

Software Version: R4C.01.02 - MS-PDGY-BER_SHELL_KEY_R13 - 06/23/06

USR Version: U4CA.06.14

CP Version: 5D.03.02

***i690* TELUS Handset User Guide**



NNTN7134A

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DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party Name: Motorola, Inc.

Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA

Phone Number: 1 (800) 453-0920

Hereby declares that the product:

Product Name: i690

Model Number: **H65XAN6RR4BN**

Conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a),
15.107(d) and section 15.109(a)

Class B Digital Device

As a personal computer peripheral, this device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

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1-888-390-6456 (TTY/TDD US for hearing impaired)
1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Getting Started

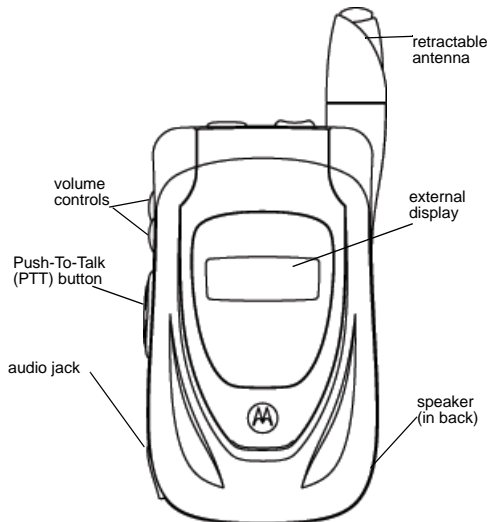
This guide is designed to help you on your way to using the i690 handset quickly and easily.

This guide contains information on:

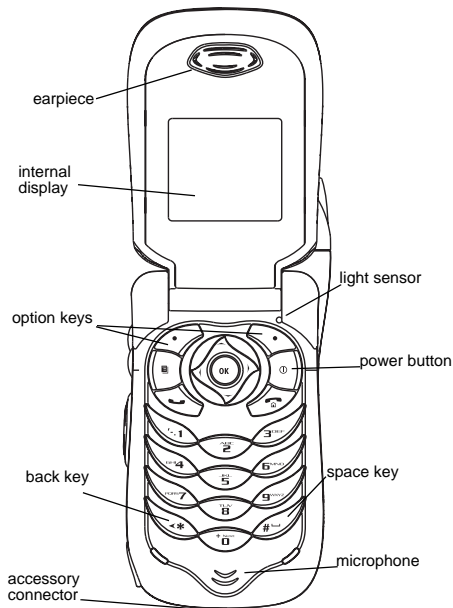
- Your i690 Handset Features and Navigation
- Basic Functions of your i690 Handset

For more information about your i690 Handset, please refer to the i690 Handset User's Guide located on the enclosed CD.

It is recommended that you read "Safety and General Information" on page 18 in this guide before using your handset.



Getting Started



Power button.



Navigation key — press the arrows to scroll through menus and lists.



OK Key — selects highlighted item; places and answers calls.



Menu Key — accesses context-sensitive menus.



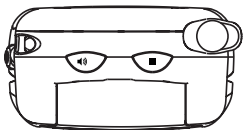
Option Key — selects the option appearing above it on the display.




Send Key — places phone calls.




End Key — ends phone calls; returns to idle screen.



Speakerphone Key — acts like  when the flip is closed; turns speakerphone on; used with voice names and voice records.



Smart Key — acts like  when the flip is closed; accesses recent calls; sends incoming calls to voice mail.

To start using your i690 handset:

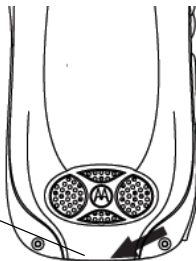
- Make sure your SIM card is in place.
- Charge the battery.
- Activate your service.

Battery

Removing the Battery Door

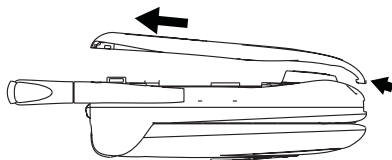
- 1 Make sure the handset is powered off. See “Powering On and Off” on page 6.
- 2 Slide the release button back until it releases the battery door.

release
button

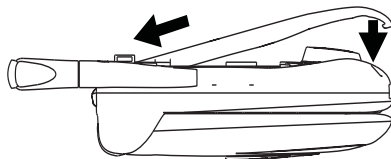


Getting Started

- 3 Allow the battery door to pop, slide it forward and remove it from the back of the handset.

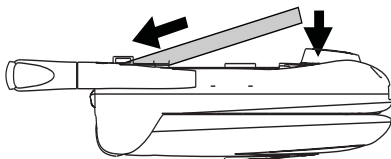


- 3 Replace the battery door and press it gently until you hear a click.



Inserting the Battery

- 1 Remove the battery door.
- 2 Insert the top of the battery into the battery area. Press the bottom of the battery down to secure it.



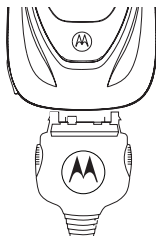
Charging the Battery

Your handset comes with a battery charger.

- 1 Plug the charger into an electrical outlet.
- 2 Locate the accessory connector.



- 3** Plug the other end of the charger into the accessory connector.



Tip: To remove the charger from the accessory connector: Press the buttons on the sides of the plug. Pull the plug straight out.

- 4** When charging the battery for the first time, charge for 30 minutes longer than the time shown in “Charging Times” on page 5.

Charging Times

Check your battery and charger type against the grid to determine the appropriate charging times.

Battery	Charger	
	Rapid	Mid-Rate
High Performance	3.5 hours	7 hours

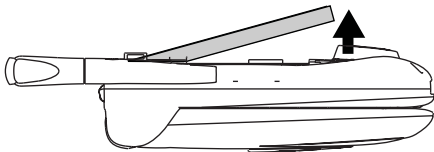
For best results, charge the batteries within the temperature range of 10°C to 40°C (50°F to 104°F).

Prolonged charging is not recommended.

Getting Started

Removing the Battery

- 1 With the handset powered off, remove the battery door.
- 2 Remove the battery by pushing it toward the antenna and lifting it out.



Battery Use and Maintenance

- The Motorola Approved Lithium Ion chargers provide optimum performance. Other chargers may not fully charge the iDEN Lithium Ion battery or may yield a reduced number of lifetime charge cycles.
- Extreme temperatures degrade battery performance. Do not store the battery where temperatures exceed 60°C (140°F) or fall below -20°C (-4°F).
- Lithium Ion batteries have a self discharge rate and without use, lose about 1% of their charge per day.

- The battery capacity is degraded if the battery is stored for long periods while fully charged. If long term storage is required, store at half capacity.

Activating your Mike Account

Before you can begin using your i690 handset, you need to activate your Subscriber Identity Module (SIM) card on The Mike Network. Your SIM card holds the information required to enable your handset to connect to The Mike Network. It also stores your user information, language preference and contact list entries.

- If you purchased your handset through an Authorized Mike Network Dealer, your SIM should already be active.
- If you purchased your handset at another location, follow the “Getting Activated” instructions in the *Mike Services User’s Guide*.

Powering On and Off

The first time you power your handset on, a screen may appear asking you to update your browser information. This means you must enable security.

To power your handset on:

- 1 Open the flip.

Finding Your Phone Number and Private ID

As your handset connects to the network, you will see a welcome message and a connecting message. When the idle screen appears, the handset is ready to use.



Finding Your Phone Number and Private ID

My Info lets you view your phone number, Private ID, and other handset information:

- 1 Press **[Menu]** to access the main menu.
- 2 Scroll to **My Info**.
- 3 Press **[Enter]**.
- 4 Scroll to see your information.

See "My Info" in the *i690 Handset User's Guide* located on the enclosed CD.

- 2 Press **[Menu]**.

Note: When powering on, if you press **[Menu]** for more than 5 seconds, you will turn on Airplane mode. See "Airplane Mode—Temporarily Turning Off Calls" in the *i690 Handset User's Guide* located on the enclosed CD.

To power your handset off:

- 1 Open the flip.
- 2 Press and hold **[Power]**.

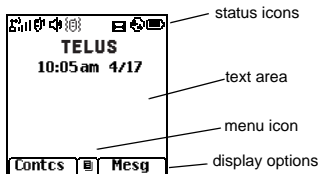
If the **Enter SIM PIN Code** screen appears, enter your SIM PIN. See "Entering the PIN" on page 12. Press **[Enter]** under **Ok**.

Note: When you receive your handset, the SIM PIN is 0000. Change your PIN to prevent fraudulent use of the SIM card (see "Changing the PIN" on page 12).

Handset Basics

Any time your handset is powered on, the display provides you with information and options.

The external display shows a shortened version of the full-sized display. To see more information, open the flip.



The screen shown above is the idle screen. The idle screen appears when your handset is on, but not engaged in any activity.

Text Area

This area displays menus, messages, names, phone numbers, and other information.

Display Options



Two display options appear at the bottom of most screens. You select a display option by pressing the option key below it.

Menus and Lists


Your handset's features are arranged in menus, submenus, and lists.

To access the items in a menu or list, scroll using the navigation key at the top of your keypad. This key lets you scroll up, down, left, or right. Holding down the appropriate part of the navigation key speeds up scrolling.

In this guide, this symbol > tells you to select a menu or list item. For example, **Settings >** **Security** means:

- 1 Scroll to **Settings** on the main menu.
- 2 Press  to see the **Settings** screen.
- 3 Scroll to **Security**.
- 4 Press  to see the **Security** screen.



OK Key

Pressing :

- Selects the highlighted menu item or list item
- Sets options

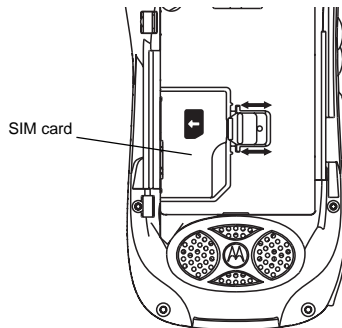
- Confirms actions
- Places and answers calls

Menu Key

Many of the handset's features have menu options that will change depending on the currently highlighted menu option. These context-sensitive menus are available any time  appears. Press  to access the menu.

Locating Your SIM Card

Your SIM (Subscriber Identity Module) card is a small piece of plastic located in the SIM card holder in the back of your handset, underneath the battery.



If your SIM card is not in the SIM card holder, it may be in the box your handset came in, attached to the SIM carrier. If this is the case, carefully detach your SIM card from the surrounding plastic and insert it as described in “Inserting Your SIM Card” on page 14.

SIM Card Security

Your SIM card stores all your Contacts information. Since this information is stored on your SIM card, not in your handset, you can remove the information by removing your SIM card.

