU.
2	Press ⊙ to scroll to “Shortcuts”.
3	Press ⊙ under “SELECT”.
4	Press ⊙ to scroll to desired shortcut.
5	Press MENU. The **Shortcut Menu** displays.
6	Press ⊙ to scroll to “DELETE” if just deleting the selected shortcut. Scroll to “DELETE ALL” if deleting ALL shortcuts.
7	Press ⊙ under “YES” to confirm.
8	A confirmation screen displays.

Styles

The “Styles” menu lets you create or edit a group of settings and save them as one. Use the Styles Menu manage the following:

Ring/Vibe	Ring options for incoming calls -- ring style, vibrate options, and silent alerts.
Backlight	Duration that display remains illuminated -- 5, 10, 20, or 30 seconds, continuous, or off.
Font Size	Display font -- standard, zoom, or compressed.
Auto Answer	Automatic answer of incoming phone calls.

Accessing Styles

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Styles”.
3	Press under “SELECT”.
4	Press MENU. The **Styles Menu** displays all stored Styles.

Creating/Editing a Style

1	From the **Ready** screen, press MENU.
2	Press to scroll to “Styles”.
3	Press under “SELECT”.
4	Press MENU. The **Styles Menu** displays all stored Styles.
5	Press to scroll to desired Style. Or, scroll to “New Style” to create a new style.

6	Press ⊙ under “SELECT”. If creating a New Style, you must first name it before going to the next step. Use your keypad to name the style and press ⊙ under “OK” when finished.
7	Press ⊙ to scroll to the various Style options.
8	Press ⊙ under “CHANGE” to edit the highlighted Style option.
9	After all Style options are selected, press ⊙ under “DONE” to store the style.
10	A confirmation menu displays.

Accessories

This section includes the following topics:

Wearable Carrying Solutions	page 97
Batteries	page 99
Travel Chargers	page 100
Vehicle Power Adapter (Car Charger)	page 102
Dual-Pocket Desktop Charger	page 103
Headsets	page 104
Car Kits	page 104
Data Accessories	page 108

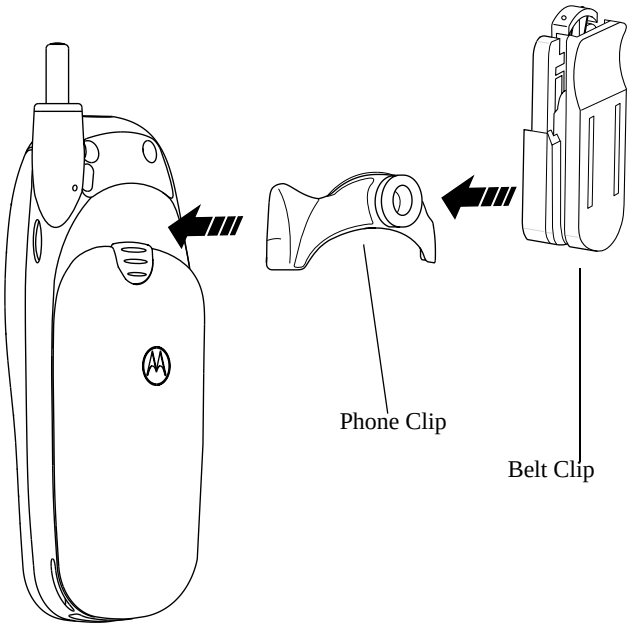
Wearable Carrying Solutions

Leather Carry Case

The NTN9478 (or NTN9479) Leather Carry Case with belt clip allows for easy attachment to a belt or purse. This case accommodates *i*3000*plus* phone travel chargers, audio accessories, car accessories, and all battery types.

Swivel Carry Clip

The NTN9475 Carry Clip provides a convenient means by which to carry your *i*3000*plus* phone with you. It consists of the Phone Clip and the Belt Clip.



Using the Carry Clip

1	Attach the Phone Clip to the *i*3000*plus* phone.
2	Attach the Belt Clip to the Phone Clip as illustrated in the picture above
3	Attach the Carry Clip (Phone Clip and Belt Clip) to your belt
4	To release phone from belt clip, push the button on the top of the belt clip.

Batteries

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

NOTE: Prolonged charging is not recommended. For battery charging guidelines, see Table below.

Charging Lithium Ion Batteries

Table 1 provides the approximate time to fully charge a battery using a Motorola iDEN Approved Lithium Ion battery charger.