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

To prevent unauthorized use of your handset, your SIM card can be protected by a PIN that you enter each time the handset is powered on. You can change the PIN or turn off the requirement that it be entered.


Note: Your PIN is set to OFF by default.

Entering the PIN




You may be required to enter a SIM PIN when you first use your handset.

When you receive your handset, the SIM PIN is 0000. Change your PIN to prevent fraudulent use of the SIM card.

Important: If you enter your PIN incorrectly 5 times, your SIM card is blocked. To unblock your SIM card, you must contact TELUS Mobility Client Care. See “Unblocking the PIN”.

- 1 When the **Enter SIM PIN Code** screen appears, enter your SIM PIN. An asterisk appears for each character entered.
- 2 Press  under **Ok**.

Changing the PIN

- 1 From the main menu, select **Settings > Security > Change Password > SIM PIN**.
- 2 At the **Enter Old SIM PIN** screen, enter the current SIM PIN.
- 3 Press  under **Ok**.
- 4 At the **Enter New SIM PIN** screen, enter the new 4- to 8-digit SIM PIN.
- 5 Press  under **Ok**.
- 6 At the **Re-enter New SIM PIN** screen, re-enter the new SIM PIN to confirm.
- 7 Press  under **Ok**.


Turning the PIN Requirement On and Off

When the SIM PIN requirement is on, you are prompted to enter your PIN each time you turn on your handset.

Note: If a SIM PIN is required, your handset will not function until the SIM PIN is entered, except for making emergency calls.

When the PIN requirement is off, your handset can be used without entering a PIN.

Important: When the SIM PIN requirement is off, the personal data on your SIM card is not protected. Anyone can use your handset and access your personal data.




- 1 From the main menu, select **Settings > Security > SIM PIN**.
- 2 Select **On** or **Off**.
- 3 Enter the current SIM PIN.
- 4 Press  under **Ok**.

Unblocking the PIN

If you enter your PIN incorrectly 5 times, your SIM card is blocked. To unblock your SIM card, you must contact your TELUS Mobility Client Care to get a PIN Unblock Key (PUK).

Important: If you unsuccessfully enter the PUK code 10 times, your SIM card is permanently blocked and must be replaced. If this happens, all data is lost. You will get a message to contact TELUS Mobility Client Care. Except for making emergency calls, your handset will not function with a blocked SIM card.

To unblock the PIN:

- 1 Press   .
- 2 At your TELUS Mobility representative's request, provide the information needed to give you a PUK code.
- 3 Select **Unblock PIN**.
- 4 Enter the PUK code.
- 5 Enter a new 4- to 8-digit SIM PIN.
- 6 Re-enter your SIM PIN.

If you entered the codes properly, **SIM Unlocked** appears on the display.

Getting Started

Inserting and Removing Your SIM Card

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

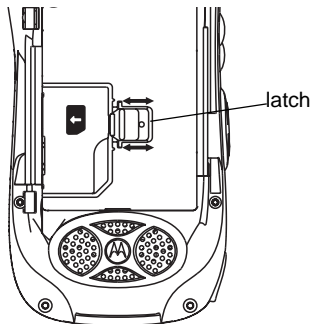
Switching SIM Cards

When you move your SIM card from one handset to another, your Contacts information will not be erased as the information is stored in the SIM. If you remove your SIM card and use it with another handset, or use another SIM card with your handset, the following information is erased:

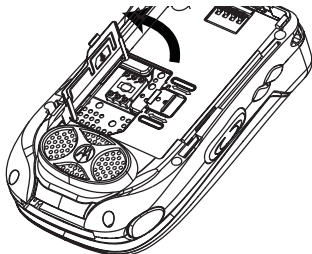
- The recent calls list
- Call forwarding settings
- Net alerts
- Information stored in Memo
- Images in My Pictures
- 3 most recent GPS Enabled locations
- Voice records
- Voice names
- Datebook events
- Options set using the Personalize menu

Inserting Your SIM Card

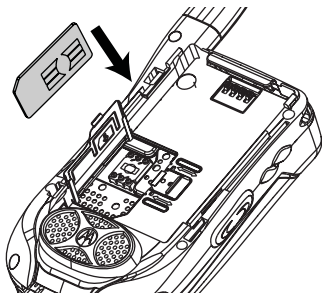
- 1 With your handset powered off, remove the back cover and battery.
- 2 Slide the latch towards the right to open the SIM card holder.



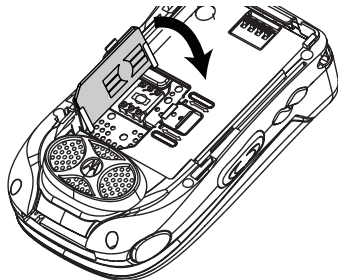
- 3** Open the SIM card holder.



- 4** Carefully slide your SIM card into the SIM card holder.



- 5** Close the SIM card holder.



- 6** Slide the latch towards the left to close the SIM card holder.

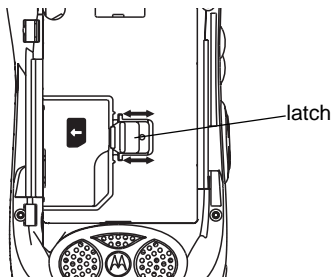
Removing Your SIM Card

Important: To avoid loss or damage, do not remove your SIM card from your handset unless absolutely necessary.

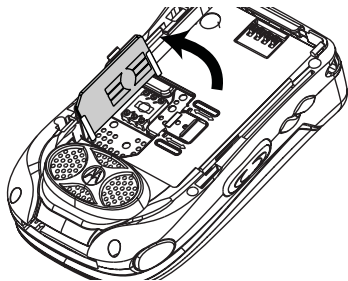
- 1** With your handset powered off, remove the back cover and battery. See "Removing the Battery" on page 6.

Getting Started

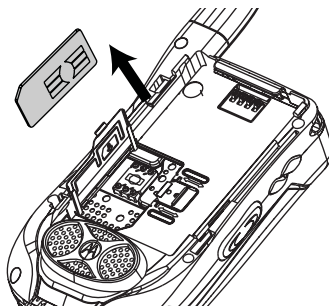
- 2 Slide the latch towards the right to open the SIM card holder.



- 3 Open the SIM card holder.



- 4 Carefully slide your SIM card out of the SIM card holder.



- 5 Close the SIM card holder.
6 Slide the latch towards the left to close the SIM card holder.

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

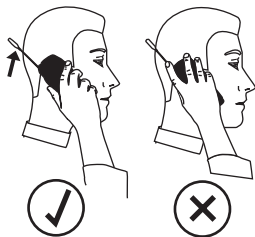
Antenna

The retractable antenna on your i690 handset is designed to be extended during calls.

To extend the antenna, pull gently on the rounded tip until the antenna is fully extended and clicks into position.

When finished with a call, retract the antenna by pushing gently on the rounded tip until the antenna clicks into place.

To optimize your handset's performance, extend the antenna when you make or receive a call, and avoid touching the antenna with any body part.



Important: Failure to fully extend or retract the antenna until the antenna clicks into place causes severely degraded performance, which may result in missed calls, dropped calls, or garbled audio.

Accessories

Your handset comes with a battery and a charger.

To order additional accessories, log on to our Web site at www.telusmobility.com or contact your Mike Dealer.

For More Information

If you have questions about your i690 handset, contact your Mike Dealer or TELUS Mobility Client Care.

Mike's Direct Connect Service

There are two ways of communicating over Mike's Direct Connect service:

- one-to-one using a private call
- one-to-many in a group call

Both of these methods are very similar to two-way radio, and at a fraction of the cost of traditional cellular. Mike's Direct Connect also offers the Call Alert feature, which gives recipients a notice, similar to a ringer, that you would like to speak to them.

One-to-One Private Calls

Making Private Calls

- 1 Enter the Private ID you want to call.
- 2 Press and hold the PTT button on the side of your phone. Begin talking after your handset emits a chirping sound.
- 3 Release the PTT button to listen.

Tip: To let someone know that you want to talk to him or her on a Private call, send a call alert. See "Call Alerts" on page 18.

Every Private ID number contains 3 parts — an area ID, a fleet ID, and a member ID — with asterisks between each of these parts. For example: 999*999*9999.




When you place a Private call, you must enter the entire Private ID number including the asterisks.

When you store a Private ID number in Contacts, include the asterisks with the entire Private ID number in case you travel with your handset, or another Private ID user, outside of your network.

From the Keypad

To enter the Private ID you want to call, press the numbers on the keypad.

If you make a mistake:

- To clear a digit, press  under **Delete**.
- To clear all digits, press and hold  under **Delete**.
- To insert or delete a digit anywhere in the string of digits you have entered, scroll left or right.
- To cancel, press .

From the Recent Calls List

The recent calls list stores the last 20 calls you made or received.

To select a Private ID from the recent calls list as the number you want to call:

- 1 From the idle screen, scroll down. **-or-**
From the main menu, select **Recent Calls**.
- 2 Scroll to the name or Private ID number you want to call.

From Contacts

If you have Private IDs stored in Contacts, you can use these numbers to make calls. For information on entering numbers into Contacts, see “Creating Entries” on page 40.

Calling from the Contacts List

- 1 From the main menu, select **Contacts**.
- 2 Scroll to the name or Private ID number you want to call.
Tip: To find Contacts entries faster, use the keypad to enter the first letter of the name.
- 3 Place the call now. **-or-**

With the Contacts type field highlighted, scroll left or right to display the Contacts type for the number you want to call.

If you are making a Private call, your handset places the call to the Private ID stored in the Contacts entry, even if the Private ID icon is not displayed.

Receiving Private Calls

When you receive a Private call, your handset emits a chirping sound or vibrates.

To answer a Private call:

- 1 Wait for the caller to finish speaking.
- 2 Press and hold the PTT button on the side of your handset. Begin talking after your handset emits a chirping sound.
- 3 Release the PTT button to listen.

One Touch PTT


One Touch PTT sets your handset to call the most recent Private ID on the recent calls list, or to a Private ID you choose, every time you press the PTT button. See “Setting One Touch PTT” below.

Setting One Touch PTT

One Touch PTT sets your handset to call the most recent Private ID on the recent calls list, or to a Private ID you choose, every time you press the PTT button.

Mike's Direct Connect Service


To set your handset to call the most recent Private ID on the recent calls list:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.
- 2 Scroll to **Last Call**.
- 3 Press .

To set your handset to call a Private ID you choose:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.
- 2 Scroll to **Assigned Number**.
- 3 To enter the number you want your handset to call every time you press the PTT button:

Enter the number using your keypad. **-or-**

Press  under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. Enter the number from Contacts, the recent calls list, or Memo, as you would when making a call.

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

- 4 Press  twice.

To turn off One Touch PTT:

- 1 From the main menu, select **Settings > 2-Way Radio > One Touch PTT**.

- 2 Scroll to **Off**.

- 3 Press .

Call Alerts


Sending a call alert lets the recipient know that you want to talk to him or her on a Private call.

When you send a call alert, the recipient's handset emits a series of beeps and displays your name or Private ID.

The recipient can:

- Answer — begin a Private call with the sender
- Queue — store the call alert to the call alert queue, which is a list of call alerts
- Clear — dismiss and delete the call alert


Sending Call Alerts


- 1 Enter the Private ID you want to send to, as you would when making a Private call.
- 2 Press  under **Alert**. **Ready to Alert** appears on the display.
- 3 Press the PTT button until **Alert Successful** appears on the display.

Receiving Call Alerts

When you receive a call alert, you must answer, queue, or clear it. You cannot receive phone calls or Private calls until you do.

To answer a call alert, press the PTT button to make a Private call to the sender.

To queue a call alert, press  under **Queue**.

To clear a call alert, press  under **Clear**.

Using the Call Alert Queue


When you queue a call alert, it remains in the call alert queue until you respond to it, or delete it.

Viewing Call Alerts

- 1 From the main menu, select **Call Alert**.
- 2 Scroll through the list.

Viewing Date and Time

To view the date and time a call alert was received:

- 1 From the main menu, select **Call Alert**.
- 2 Scroll to the call alert you want information on.
- 3 Press .
- 4 Select **View**.


Responding to Call Alerts in the Queue

After you queue a call alert, you can respond to it by making a Private call to the sender or sending a call alert to the sender. This call alert is then removed from the queue.

Making a Private Call to the Sender

- 1 From the main menu, select **Call Alert**.
- 2 Scroll to the call alert you want to respond to.
- 3 Press the PTT button to begin the call.

Sending a Call Alert to the Sender

- 1 From the main menu, select **Call Alert**.
- 2 Scroll to the call alert you want to respond to.
- 3 Press  under **Alert**. **Ready to Alert** appears on the display.
- 4 Press and hold the PTT button until **Alert Successful** appears on the display.



Note: Answering a call alert from the recent call list does not remove it from the call alert queue.

Deleting Call Alerts



To delete a call alert from the queue:

- 1 From the call alert queue, scroll to the call alert you want to delete.

Mike's Direct Connect Service



- 2 Press .
- 3 Select **Delete**.
- 4 Press  under **Yes** to confirm.

To delete all call alerts from the queue:

- 1 From the call alert queue, press .
- 2 From the call alert menu, select **Delete All**.
- 3 Press  under **Yes** to confirm.

Sorting Call Alerts

To sort call alerts by the order they were received:

- 1 From the main menu, select **Call Alert**.
- 2 Press .
- 3 Select **Sort By**.
- 4 Scroll to **First on Top** or **Last on Top**.
- 5 Press  under **Select**.

One-to-Many Group Calls

A group call is a type of dispatch call made to all members of a Talkgroup at once. A Talkgroup is a group of Private IDs.



To receive group calls made to a Talkgroup, you must join the Talkgroup. See “Joining a Talkgroup”.

Joining a Talkgroup


Your Mike sales representative creates Talkgroups for you and assigns each Talkgroup to a Talkgroup number. You can choose a name for each of your Talkgroups when you create entries for them in Contacts.

To receive group calls made to a Talkgroup, you must join the Talkgroup. You can belong to only one Talkgroup at a time. When you join a new Talkgroup, you no longer belong to your previous Talkgroup.

To join a Talkgroup:

- 1 Press . Then enter the Talkgroup number using the keypad. **-or-**
Choose the Talkgroup name from Contacts or recent calls list.
- 2 Press  under **Join**.

Making Group Calls

- 1 Press . Then enter the Talkgroup number using the keypad. **-or-**
Choose the Talkgroup name from Contacts or the recent calls list.
- 2 Proceed as if making a Private call.



Receiving Group Calls

To answer a group call:

Proceed as if answering a Private call. Only one person at a time may speak on a group call.

Turning off Group Calls

To control whether you hear group calls to your Talkgroup:

- 1 From the main menu, select **Settings > 2-Way Radio > Tkgrp Silent**.
- 2 Press .
- 3 Scroll to **On** if you do not want to hear group calls to your Talkgroup. **-or-**
Scroll to **Off** if you want to hear group calls to your Talkgroup.
- 4 Press .

Mike's Talk Around™

Note: Mike's Talk Around is a subscription feature. See your Mike dealer for more information.

Mike's Talk Around allows direct two-way handset-to-handset communications between two or more handsets equipped for Mike's Talk Around. You can make and receive Mike's Talk Around calls even when network service is not available. You can talk to anyone on your code and channel within your range.

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

Mike's Talk Around allows you to:

- Use code or private mode operation
- Use up to 10 channels


The following features and main menu items will not be available while in Mike's Talk Around:

- On-network phone calls
- On-network Private calls
- Data transmission
- Incoming message notification
- Musical ring tones

- Call forwarding
- Messages
- Call Timers
- Call alerts
- Voice records

Using Mike's Talk Around


To set your handset to Mike's Talk Around:

- 1 From the main menu, scroll to **Talk Around** and press .
- 2 Select **Go to Talk Around**.

Switching to Talk Around Please Wait displays.



After a few seconds, the Talk Around idle screen appears. The channel you are set to appears on the third line of the display. The code you are set to appears on the second line of the display. **TA Ready** appears on the first line of the display.

Note: When switching from the network to Mike's Talk Around, the last channel and code that were set appear on the Talk Around idle screen.

While in Mike's Talk Around, this icon  appears on the display, indicating that there is no network signal and Mike's Talk Around is active.

Exiting Mike's Talk Around

To set your handset to network mode when Mike's Talk Around is active:

- 1 From the Talk Around idle screen, press .
- 2 Scroll to **TA Options** and press .
- 3 Select **Exit Talk Around**.

Switching to Network Please Wait displays. After a few seconds, the network idle screen appears.

Talk Range

Handsets used in Mike's Talk Around mode should be a minimum of 6 feet apart to maximize performance and improve transmission range.

Channels and Codes

Your handset has 10 channels and 15 codes.




Channels are divided into sets of frequencies that allow you to make and receive Mike's Talk Around calls. Other parties may also be talking on the same channel.

Codes help minimize interference from unwanted messages and other disturbances when you are on the same channel as others.




To have a conversation, all parties must be on the same channel and code. For private Mike's Talk Around calls, the person you are calling must be in Mike's Talk Around and set to the same channel to receive your call.

Note: When making a code call, all parties that are on your code and channel can hear your conversation.

To set a channel:

- 1 From the Talk Around idle screen, press  under **Edit**.
- 2 Scroll to **Channel**.
- 3 Press  under **Edit**.
- 4 Select a channel.
- 5 When you are finished, press  under **Back** to return to the Talk Around idle screen.

To set a code:

- 1 From the Talk Around idle screen, press  under **Edit**.
- 2 Scroll to **Code**.
- 3 Press  under **Edit**.
- 4 Select a code.
- 5 When you are finished, press  under **Back** to return to the Talk Around idle screen.

Making and Receiving Code Calls in Mike's Talk Around

To make a code call in Mike's Talk Around:


- 1** Press and hold the PTT button. **Transmit** appears on the first line of display. Begin speaking after your handset emits the Mike's Talk Around tone.
- 2** Release the PTT button to listen.

The tone emitted from your handset when using Mike's Talk Around is 4 beeps and sounds different from the standard tone heard with on-network Private and group calls.

If you receive an error message:

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

When you receive a code call using Mike's Talk Around, **Receive** appears on the first line of the display.

Note: An incoming Mike's Talk Around call can be terminated at any time by pressing .




Receive All

You can set your handset to receive Mike's Talk Around transmissions from any handset that is set to the same channel, regardless of the code (1-15), by setting the code to **Receive All**. When you receive transmissions with the code set to **Receive All**, the display changes from **Receive All** to the code on which the transmission was received.

Tip: You can reply to an incoming call within 6 seconds after hearing the short ending beep by pressing the PTT button.

Note: You cannot initiate a code call when the code is set to **Receive All**. If you press the PTT button with the code set to **Receive All**, you will receive an error message.

To set the code to **Receive All**:

- 1** From the Talk Around idle screen, press  under **Edit**.
- 2** Scroll to **Code**.
- 3** Press  under **Edit**.
- 4** Select **Receive All**.
- 5** When you are finished, press  under **Back** to return to the Talk Around idle screen.

Private Mike's Talk Around Calls

You can have a private conversation with another person using Mike's Talk Around. When on a private Mike's Talk Around call, no other parties can hear your conversation. In order to make a private Mike's Talk Around Call, you must use the valid 10-digit Personal Telephone Number (PTN) of the person you are calling.

Note: If the PTN is more than 10-digits, enter the last 10-digits of the PTN.

The person you are calling must be in Mike's Talk Around and set to the same channel to receive your call.

If you receive an error message:




- You may not be using a valid PTN.
- The person that you are trying to reach may not be in Mike's Talk Around.
- The person that you are trying to reach is set to a different channel or is out of range.

Private Only

To limit Mike's Talk Around to private conversation only, set your code to **Pvt Only**. In this mode, code calls will be ignored and only private calls can be made or received.

Note: You will be required to enter a valid PTN before pressing the PTT button.

To set the code to **Pvt Only**:

- 1 From the Talk Around idle screen, press  under **Edit**.
- 2 Scroll to **Code**.
- 3 Press  under **Edit**.
- 4 Select **Pvt Only**.
- 5 When you are finished, press  under **Back** to return to the Talk Around idle screen.

Making a Private Mike's Talk Around Call

- 1 Enter the 10-digit PTN of the person you want to call on your channel. If the PTN is more than 10-digits, enter the last 10-digits of the PTN.

-or-

Scroll to a number or name in **Contacts**.

-or-
Scroll to a number in the recent calls list.

Mike's Talk Around™

- 2 Press and hold the PTT button. Begin speaking after your handset emits the Mike's Talk Around tone.
- 3 Release the PTT button to listen.

The number or name of the person you are calling will appear in the first line of the display.

Receiving a Private Mike's Talk Around Call

The number or name of the person who initiated the call will appear in the first line of the display.

Note: You can reply within 6 seconds simply by pressing the PTT button.

Ending a Private Mike's Talk Around Call

A private Mike's Talk Around call will end if there is no communication for 6 seconds.

Note: A private Mike's Talk Around call may be interrupted during the 6 second idle time by another code call or private call.

The display will return to the Talk Around idle screen.

Emergency Calls Using Mike's Talk Around

Emergency phone calls can be initiated if you are in network coverage. Dial 911 to be connected to an emergency response center. If you are on an active Mike's Talk Around call, you must end it before calling 911.