Table 1: Battery Charging Times

MOTOROLA BATTERIES		Charging Time to 100%	
Kit Number	**Description/ Chemistry**	**Rapid Charger**	**Mid-Rate Charger**
SNN5704A	Slim Li Ion Polymer	2 hour 10 minutes	4 hours 20 minutes
SNN5705A	High Performance Li Ion	2 Hours	6 hours
SNN5706A	Extra Capacity Li Ion	2 Hours 20 Minutes	7 hours 50 minutes
SNN5716A	Maximum Capacity Li Ion	3 Hours	9 hours 30 minutes

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

For optimal battery life, use a Motorola iDEN Approved Lithium Ion battery charger with your Motorola iDEN Lithium Ion battery. Other chargers may not fully charge your Lithium Ion battery.

Battery Operating Instructions

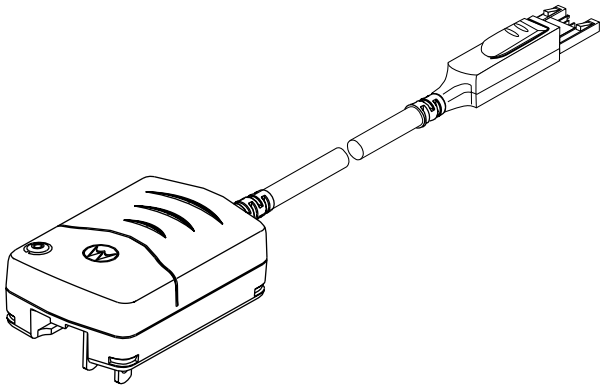
- Extreme temperatures will degrade battery performance. Do not store your battery where temperatures exceed 60°C (140°F) or fall below -20°C (4°F).
- This Lithium Ion battery has a self discharge rate and without use, will lose about 1% of its charge per day.
- The battery capacity will be degraded if stored for long periods while fully charged. If long term storage is required, store at half capacity.
- The Motorola iDEN Approved Lithium Ion chargers will provide optimum performance. Other chargers may not fully charge your iDEN Lithium Ion battery or may yield reduced number of lifetime charge cycles.
- If the battery appears inoperative, the internal protection circuitry may have been activated. Remove the battery from the phone and put it into the charger for several minutes to reset the circuitry.
- When batteries are not in use, always store them in the plastic safety tray.

Travel Chargers

Using one of Travel Chargers listed below, you can charge a battery from an AC outlet. On one end of the Travel 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	
Kit Number	**Description**
SPN4940	Mid-Rate Multi-Voltage Travel Charger
SPN4716	Rapid Multi-Voltage Travel Charger
SPN4808	Mid-Rate Economy Travel Charger

NOTE: Additional adaptor plugs to accommodate various International power outlets can be purchased separately (SYN7456, SYN7455, SYN8127, SYN7461, SYN7460).



Using the Travel Charger

1	While holding the *i*3000*plus* phone with its keypad facing up, insert the accessory connector (with the Motorola logo facing you) into the bottom of the *i*3000*plus* phone until you hear a click.
2	If you have either the Mid-Rate Multi-Voltage Travel Charger or the Rapid Multi-Voltage Travel Charger, flip open the prongs, and plug the Travel Charger transformer into an AC wall outlet. Or If you have the Mid-Rate Economy Travel Charger, plug the Travel Charger transformer into an AC wall outlet.

Multi-Voltage Travel Charger Operating Specifications

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

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

Economy Travel Charger (U.S. Only)

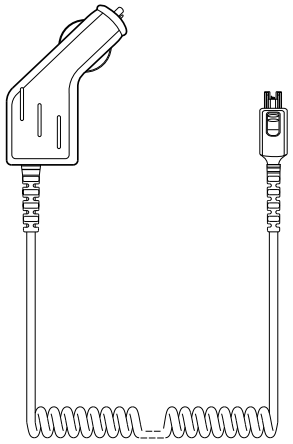
Input voltage range: 90-120 VAC @60Hz.

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

Vehicle Power Adapter

The SYN7818 Vehicle Power Adapter (Car Charger) provides power to the phone and charges the phone's Lithium Ion battery.

The power light (green LED) will light when the adaptor is receiving power.