Note: If you are using Mike's Talk Around outside of network coverage, dialing 911 will not connect you to an emergency response center.

Setup Options

Mike's Talk Around setup options are available in the TA Options screen in both network and Mike's Talk Around modes.

To access Setup Options in network:

- 1 From the main menu, select **Talk Around**.
- 2 Select **Setup**.

To access Setup Options in Mike's Talk Around:


- 1 From the main menu, select **TA Options**.
- 2 Select **Setup**.


You can set your handset to:

- Launch directly into Mike's Talk Around when you select **Talk Around** from the main menu.
- Notify you periodically with a tone that you are in Mike's Talk Around.


Using Direct Launch

To set your handset to launch Mike's Talk Around when you select **Talk Around** from the main menu:

- 1 From the Setup screen, scroll to **Direct Launch** and press .
- 2 Select **On**.

Note: If **Direct Launch** is set to **On**, you will not see **TA Options** when you select Talk Around from the main menu. In order to have access to your setup options, **Direct Launch** must be set to **Off**. Or you can access setup options while in Mike's Talk Around by pressing  and selecting **TA Options**.


To turn off Direct Launch:

- 1 From the Setup screen, scroll to **Direct Launch** and press .
- 2 Select **Off**.

Your handset now displays **TA Options** when you select **Talk Around** from the main menu.


Using State Tone

To set your handset to notify you with a tone that you are in Mike's Talk Around:

- 1 From the Setup screen, scroll to **State Tone** and press .
- 2 Select the time frame during which you want to be notified that you are in Mike's Talk Around.

For example, if you select 1 hour, you will be notified every hour that you are in Mike's Talk Around.

To turn off State Tone:

- 1 From the Setup screen, scroll to **State Tone** and press .
- 2 Select **Off**.

Making Phone Calls


To make a phone call:

With the Flip Open

1 Enter the number you want to call.

2 To place the call:

Press  . **-or-**

If you entered the number from the idle screen, press .


3 To end the call:

Press  . **-or-**

Close the flip.

To end a call by closing the flip, you must have the Flip to End feature turned on (see “Setting Flip Actions” on page 50).

With the Flip Closed

1 Select the number you want to call from the recent calls list and press  . **-or-**


Use a voice name to select number and place the call.

2 To end the call, press .

Receiving Phone Calls

When you receive a phone call, your handset rings, vibrates, or lights up its backlight.

Answering a phone call

If the flip is closed, press  . **-or-**

Open the flip. **-or-**

Press  . **-or-**

Press  . **-or-**

Press  under **Yes**. **-or-**


Press any number key on the keypad.

To answer a call by opening the flip, you must have the **Flip to Ans** feature turned on (see “Setting Flip Actions” on page 50). To answer a call by pressing any key on the keypad, you must have the **Any Key Ans** feature turned on (see “Phone Calls Features” on page 108).


Sending a phone call to voice mail

If the flip is closed, press  . **-or-**

Press  . **-or-**

Press  under **No**.

Ending a phone call


If the flip is closed, press .


Press  . -or-

Close the flip. -or-

Call Icons


When you make a phone call, call icons appear in the text area of the handset's display.

 Placing a phone call.

 Receiving a phone call.

 Phone call is active.

 Phone call is on hold.

 Phone call ended.

When you miss a call, this icon appears in the text area:

 You missed a phone call.




Entering the Number to Call

To enter the number you want to call, you can:

- Use the numbers on the keypad
- Select the number from the recent calls list

- Select the number from Contacts
- Select a number stored in Datebook
- Redial the last phone number called
- Say a voice name into your handset
- Use Speed Dial or Turbo Dial®
- Use One Touch PTT to make a Private call. See “One Touch PTT” on page 17.

If you make a mistake:

- To clear a digit, press  under **Delete**.
- To clear all digits, press and hold  under **Delete**.
- To insert or delete a digit anywhere in the string of digits you have entered, scroll left or right.
- To cancel, press .

From the Recent Calls List



The recent calls list stores the last 20 calls you made or received.

With the Flip Open

- 1 From the idle screen, scroll down. -or-
From the main menu, select **Recent Calls**.
- 2 Scroll to the name or number you want to call.

Making Phone Calls

With the Flip Closed

- 1 Press  to display the most recent call.
- 2 To view the rest of the recent calls list, press the volume keys on the side of your handset.
- 3 You can call the number displayed by pressing  on top of the handset.

From Contacts

If you have numbers stored in Contacts, you can use these numbers to make calls. For information on entering numbers into Contacts, see “Creating Entries” on page 40.

- 1 From the main menu, select **Contacts**.
- 2 Scroll to the name or number you want to call.
Tip: To find Contacts entries faster, use the keypad to enter the first letter of the name.
- 3 Place the call now. **-or-**
Scroll left or right to display the Contacts type for the number you want to call.

If you are making a Private call, your handset places the call to the Private ID stored in the Contacts entry, even if the Private icon is not displayed.

If you are making a phone call:

- Your handset places the call to the phone number assigned to the Contacts type displayed.

If the Contacts type displayed is not a phone number, your handset places the call to the phone number stored in the Contacts entry.

- If the Contacts type displayed is not a phone number and you have more than one phone number stored in the Contacts entry, your handset prompts you to select the phone number you want to place the call to.


From Datebook

If you have numbers stored as part of events in Datebook, you can use these numbers to make calls. For information on storing events in Datebook, see “Datebook” on page 78.

- 1 From the main menu, select **Datebook**.
- 2 Select the day of the event containing the number you want to call.
- 3 Highlight or select the event containing the number you want to call.

For details, see “Making Calls From Datebook and Datebook Reminders” on page 82.


Redialing the Last Number

Press and hold  to place a call to the last phone number you called.

Using a Voice Name

If you have created a voice name in Contacts for the number you want to call, say the voice name into your handset to enter the number. See page 40 for information on voice names.



You can use a voice name to enter a handset number with the flip open or closed.

- 1 Press and hold  until a prompt appears telling you to say the voice name.
- 2 Speaking into the microphone, say the voice name assigned to the number you want to call.

Your handset plays the name back to you.

- 3 If you are making a Private call, press and hold the PTT button to place the call.

If you are making a phone call, the call is placed automatically.



Tip: To stop a phone call from being completed, press  if the flip is closed or press .

Using Speed Dial and Turbo Dial®

Each phone number stored in Contacts is assigned a Speed Dial number, which you can use to enter that number.

Turbo Dial lets you place calls to the phone numbers associated with Speed Dial numbers 1 through 9 without entering the number.


Speed Dial

- 1 From the idle screen, use the keypad to enter the Speed Dial number assigned to the phone number you want to call.
- 2 Press .
- 3 Press .


Turbo Dial

From the idle screen, press and hold the Speed Dial number (1 through 9) assigned to the phone number you want to call.

Redialing the Last Number


Press and hold  to place a call to the last phone number you called.


Missed Phone Calls

When you miss a call, this icon  and the number of phone calls you have missed appear briefly.


Making Phone Calls


With the Flip Open

If you want to dismiss the missed call message, press  under **Back**. -or-

If you want to view the missed call on the recent calls list, press  under **View**.

With the Flip Closed

If you want to dismiss the missed call message, press .

If you want to view the missed call on the recent calls list, press  twice.


Using Speakerphone

Turning on speakerphone makes incoming sound come out of the phone's speaker instead of the earpiece. Speakerphone is available whenever you are on an active phone call.

With the Flip Open

To turn speakerphone on or off:

Press  under **Speaker**. -or-

Press .

With the Flip Closed


When you make a call with the flip closed, speakerphone is always on.

Opening the flip turns speakerphone off.

Using Mute

Muting calls lets you listen to incoming sound without transmitting sound. Mute is available whenever you are on an active call.

To turn mute on:

Press  under **Mute**.

While mute is on, **Unmute** appears as a display option.

To turn mute off:

Press  under **Unmute**.

Making Emergency Phone Calls

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

Dial 911 to be connected to an emergency response center. If you are on an active call, you must end it before calling 911.

Important: Emergency calls cannot be placed while the keypad is locked.

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

Recent Calls


The recent calls list stores information associated with calls you have made and received and call alerts you have received. It also stores My Info and contact information sent to you from other handsets.

The recent calls list stores up to 20 items.

Calls and Call Alerts

The recent calls list stores the numbers of up to 20 of the most recent calls you have made and received.


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


- The name assigned to the number
 - The Contacts type icon associated with the number. If the Contacts entry containing the number has more than one number or address stored,  surrounds the Contacts type icon.
- For information on Contacts types, see page 39.


The Private ID Contacts type icon appears when you receive a Private call or call alert, even if the number is not stored in Contacts.

Call alerts you have received appear as Private calls. Like all items in the recent calls list, they remain listed until you delete them or until they reach the end of the list.

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

 A call you made.


 A call you received.

 A missed call. Missed calls appear on the recent calls list only if you have Caller ID.

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

My Info From Other Handsets

The recent calls list stores My Info from other handsets. See “Sending My Info and Contact Information” on page 73.


This icon  appears with My Info from other handsets on the recent calls list, along with the Private ID of the person who sent the information.

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


If you receive My Info from the same handset more than once, only the most recently sent version appears in the recent calls list.

Contact Information From Other Handsets

The recent calls list stores contact information sent from other handsets. This information comes from the other handset's Contacts list or recent calls list. See "Sending My Info and Contact Information" on page 73.

This icon  appears with contact information on the recent calls list.

Contact information in the recent calls list displays:

- The name contained in the contact information
- The Contacts type icon associated with the number or address contained in the contact information. If the item contains more than one number or address stored,  surrounds the Contacts type icon.

The name or Private ID of the person who sent the contact information appears as a separate item on the recent calls list, above the information sent. If one person sends you more than one item of contact information, all the items appear below the person's name or Private ID.

When you select contact information to view its details, you see the name or Private ID or the person who sent the information and all the information in the item.

If you receive contact information with the same name from the same handset more than once, only the most recently sent version appears in the recent calls list.

Viewing the Recent Calls List

With the Flip Open

- 1 From the main menu, select **Recent Calls**.
- 2 Scroll through the list.



To view the details of an item on the list:

From the recent calls list, select the item you want information on.


Tip: To view the details of more items, keep scrolling.

Recent Calls

With the Flip Closed

- 1 Press .
- 2 If you want to view the rest of the recent calls list, press the volume controls.
- 3 Press  to dismiss the recent calls list.

Storing Items to Contacts

- 1 From the recent calls list, scroll to or select the item you want to store.
- 2 Press  under **Store**. -or-

If **Store** is not one of your options: Press .
Select **Store** or **Update Contacts**.

Tip: If the item you want to store is a call, **Store** does not appear if the number is already stored in Contacts.


- 3 To store the item as a new entry, select [**New Contact**]. -or-

To store the number to an existing entry, select the entry.

Note: Storing My Info or contact information from another handset or to a Contacts entry that has a name assigned to it does not change the name of the Contacts entry.


- 4 If the item you want to store is a call, you must assign a Contacts type to the number:


With the Contacts type field highlighted, scroll left or right to display the Contacts type you want to assign the number.

- 5 If you want to add more information to the entry, follow the applicable instructions in “Creating Entries” on page 40.
- 6 Press  under **Done**.

Deleting Items




To delete an item from the recent calls list:

- 1 From the recent calls list, scroll to or select the item you want to delete.
- 2 Press  under **Delete**. -or-

If **Delete** is not one of your options: Press .
Select **Delete**.


- 3 Press  or press  under **Yes** to confirm.

To delete all items on the recent calls list:


- 1 From the recent calls list, press .
- 2 Select **Delete All**.
- 3 Press  or press  under **Yes** to confirm.

Making Calls From the Recent Calls List


With the Flip Open

- 1 From the main menu, select **Recent Calls**.
- 2 Scroll to the item containing the number you want to call.
 - If you scroll to a call, you can make a call to the number that made the call. If the number is stored in Contacts, you can make a call to any of the numbers stored with it.
 - If you scroll to My Info from another handset, you can make a call to the Private ID of the handset that sent the information.
 - If you scroll to contact information from another handset, you can make a call to any of the numbers in the contact information.
- 3 To place the call now, go to step 4. **-or-**
Scroll left or right to display the Contacts type for the number you want to call.
- 4 To make a phone call, press . **-or-**
To make a Private call, press the PTT button.


You can also make calls while viewing the details of an item on the recent calls list:

- 1 From the recent calls list, select the item containing the number you want to call.
 - If you select a call or contact information from another handset, you can make a call to the number shown first on the details screen.
 - If you scroll to My Info from another handset, you can make a call to the Private ID of the handset that sent the information.
- 2 To make a phone call, press . **-or-**
To make a Private call, press the PTT button.

With the Flip Closed

- 1 Press  to display the most recent call.
- 2 Press the volume controls to scroll to the name or number you want to call.
 - If you scroll to a call, you can make a call to the number that made the call.
 - If you scroll to My Info from another handset, you can make a call to the Private ID of the handset that sent the information.
 - If you scroll to contact information from another handset, you can make a call to the number currently displayed.

Recent Calls

3 To make a phone call, press  on the top of your handset. **-or-**

To make a Private call, press the PTT button.

Contacts












Contacts stores up to 600 numbers or addresses. Each Contacts entry can store several numbers or addresses.

Information stored in Contacts is saved on your SIM card. If you move your SIM card to another SIM-based handset, you can access information stored in Contacts from that handset.

A Contacts entry contains:

- A name — A name is required if you are storing more than one number or address to the entry; otherwise, it is optional. Typically, this is the name of the person whose contact information is stored in the entry.
- A ring tone — This is the sound your handset makes when you receive phone calls or call alerts from any of the numbers stored in the entry. You can assign the ring tone from your list of ring tones. If you do not assign a ring tone, the entry is created with a default ring tone assigned.


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

	Mobile	phone number
	Private	Private ID
	Work1	phone number
	Work2	phone number
	Home	phone number
	Email	email address
	Fax	phone number
	Pager	phone number
	Talkgroup	Talkgroup number
	IP	IP address
	Other	phone number

- A number or address — Each Contacts entry must contain a number or address. This may be any type of phone number, Private ID, Talkgroup number, email address, or IP address.

Contacts

Note: You can store numbers up to 64 digits long, but every 20 digits must be separated by a pause or wait. See “Creating Pauses and Waits” on page 44.

- A Speed Dial number — When you store a phone number, it is assigned a Speed Dial number. You can accept the default Speed Dial number or change it.
- A voice name — If you create a voice name for a number, you can then dial that number by saying the voice name into your handset. This icon  appears to the left of the Contacts type icon if a voice name is assigned.


Accessing Contacts


From the main menu, select **Contacts**. -or-

If you are on a call: Press . Select **Contacts**.

Creating Entries

A number or address and a Contacts type are required for all Contacts entries. Other information is optional. You may enter the information in any order by scrolling through the entry details.


After you have entered the number or address, Contacts type, and any other information you want, you can press  under **Done** to save the entry to Contacts.

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

To create a Contacts entry:


- 1 To access the entry details screen:

Select **Contacts > [New Contact]**. -or-

From the Contacts list, press . Select **New**.

- 2 If you want to assign a name to the entry:

Select **Name**.

Enter the name. See “Entering Text” on page 55. When you are finished, press .

Tip: Press  under **Browse** to select a name already in Contacts.

- 3 If you want to assign a ring tone to the entry:

Select **Ringer**.

Select the ring tone you want to assign.

- 4 To assign a Contacts type to the number or address being stored:

Select the Contacts type field.

Select the Contacts type you want to assign.

- 5 To store a number or address:

Select the **#** field (or **ID** for an email address, or **IP** for an IP address).

Enter the number or address. For phone numbers, use the 10-digit format. For email addresses, see “Entering Text” on page 55.

Tip: Press  under **Browse** to select a number or address from Contacts, the recent calls list, or Memo.


When you are finished, press .

- 6 If you want to change the default Speed Dial number or a create a voice name for the entry, select **[Options]**. See “Assigning a Speed Dial Number or Voice Name”.

- 7 If you want to add more numbers or addresses to the entry:

Scroll past the information you already entered.


Enter the additional information for the entry using step 2 through step 6. You must assign a name to the entry, if you have not already.


- 8 Press  under **Done**.

Assigning a Speed Dial Number or Voice Name

- 1 If you have not already, select **[Options]**.
- 2 The default Speed Dial number assigned to a phone number is displayed in the **Speed #** field. This is always the next available Speed Dial location.

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

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


Press  under **Delete** to delete the current Speed Dial number.

Enter the new Speed Dial number using the keypad.

When you are finished, press .

- 3 If you want to create a voice name for a phone number, select **Voice Name**.

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

- 4 When you are finished, press  under **Back**.

- 5 Press  under **Done**.

Storing Numbers Quickly



To store numbers to Contacts from the recent calls list, see “Storing Items to Contacts” on page 36.

To store numbers to Contacts from Memo, see “Memo” on page 101.


To store numbers to Contacts from the idle screen:

- 1 Use the keypad to enter the number you want to store.

Contacts

- 2 Press .
- 3 Select **Store Number**.
- 4 To store the number as a new entry, select **[New Contact]**. -or-
To store the number to an existing entry, select the entry.
- 5 With the Contacts type field highlighted, scroll left or right to display the Contacts type you want to assign the number.
- 6 If you want to add more information to the entry, follow the applicable instructions in “Creating Entries” on page 40.
- 7 Press  under **Done**.

Editing Entries

- 1 From the Contacts list, scroll to the entry you want to edit.
- 2 Press .
- 3 Scroll to **Edit**.

The entry details screen displays.

Follow the applicable instructions in “Creating Entries” on page 40 to edit the various fields.

Viewing Entries

When you view Contacts entries, you can choose how much detail you want to see.

Viewing the Contacts List


In this view, each entry shows:

- The name assigned to the entry
- The types of numbers and addresses stored in the entry

To view entries from the Contacts list:

- 1 Access Contacts.
- 2 Scroll to view entries.

Tip: To find Contacts entries faster, use the keypad to enter the first letter of the name.

- 3 If an entry has more than one number or address stored,  surrounds the Contacts type icon. Scroll left or right to view the icon for each number stored in the entry.

Selecting an Entry


In this view, each entry shows:

- The name assigned to the entry
- The name of the ring tone assigned to the entry
- The numbers and addresses stored in the entry

To select an entry:

- 1 From the Contacts list, select the entry you want to view.
- 2 Scroll to view the numbers and addresses stored in the entry.

Tip: To select other entries: Scroll up or down.

To return to the Contacts list, press  under **Back**.



Viewing More Details

When an entry is selected, you can view more details about the entry by selecting items within the entry.

Viewing Details of a Number or Address



- 1 Select the entry.
- 2 Select the number or address you want to view details of.

If you select a phone number, you can view its Speed Dial number and see whether it has a voice name.

To return to the entry, press  under **Back** or press .

Searching for a Name


To search for a name in Contacts:

- 1 From the Contacts list, press  under **Search**.
- 2 Enter the name you want to see. See “Entering Text” on page 55.
- 3 Press .


Your handset finds the name you entered or the nearest match.

Showing Only Private IDs and Talkgroups

To set Contacts to show only entries that contain Private IDs and Talkgroup entries:




- 1 From the Contacts list, press .
- 2 Select **Filter**.
- 3 Set this option to **Show Prvt/Grp**.

To set Contacts to show all entries:




- 1 From the Contacts list, press .
- 2 Select **Filter**.
- 3 Set this option to **Show All**.

Deleting Entries

Delete an Entry


- 1 From the Contacts list, scroll to the entry you want to delete.
- 2 Press .
- 3 To delete the entire entry, select **Delete Contact**.
- 4 Press  and press  under **Yes** to confirm.

Delete a Number or Address

- 1 From the Contacts list, scroll to the entry that contains the number or address you want to delete.
- 2 Scroll left or right to display the Contacts type for the number you want to delete.
- 3 Press .
- 4 Select **Delete Number**.
- 5 Press  and press  under **Yes** to confirm.

Checking Capacity

To see how many numbers are stored in Contacts:


- 1 From the Contacts list, press .
- 2 Select **Capacity**.

Creating Pauses and Waits


When storing a number, you can program your handset to pause or wait between digits while dialing. A pause makes your handset pause for 3 seconds before dialing further. A wait makes your handset wait for your response before dialing further.

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


To program a pause:


Press and hold  until the letter P appears. The P represents a 3-second pause.

If you store 17035551235P1234, when you select this number and make a call, your handset dials the first 11 digits, pauses for 3 seconds, then dials the last 4 digits.

If you want a pause longer than 3 seconds, press and hold  more than once. Each P represents a 3-second pause.

To program a wait:

Press and hold  until the letter W appears. The W means your handset waits before dialing further.

If you store 17035551235W1234, when you select this number and make a call, your handset dials the first 11 digits and then waits. A message appears asking if you want to send the rest of the digits. Press  under **Yes** to dial the last 4 digits.

Tip: You can create pauses and waits while dialing a number from the keypad. See “Creating Pauses and Waits While Dialing” on page 50.

International Numbers

When storing a number that you plan to use for international calls, use Plus Dialing:

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

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

- 2 Enter the country code, city code or area code, and handset number.