Using the Vehicle Power Adapter

1	While holding the *i*3000*plus* phone with its keypad facing up, insert the accessory connector (with the Motorola logo facing you) into the bottom of the *i*3000*plus* phone until you hear a click.
2	Plug the vehicle power adapter into the cigarette lighter/power receptacle. The power light (green LED) will come on.
3	The *i*3000*plus* phone may be turned off, turned on, or in use.

Removing the Vehicle Power Adapter

1	Unplug the vehicle power adapter from the vehicle's cigarette lighter/power receptacle.
2	Press the button on the accessory connector.
3	Pull the accessory connector from the bottom of the *i*3000*plus* phone.

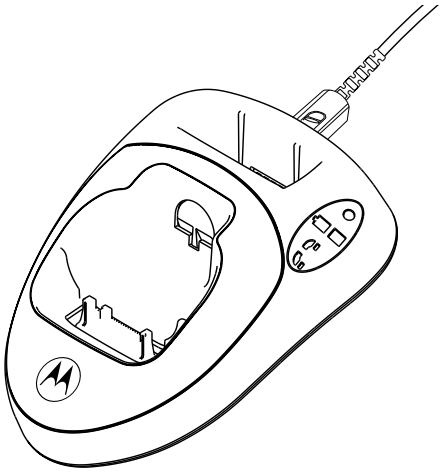
Vehicle Power Adapter Operating Specifications

Operating voltage range: 13.8 - 33 Vdc.

Operating temperature range: -30°C to +60°C

Dual-Pocket Desktop Charger

The NTN9568 Dual-Pocket Desktop Charger charges Motorola authorized batteries, as listed on page 99, for the *i*3000*plus* phone.



NOTE: Compatible with Rapid Travel Charger only

1	Plug the flat end of the power-supply cord, with the Ⓜ logo facing up, into the back of the charger.
2	Plug the transformer end of the power-supply cord into any standard AC wall outlet.
3	Insert an *i*3000*plus* phone with an attached battery, into the charger's front pocket. This is done by inserting the bottom of the *i*3000*plus* phone into the pin connector in the bottom of the charger's front pocket.

NOTE: Please see the label on the bottom of your Dual-Pocket Desktop Charger for more information regarding battery charging status.

Headsets

Headset offer complete hands-free support.

Item Number	Description
NTN8367	Privacy Earpiece and microphone
NTN8497	Lightweight over the ear headset with boom mic
NTN8496	Lightweight headset with microphone
NTN8513	Adjustable headset
SYN8608	Hearing aid neckloop kit

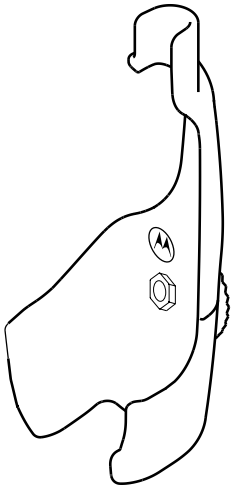
Attaching/Detaching the Earpiece Microphone

1	Insert the plug of the headset cord into the jack on the side of the phone.
2	Pull on the plug, not the cord, to disconnect the headset.

Car Kits

Dash Mount Holder

The Dash Mount Holder (NTN9476) provides a convenient holder for your *i*3000*plus* phone. The Dash Mount Holder can be installed either horizontally or vertically.



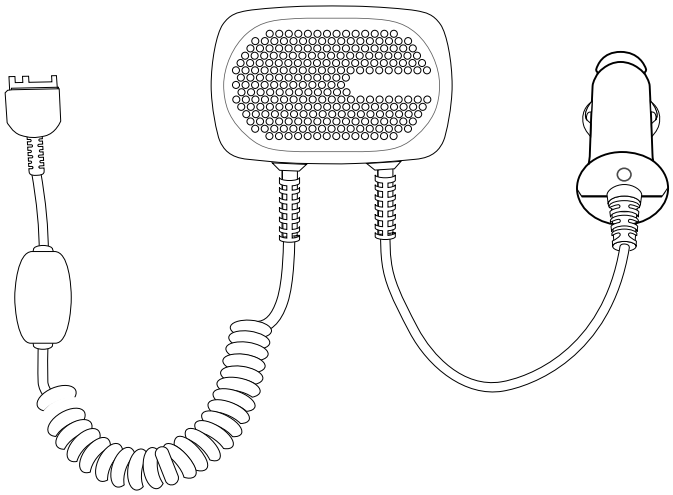
Caution	**Do not place the dash mount holder over the air bag or in the air bag deployment area.**

Using the Dash Mount Holder

1	Mount the Dash Mount Holder to the dash of your vehicle by securing the four self-tapping screws to the base of the holder. Or, for a semi-permanent installation, use an adhesive strip.
2	Snap your phone securely into the holder.