For information about making international calls, see “Making International Calls” on page 50.


Advanced Calling Features

Call Waiting

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

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

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

Press  under **Yes**.


To accept the second call and end the active call:

1 Press .

Your handset rings with the second call.

2 Answer the second call.

To decline the second call:

Press  under **No**. If you subscribe to voice mail, the call is forwarded to your voice mail box, unless you set **Call Forward** for **If Busy** to a different number.

Turn Off Call Waiting

To turn off Call Waiting during a call:

- 1 Press .
- 2 Select **In Call Setup > Call Waiting**.
- 3 Set this option to **Off**.

Tip: To turn Call Waiting back on while still on the call, set this option to **On**.

To turn off Call Waiting for the next call you make or receive:


- 1 From the main menu, select **Settings > Phone Calls > Call Waiting**.
- 2 Set this option to **Off**.

Call Waiting is turned back on when you end the call.


Switching Between Calls


Any time you have one call active and one call on hold, to make the call on hold active and put the active call on hold:

Press  under **Switch**. -or-

If **Switch** is not one of your options. Press . Select **Switch**.

Putting a Call on Hold

- 1 While on an active call, press .
- 2 Select **Hold**.




If you want to make the call active again, press  under **Resume**.




Call Forwarding

Call forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or forward missed calls to different numbers depending on the reason you missed the call. You can forward phone lines 1 and 2 independently.

Forwarding All Calls

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


-  Phone line 1 is active; calls to phone line 1 are being forwarded.
-  Phone line 1 is active; calls to phone line 2 are being forwarded.
-  Phone line 1 is active; calls to phone lines 1 and 2 are being forwarded.



-  Phone line 2 is active; calls to phone line 1 are being forwarded.
-  Phone line 2 is active; calls to phone line 2 are being forwarded.
-  Phone line 2 is active; calls to phone lines 1 and 2 are being forwarded.

To forward all calls:

- 1 From the main menu, select **Call Forward > Forward > All Calls**.


If you specified a forwarding number for all calls before, this number displays.

To forward calls to this number, press  under **Back**. -or-

To delete this number, press , then press and hold  under **Delete**.

- 2 To enter the number you want to forward calls to:

Enter the number using your keypad. -or-

Press  under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. Select the number you want to enter.

- 3 Press .

Advanced Calling Features

All your calls are now forwarded to the number you specified.

Turning Off Call Forwarding

If you do not want all your calls forwarded, turn the feature off:

- 1 From the main menu, select **Call Forward > To**.
- 2 Set this option to **Off**.

All your calls are now sent to your handset.

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

Forwarding Missed Calls


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



- **If Busy** — Your handset is on a call or transferring data.
- **If No Answer** — You do not answer on the first 4 rings.
- **If Unreachable** — Your handset is out of coverage or powered off.




Note: If you want a type of missed call sent to voice mail, the call forwarding number for that type of missed call must be your voice mail access number.

To forward missed calls:

- 1 From the main menu, select **Call Forward > Forward > Detailed**.
- 2 Select **If Busy** to specify a forwarding number for calls received when your handset is busy.
- 3 If you specified a forwarding number for this type of call before, this number displays.

To forward calls to this number, press  under **Back** and go to step 6. **-or-**



To delete this number, press , then press and hold  under **Delete**.

- 4 To enter the number you want to forward this type of call to:
Enter the number using your keypad. **-or-**
Press  under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. Select the number you want to enter.
- 5 Press .
- 6 Repeat step 2 through step 5 for **No Answer** and **If Unreachable**.
- 7 When you are finished, press  under **Back**.

Note: Your handset comes pre-programmed to detailed forward to Mike's Voice Mail. If you change your detailed call forwarding, remember to reset the forwarding back to your access number or your phone number.

Calling 2 People

Putting a Call on Hold, Making a Second Call

- 1 Place or receive a phone call.
 - 2 While the call is active, press .
 - 3 Select **2nd Call**. This puts the call on hold.
 - 4 Enter the second phone number you want to call.
- Tip:** For quick ways to enter the number, press .

- 5 Press  or press  to place the call.

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


Press .

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

Press  under **Switch**.


Merging 2 Calls into a 3-Way Call


After you put a call on hold and place a second call, you can combine these calls into a 3-way call:



- 1 Press .
- 2 Select **Join**.

All 3 people in the call can speak to and hear each other.

Making a 3-Way Call

- 1 Place or receive a phone call.
- 2 While the call is active, press .
- 3 Select **3 Way**. This puts the call on hold.
- 4 Enter the second phone number you want to call.

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


- 5 Press  to place the call.
- 6 Press  under **Join**.

All 3 people in the call can speak to and hear each other.


Creating Pauses and Waits While Dialing

You can enter a pause or wait while dialing a number. For more information on pauses and waits, see “Creating Pauses and Waits” on page 44.

To create a pause while dialing a phone number:

- 1 From the keypad, enter the digits you want to occur before the pause.
- 2 Press .
- 3 Select **Insert Pause**.
- 4 Enter the digits you want to occur after the pause.

To create a wait while dialing a phone number:

- 1 From the keypad, enter the digits you want to occur before the wait.
- 2 Press .
- 3 Select **Insert Wait**.
- 4 Enter the digits you want to occur after the wait.

Making International Calls

Plus Dialing lets you place an international call to 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 or area code, and phone number.

Setting Flip Actions

For Answering Calls

To set your handset to answer calls when you open the flip:

- 1 From the main menu, select **Settings > Phone Calls > Flip Activation > Flip to Ans**.
- 2 Set this option to **On**.

To set your handset not to answer calls when you open the flip:

Set **Flip to Ans** to **Off** in step 2.

For Ending Calls

To set your handset to end calls when you open the flip:

- 1 From the main menu, select **Settings > Phone Calls > Flip Activation > Flip to End**.
- 2 Set this option to **On**.

To set your handset not to answer calls when you open the flip:

Set **Flip to End** to **Off** in step 2.

Note: If you are using your handset with a headset, and you have the **Flip to End** option set to **On**, closing your flip sends incoming sound to the headset and does not end the call.


Call Timers




Call timers measure the duration of your phone calls, Private or group calls, and circuit data use, as well as the number of Kilobytes sent and received by your handset:

- **Last Call** — displays the duration of your most recent phone call.
- **Phone Reset** — keeps a running total of your phone call minutes, until you reset it.

- **Phone Lifetime** — displays the total minutes of all your phone calls.
- **Prvt/Grp Reset** — keeps a running total of all of your Private and group call minutes, until you reset it.
- **Prvt/Grp Lifetime** — displays the total minutes of all your Private and group calls.
- **Circuit Reset** — keeps a running total of all of your circuit data use, until you reset it.
- **Circuit Lifetime** — displays the total minutes of all of your circuit data use.
- **Kbytes Reset** — keeps a running total of the number of Kilobytes sent and received by your handset, until you reset it.

To view or reset a timer:

- 1 From the main menu, select **Call Timers**.
- 2 Select the feature you want to view or reset.
- 3 To view a feature without resetting: Press  when you are finished viewing. **-or-**

To reset a feature: Press  under **Reset**. Press  and press  under **Yes** to confirm.

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

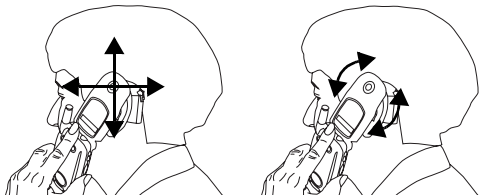
Features for the Hearing Impaired

Using Your Handset With a Hearing Aid

For best results use the following optimization procedures and handset setting. They generally apply as well for users with cochlear implants:

Optimize Your Handset Position and Orientation

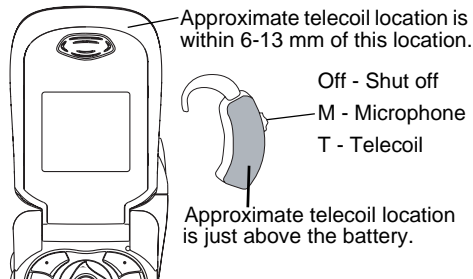
While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.



If your HA has a telecoil, activate its switch, then also rotate the handset as illustrated to align the telecoils.

Note: Some automatically switched hearing aids may need an auxiliary switching magnet.

If you are unsure whether your HA is telecoil equipped or needs an auxiliary magnet, please contact your HA user guide, professional or supplier.



Optimize Your Handset Antenna Position

Your phone's rating for HA compatibility is determined with the antenna extended if it has an extendable antenna. However acceptable use might occur with the antenna retracted. Test your handset in both antenna positions when the handset is in the optimum orientation.

Choose Your Hearing Aid Setting

From the main menu, select **Settings > Phone Calls > Hearing Aid**.

Set this option to **Microphone**. Microphone coupling is now optimized. **-or-**

Set this option to **Telecoil**. Handset meets US federal requirements for telecoil coupling sound. **-or-**



Set this option to **Off** (factory default). This is the setting for non HA users.

Using Your Phone With a Teletypewriter (TTY) Device:

Connect one end of a 2.5mm cable into the stereo headset jack on your handset. Connect the other end of the cable to your TTY device.

- 4 Make sure that your handset's TTY feature is on and select the TTY mode you want to use.
- 5 Use your handset to enter phone numbers and make calls.

When you make a TTY call, these icons appear on the phone's display:

-  Phone call is active.
-  Phone call is on hold.

TTY device features such as Turbo-Code, High-Speed, and Interruption are not supported by your handset. These features must be turned off or disabled to use your TTY device with your handset.

Turning On the TTY Feature

Your handset's TTY feature must be on if you want to make TTY calls, set the TTY mode, or change the TTY baud rate. To make sure the TTY feature is on:

From the main menu, select **Settings > Phone Calls > TTY > Use TTY**. This field must say **On**.

Choosing a TTY Mode

Your handset supports these TTY modes:

- **TTY** — You type and read text on your TTY device.
- **VCO** (Voice-Carry-Over) — You speak into your handset and read text replies on your TTY device.
- **HCO** (Hearing-Carry-Over) — You type text on your TTY device and listen to voice replies on your handset speaker.


To change mode while not in a call:

- 1 From the main menu, select **Settings > Phone Calls > TTY > Type**.
- 2 Select the TTY mode you want.

Advanced Calling Features

When you make a TTY call, the call begins in the TTY mode you last selected.

To change mode during a call using your handset:

- 1 Press .
- 2 Select **In Call Setup > TTY > Type**.
- 3 Select the mode you want.

To change mode during a call using your TTY device, issue one of the following commands:

- “VCO please” — to select VCO mode
- “HCO please” — to select HCO mode
- “HCO off please” — to turn off HCO mode

Important: When you are using HCO, the sound coming from your handset speaker may be uncomfortably loud. Use caution when putting the handset to your ear.

Changing the TTY Baud Rate

By default, your handset's TTY baud rate is set to 45.45, the baud rate required for TTY calls within the U.S. To make calls outside the U.S., set your TTY baud rate to 50.00.





To change the TTY baud rate:

- 1 From the main menu, select **Settings > Phone Calls > TTY > Baud**.

- 2 Select the baud rate for your location.


Entering Text

You can enter text, numbers, and symbols into your handset using Alpha, Word, Numeric, or Symbol text input modes.

-  **Alpha** — Press a key several times for each character.
-  **Word** — Press a key once for each letter while words likely to be the one you want are chosen from a database.
-  **Symbols** — Enter punctuation and other symbols.
-  **Numeric** — Enter numbers.

When you access a screen that requires you to enter text, you start in the mode last used.

To choose a text input mode:

- 1 At a screen that requires you to enter text, press .
- 2 Select the text input mode you want to use. A checkmark appears next to the current mode.

Using Word Mode


In Word mode, T9 Text Input analyzes the letters on the keypad button you press and arranges them to create words. As you type, T9 Text Input matches your keystrokes to words in its database and displays the most commonly used matching word. You can add your own words to this database.

Entering a Word

- 1 Select **Word** as your text input mode.
- 2 Type a word by pressing one key for each letter.

For example, to type “test” press    .

The displayed word may change as you type it. Do not try to correct the word as you go. Type to the end of the word before editing.

- 3 If the word that appears is not the desired word, press  to change the word on the display to the next most likely word in the database.


Repeat until the desired word appears.

If the desired word does not appear, you can add it to the database.

Adding Words to the Database

- 1 Select **Alpha** as your text input mode.

Entering Text


- 2 Type the word using Alpha mode.
- 3 Select **Word** as your text input mode.
- 4 Press .

The word you typed in Alpha text entry mode is now in the database.

Note: You cannot store alphanumeric combinations, such as Y2K.

Choosing a Language


To change the language of the database:

- 1 At a screen that requires you to enter text, press .
- 2 Select **Languages**.
- 3 Select the language you want for your database.


Special Function Keys

Some of the handset's keys assume different functions while in Alpha or Word mode.

Spaces

Press  for a space.

Capitalization

Press and hold  to make the next letter typed uppercase (shift), to make all subsequent letters typed uppercase (caps lock), or to go back to lowercase letters.

These icons appear in the top row of your display:



 or  Shift is on.

 or  Caps lock is on.

When neither of these icons appear, letters typed are lowercase. Scrolling up after typing a letter makes that letter uppercase.

Note: Your handset automatically makes the first letter of a sentence uppercase.



Punctuation

Press  or  to insert punctuation. Continue to press the key to view the list of symbols available through that key. Pause to select the symbol you want.

Note: Additional punctuation symbols are available in Symbols mode.

Messages

To access your voice mail messages, text and numeric messages, Net alerts, and any other types of messages you are able to receive, go to the message center:

- 1 From the idle screen, press  under **Mesg. -or-**.
From the main menu, select **Messages**.
- 2 Scroll to the type of message you want to access.
- 3 Press  under the display option on the left.

The message center shows how many messages you have of each type. You can listen to, read, or delete these messages.

Message Notifications

When you receive a message, your handset notifies you with text on the display and a notification tone or vibration. You can access the message or dismiss the notification.


If you dismiss the notification, the message is not deleted. It can be accessed through the message center.


If you are not on a phone call when you receive a message, your handset sounds a notification tone every 30 seconds until you access the message or dismiss the alert.

If you are on a call when you receive a message, your handset may sound a notification tone during the call or after you end the call, depending on how you set your notification options.

Setting Notification Options

To control whether your handset sounds message notification tones while you are on phone calls:

- 1 From the main menu, select **Settings > Phone Calls > Notifications**.
- 2 Choose the option you want:
 - **Receive All** — Tones sound during calls for all types of messages.
 - **Msg Mail Only** — Tones sound during calls for mail messages; tones for all other types of messages are held until you end calls.
 - **Delay All** — Tones for all types of messages are held until you end calls.
- 3 Press .

Tip: To set notification option during a call: Press . Select **In Call Setup > Notifications**.


Voice Mail

When you receive a voice mail message, **New Voice Mail Message** appears on the display.


To call TELUS Mobility voice mail system and listen to the message:

Press  under **Call**.

To dismiss the message notification:

If the flip is closed, press . **-or-**


If the flip is open, press  or press  under **Back**.


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

Sending Unanswered Calls to Voice Mail

To send a phone call to voice mail instead of answering it:

Press . **-or-**

Press  under **No**.

If the caller leaves a message, this icon  appears on the display, reminding you that you have a new message.

Advanced Voice Mail with Fax

Mike's Advanced Voice Mail with Fax allows you to receive faxes directly to your handset and store them along with your voice messages until you're ready to print. Follow the voice mail prompts to print the fax to a fax machine. It ensures privacy, convenience and eliminates the need for a separate fax line.



When you subscribe to Mike's Advanced Voice Mail with Fax, you'll receive a fax number from your point of feature activation. If you haven't received a fax number, please contact the nearest TELUS Mobility dealer or call TELUS Mobility client care.

Please see www.telusmobility.com for more details of TELUS Mobility Voice Messaging services.

Fax Mail Indicator

Your i690 handset is equipped with a Fax Mail indicator to notify you when you have received a fax through Mike's Advanced Voice Mail with Fax.


When you receive a new fax, New FaxMail Message appears on the display.

Your handset will alert you audibly until you press  under **Call** or  under **Exit**.

Text and Numeric Messages



Mobile originated text messaging (MOSMS) lets you send and receive short text messages to and from other Mike handsets. Messages you receive appear on your handset's display and in the text message inbox.


If your handset is powered off when you receive a message, your handset notifies you the next time you power it on. If you are out of your coverage area, your handset alerts you when you return to your coverage area.

Tip: While reading a text and numeric message that contains a phone number, you can press  to call that number.

Setting Up

Before you begin using mobile originated text messaging, you may need to set up your signature, service center number, and expiration information:

- 1 From the main menu, select **Messages**.
- 2 Scroll to **Text Inbox**.
- 3 Press .
- 4 Select **Text Msg Setup**.
- 5 With the **Signature** field highlighted, press .

Enter your signature. It may be up to 11 characters long. See "Entering Text" on page 55. When you are finished, press .

6 Select **Srv Cntr No.**

Enter the phone number of your service center. If you do not know this number, contact TELUS Mobility Client Care.

When you are finished, press .

7 With the **Expire After** field highlighted, press .

This is the amount of time messages you send are saved if they cannot be delivered. After this period, they are discarded.

Scroll to select the number days you want your messages to be saved.

When you are finished, press .

8 Select **Auto Clean Up**. Set this option to **On** if you want your handset to delete sent messages.


If you set **Auto Clean Up** to **On**, select **Clean Up After** to set the number of days after which sent messages are deleted or the number of messages to be kept.

9 Press under **Done** to save the information you entered.

Receiving Messages

When you receive a message, your handset notifies you as it would with any other type of message. See “Message Notifications” on page 57.



To view the message:


Press  under **Read**.

To dismiss the message notification:

Press  under **Exit**.


Reading Messages From the Message Center

- 1 From the main menu, select **Messages > Text Inbox**.
- 2 Select the message you want to read. **-or-**
Press the number of the message you want to read.
- 3 If the message fills more than one screen, scroll to read it.
- 4 To save the message, press  under **Ok**. **-or-**
To reply to the message, press  under **Reply**. **-or-**
To see all other choices, including forwarding and deleting the message, calling the sender, or


storing the sender's number in Contacts, press .

Your text inbox holds up to 20 messages. Each message can be up to 160 letters long.

Creating and Sending Messages


- 1 From the main menu, select **Messages > Text Inbox > **. **-or-**

Select [**Create Message**] from Text Inbox, Text Outbox, or Drafts. **-or-**

Highlight Quick Notes and press  under **Create**.


- 2 To address the message:

Use the keypad to enter the phone number of the person you want to send the message to. **-or-**



Press  under **Browse**. Select **Contacts**, **Recent Calls**, or **Memo**. Select the number you want to enter.


When you are finished, press .


- 3 Enter the text of the message. See “Entering Text” on page 55. **-or-**

To use a quick note: Press  under **Browse**. Scroll to the quick note you want. For more information on quick notes, see “Using Quick Notes” on page 61.


When you are finished, press .

- 4 If you want to send the message, press  or press  under **Send**. -or-


To delete the message without sending it, press  under **Cancel**. -or-

If you want to request confirmation of delivery, save the message as a draft, or set the sending method, press . Select the option you want.

Beginning Messages From the Recent Calls List

- 1 From the recent calls list, scroll to the name you want to send a message to.
- 2 If the entry has more than one phone number stored, view the phone number you want to send the message to.
- 3 Press .
- 4 Select **Compose SMS**. The message is automatically addressed to the phone number you chose.
- 5 Follow step 3 through step 4 of “Creating and Sending Messages” on page 60.





Beginning Messages From the Idle Screen

- 1 Using the keypad, enter the number you want to send a message to.
- 2 Press .
- 3 Select **Compose SMS**. The message is automatically addressed to the phone number you chose.
- 4 Follow step 3 through step 4 of “Creating and Sending Messages” on page 60.


Using Quick Notes

Quick notes are short, pre-written text messages that you can create, edit, and send. You can store up to 20 quick notes. A quick note may be up to 30 characters long.

To create a quick note:

- 1 From the main menu, select **Messages > Quick Notes > [New Note]**.
- 2 Press  under **Create**.
Enter text. See “Entering Text” on page 55. -or-
To choose from pre-installed notes: Press  under **Browse**. Scroll to the note you want. Press  under **Select**.
- 3 Press .

Messages

Tip: For more options, including sending the quick note, press .

Using Drafts

When you save a message as a draft, it is saved in the drafts folder. You must have a draft saved to have a drafts folder.





To edit a draft:





- 1 From the main menu, select **Messages > Drafts**.
- 2 Select the draft you want to edit.
- 3 To edit the fields you want to change, follow step 2 through step 4 in “Creating and Sending Messages” on page 60.

Using the Outbox

Messages you have sent are stored in the outbox.



These icons appear next to messages in the outbox:

-  Sent and confirmed.
-  Send attempted.
-  Forwarded.
-  Received by addressee.

-  Not received by addressee.
-  Send failed.
-  Re-sent.
-  Locked.



Resending Messages

To resend a message:



- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to resend. **-or-**
Press the number of the message you want to resend.
- 3 Press . **-or-**
Press . Select **Resend**.