Hands-Free Car Kit

NOTE: The use of wireless devices and their accessories ("devices") may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.



The NTN1796 Hands-Free Car Kit enables in-vehicle communications by providing a built-in speaker, a power supply for the phone's internal battery charger, hands-free visor microphone, and an external Push-To-Talk (PTT) switch.

Using the Hands-Free Car Kit

1	Hold the *i*3000*plus* phone with its keypad facing up. Insert the accessory connector (with the Motorola logo facing you) into the bottom of the phone until it clicks into place.
2	Plug the Hands-Free Car Kit's Vehicle Power Adapter into the cigarette lighter/power receptacle.

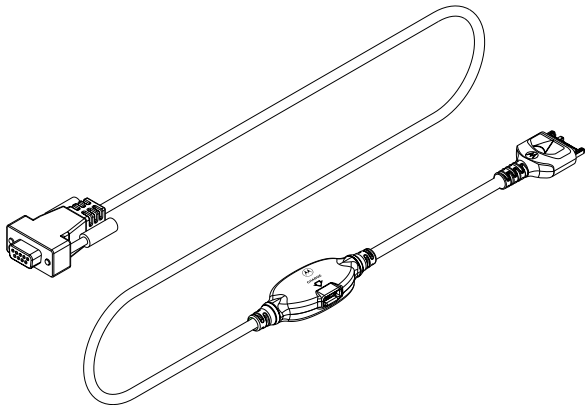
3	Selecting the correct position for the hands-free visor microphone is vital for the performance of the hands-free circuitry. It is recommended that the microphone be mounted either on the sun visor directly above (and facing) the driver, or on the headliner just above (and facing) the driver. **The visor microphone:** • Should NOT be located within 12 inches of the speaker box. • Should never be mounted near the vehicle's window, or in a spot where road and ambient noise are substantially high. • Should be mounted so that it does not come into contact with the air bag, or interfere with air bag deployment.
4	Turn on your *i*3000*plus* phone.
5	Adjust the speaker volume using the volume control buttons on your *i*3000*plus* phone.

Removing the Hands-Free Car Kit

1	Push the button on the accessory connector and remove the connector from the phone.

Data Accessories

The RS232 Data Cable (NKN6544)



Using the Data Cable

1	
2	
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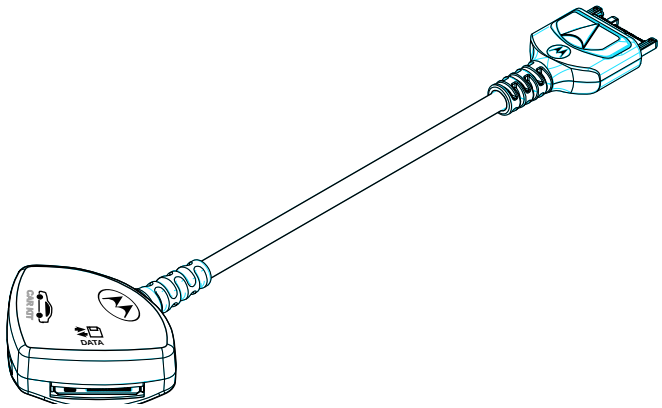
4	

Y-Cable

The NKN6540 cable allows for audio or charging accessories to be used while simultaneously performing data operations.



Using the Y-Cable

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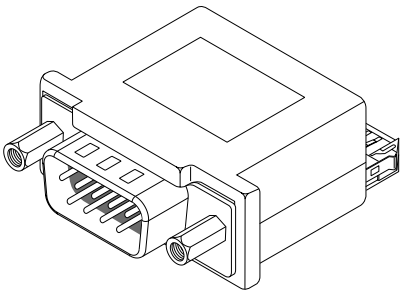
2	

PDA Converter Plugs

The Palm III/VII Adapter (NKN6546), the Palm V Adapter (NKN6547), or the generic PDA Adapter (NTN8993) can be used with your *i*3000*plus* phone.



Using the Palm Converter Plug

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2	

Other Important Information

This section includes the following topics:

Understanding Status Messages	Page 111
Safety and General Information	Page 113
Limited Warranty Motorola Communication Products	Page 127
Patent and Trademark Information	Page 131

Understanding Status Messages

You may receive status messages under certain conditions. Before contacting your carrier, 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
Number Not in Service	The number that you entered is not valid.
User Not Available	The phone that you called is either busy, out-of-range, or turned off. Please try again later.
User Not Authorized	The party that you called has not purchased this service.
Please Try Later	This service is temporarily not available. Please try again later.
User Busy in Private	The phone that you called is busy in a Private call.
User Busy in Data	The phone that you called is busy in a dial-up call.
Service Restricted	This service was restricted by your service provider, this service was not purchased, or the *i*3000*plus* phone has detected the presence of a network that is not part of the your carrier's service.
Service Not Available	This feature is not available on the current network.
System Busy Try Later	The system is experiencing heavy traffic. Please try again later.

Status Messages	Message Description
Service Conflict	This service cannot be enabled because an incompatible service has already been turned on.
Please Try Again	An error occurred. Note the error code and try again.
Self Check Error	A fault was detected with your phone. If this error recurs, note the error code and contact Customer Care.
Self Check Fail	An operational fault was detected with your phone. Note the numeric code, turn your phone off, and contact Customer Care.
PIN Blocked Call Your Provider	The incorrect PIN was entered three consecutive times. You will be unable to send or receive call on your *i*3000*plus* phone. Call your service provider to have them obtain the PIN Unblocked Key (PUK) code.
Insert SIM	Your SIM Card is not being detected. Please check to ensure that you have inserted the SIM Card.
Check SIM Card	Please check your SIM Card to make sure it has been inserted properly.
Wrong PIN	You have entered an incorrect PIN number.
Wrong Code	Your phone will not accept a non-carrier SIM card.

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.

Exposure To Radio Frequency Energy

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

- 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
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom, 1995
- 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 1999 (applicable to wireless phones only)

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:

Portable Radio Product Operation and EME Exposure

Antenna Care

Use only the supplied or an approved antenna. Unauthorized replacement 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.

Phone Operation

When placing or receiving a phone call, or using the group and private call functions with a Group/Private Speaker OFF (muted speaker icon visible in the display), 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 while making group or private calls with the Group/ Private Speaker ON (no speaker icon visible in the display), **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 supplied or approved clip, holster, case harness, or body harness**. Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, ensure the antenna and the radio product is at least one inch (2.5cm) from your body when transmitting.**

Data operation

When using any data feature of the radio product, with or without an accessory cable, **position the antenna and the radio product is at least one inch (2.5 cm) from the body**.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, visit our website at www.mot.com/iden, or look in the accessory section of this manual.

THIS MODEL PHONE MEETS 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 is 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 1.36 W/kg and when tested on the body, as described in this user guide, is 0.46 W/kg during voice transmission using Phone Mode and 1.00 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 or 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 AZ489FT5799.

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.

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* 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 Health Industry Manufacturers Association 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 the independent research by, and recommendations of, Wireless Technology Research.

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 external 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.

Operational Warnings

WARNING

For Vehicles Equipped 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. An air bag inflates 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 (for example, Factory Mutual 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.

When the battery is detached from the radio product, your batteries are packed with a protective battery cover. Please use this cover for storing your batteries when not in use.

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 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 and battery dry 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.

WARNING

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.

- 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.

Limited Warranty Motorola Communication Products

N O T E :	This Warranty applies within the fifty (50) united states and the District of Columbia

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:

iDEN Subscriber Digital Mobile and Portable Units	**One (1) Year**
Product Accessories	**One (1) Year**

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, INLCUDING 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.

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.

c. Freight costs to the repair depot.

d. 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.

e. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.

f. 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.

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

Limited Warranty Motorola Communication Products (international)

N O T E :	This Warranty applies in Singapore and the Philippines.

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:

iDEN Subscriber Digital Mobile and Portable Units	**One (1) Year**
Product Accessories (manufactured by or under license from MOTOROLA)	**One (1) Year**

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, INLCUDING 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.

c. Freight costs to the repair depot.

d. 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.

e. Scratches or other cosmetic damage to Product surfaces that does not effect the operation of the Product.

f. Normal and customary wear and tear.

g. 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:

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 patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

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

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