Deleting Sent Messages

To delete a sent message:

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to delete.
- 3 Press  under **Delete**.
- 4 Press  under **Yes** to confirm.


To delete all unlocked sent messages:

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Press .
- 3 Select **Delete All**.
- 4 Press  under **Yes** to confirm.

Locking and Unlocking Sent Messages

When you lock a message, it cannot be deleted until you unlock it.

Locking or Unlocking a Message

- 1 From the main menu, select **Messages > Text Outbox**.
- 2 Scroll to the message you want to lock or unlock.
- 3 Press .
- 4 Select **Lock or Unlock**.


Managing Memory

Your text inbox, outbox, and drafts folder have a set amount of memory available for storing messages.


The text inbox holds 20 messages. If the text inbox is full, you cannot receive messages until you delete some.

The outbox and drafts folder share memory space. Together they can hold 30 messages. If the outbox and drafts folder memory is full, you cannot send messages or save drafts until you delete some.

To view the amount of memory available in your text inbox:

- 1 From the main menu, select **Messages > Text Inbox**.
- 2 Press  under **Memory**.


To view the amount of memory available in your outbox and drafts folder:

- 1 From the main menu, select **Messages > Text Outbox** or **Messages > Drafts**.
- 2 Press  under **Memory**.

Net Alerts

Note:

When you receive a Net alert, a notification appears on the display.

If you dismiss the notification, this icon  appears on the display, reminding you that you have a new message.

My Info

My Info lets you view information about your handset and send this information to other handsets.


Viewing My Info

- 1 From the main menu, select **My Info**.
- 2 Scroll to see the entire screen.

The My Info screen contains:



- **My Name** — You can enter your name here.
- **Line 1** and **Line 2** — your phone numbers for phone lines 1 and 2. Each number appears when you receive your first call on the at line.
- **Private ID** — Your Private ID is the number that others use to contact you using Private calls. This number appears when you receive your first Private call.
- **Group ID** — the number of the Talkgroup you have joined.
- **Carrier IP** — the IP address assigned to TELUS Mobility. This number appears when you register for packet data services.
- **IP1 Address** and **IP2 Address** — the IP addresses you use to access the Internet with your handset.

- **Circuit Data** — the number you use if you want to use your handset to transfer circuit data. See “Using Your Handset as a Modem” on page 71. You receive this number from TELUS Mobility.

Note: If you request-equipment related transactions on your account, your service provider may require you to provide specific information about TELUS Mobility. By pressing  anytime while in My Info, a submenu will appear that includes your handset's service status, unit information, and handset identification numbers including IMEI, SIM ID, and Serial Number (SN). Please be prepared to supply the representative with this information when requesting these types of transactions.

Editing My Info

To edit My Info to enter or change the text that appears in **My Name**:

- 1 From the main menu, select **My Info**.
- 2 Press  under **Edit**.
- 3 Select **Name**.
- 4 Enter the name you want to appear. See “Entering Text” on page 55. When you are finished, press .

My Info

You can also edit the information in **Line 1**, **Line 2**, and **Circuit Data**, but your changes are only temporary. The next time your handset registers on the network, your actual phone numbers and circuit data number appear again in My Info.

Setting Sending Options

Your handset can send information in My Info to other handsets that have this capability.

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

Information Sent

The information your handset sends always includes **My Name** and **Private**.

It may include **Line 1**, **Line 2**, **Carrier IP**, and **Circuit Data**, depending on how you set your sending options.

To change which fields are sent:

- 1 From the main menu, select **My Info**.
- 2 Press **Ⓜ**.
- 3 Select **Send Via PTT Settings > Info to Send**.

- 4 A checkmark appears next to the fields that will be sent. To add or remove the checkmark, select the field.
- 5 When you are finished, press **Ⓜ** under **Done**.

Automatic Sending

To control whether your information is sent automatically:

- 1 From the main menu, select **My Info**.
- 2 Press **Ⓜ**.
- 3 Select **Send Via PTT Settings > AutoSend**.
- 4 To set your information to be sent automatically, set this option to **On**. -or-

To set your information to be sent only when you choose to send it, set this option to **Off**.

My Pictures

My Pictures lets you view pictures stored on your handset.

Viewing Pictures

To view pictures stored in My Pictures:

- 1 From the main menu, select **My Pictures**.

The pictures stored are listed by name.

- 2 Select the picture you want to view.

Getting File Information

To view the file type and file size of a picture:

- 1 Scroll to or select the picture.
- 2 Press **Ⓜ**.
- 3 Select **Details**.

Deleting Pictures

- 1 Scroll to or select the picture you want to delete.
- 2 Press **Ⓜ**.
- 3 Select **Delete**.

Managing Memory

To view your used memory, free memory, and memory capacity:

- 1 Scroll to or select any picture.
- 2 Press **Ⓜ**.
- 3 Select **Memory Size**.

Note: Pictures are stored in your handset using the same memory space used to store Java applications data, voice records, ring tones, messages, and wallpaper images. Deleting some of these other items frees memory space for pictures.

Digital Rights Management (DRM)

When you download multimedia content available online, such as Java applications, these items may be subject to DRM restrictions. DRM, or digital rights management, is a system that defines how copyrighted multimedia content can be distributed and used.

DRM limits items to time-based or count-based usage settings. Time-based settings let you use the given item for a specified interval. Examples of time-based settings include being able to use an item for a specified number of days from the date of purchase, a specified number of days from the date that the item is first used, or a specified number of minutes. Count-based settings let you use an item for a specified number of times after you download it or items may be available for unlimited use.

Managing Items


Note: Depending on how the third-party vendor has set rights for the given DRM item, you may be unable to perform some of the following tasks.

Viewing License Information

You can check a DRM item's license to view the following information:

- For time-based items, either the date and time the item is scheduled to expire, or the number of days left
- For count-based items, the number of credits (uses) left or an unlimited use notice
- The name of the item's vendor



To view the license of a DRM item:

- 1 Go to the location on your handset that contains the item you want.
- 2 Highlight the DRM item you want to view license information for.
- 3 Press .
- 4 Select **License Info**.

Renewing DRM Licenses

Note: You can only renew DRM licenses if the license contains a link to the page where you purchased the item.

- 1 Go to the location on your handset that contains the item you want.
- 2 Highlight the DRM item you want to renew.

- 3 Press  under **Renew** or press . Select **Renew**.
- 4 Select the link to the page where you purchased the item.
- 5 Follow the vendor's instructions for purchasing an additional license.



Deleting Items

If you delete a DRM item that you purchased from TELUS Mobility from your handset, you will have to purchase it again to download it.

Note: You cannot delete locked items.

Under certain conditions, third-party vendors will let you download an item multiple times within a given time frame, even if you deleted the item. Please contact the third-party vendor of an item to learn more about the vendor's download regulations.

To delete an item:

- 1 Go to the location on your handset that contains the item you want.
- 2 Highlight the DRM item you want to delete.
- 3 Press .
- 4 Select **Delete**.
- 5 If prompted, press  under **Yes**.

About Expired Items



Most items will continue to display on your handset until you delete them. You can also choose to renew the license for an expired item.

Note: You cannot delete items that are DRM locked.

Mike's Wireless Web Services

Your i690 handset is equipped with a microbrowser that can be used to access Mike's Wireless Web Services and other up-to-the-minute information. You can view specially designed text versions of popular Internet sites that provide news, sports, weather, entertainment, stock quote sites and other useful information.



To access the microbrowser:


From the idle screen, press  to access the main menu. Scroll to **Browser**. Press  to access the microbrowser.

Launching the Microbrowser

The first time you use the microbrowser, you will be required to go through a security setup process that takes approximately one to three minutes. Please follow the on-screen prompts to complete the security setup process. This setup process will only occur the first time you use the service.

To launch the microbrowser:

- 1 From the idle screen, press  to access the main menu.
- 2 Scroll to **Browser**. Press .

- 3 Once connected, the Homepage (or the last page visited) will be displayed. To access the Home menu page from any other menu in the microbrowser, press .
- 4 To view additional text while visiting a site, use the navigation keys to scroll to read it.

Navigating the Microbrowser

When you use the microbrowser, some keys on your handset operate differently than during a normal phone call. These keys are explained below:



Home key — press to return to the default Home page (the page first seen when you launch the browser).





Asterisk/Back key — press to return to the previous page viewed before the current page.



0/Next key — press after using the back key to return to the original page viewed.


Accessing the Browser Menu

- 1 Press and hold  to access the browser menu.
- 2 Scroll to select the desired option.
- 3 Press  under **Ok** to initiate the option.

Below is the list of available options:

- **Exit Browser** — closes the browser and returns you to the idle screen. Use this option when you want to return to the page currently viewed at a later time, without navigating through the entire menu structure again.
- **Reload** — reloads the current Wireless Web page viewed, refreshing the information with the most current from the information provider.
- **Home** — returns you to your default Home page, the first page you see when launching the microbrowser.
- **Bookmarks** — allows you to access bookmarks you have created using option.
- **Mark Site** — identifies sites you would like to visit easily and quickly from your microbrowser.
- **About Phone.com** — contains information about the version of the Phone.com browser loaded on your handset.
- **Advanced Options** — helps troubleshoot any service issues you may have with your browser.

Ending the Microbrowser Session

At any point in the session, press and hold  to close the microbrowser.

Using Your Handset as a Modem

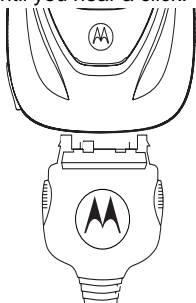
To use your handset as a modem with a laptop, handheld device, or desktop computer:

- 1 Locate the accessory connector.



Mike's Wireless Web Services

- 2** With the handset's display facing up, insert a data cable's connector into the accessory connector, until you hear a click.




- 3** Insert the data plug into the COM port of the other device.

When used as a modem, your handset has these data transfer modes:

- Circuit data — used for sending and receiving faxes and for transferring large files
- Packet data — used for small file transfers such as email.

To use these services, you must install the iDEN Wireless Data Services software (available separately). For more information on setting up your computer and your i690 handset for packet and circuit data calls, contact TELUS Mobility Client Care.

4 Press  under **Change**

5 Scroll to the baud rate for your location.

Press  under **Select**.

Using Direct Send

Direct Send lets you exchange My Info and contact information with other handsets that have this capability. You do this through Private calls.

Direct Send cannot be used during group calls.



Sending My Info and Contact Information

When you send My Info or contact information using Direct Send, the information you sent appears on the display of the handset you are engaged in the Private call with. After the call, the information appears on the recent call list of that handset.




Sending My Info

You can control what portion of the information in My Info is sent and whether it is sent automatically in every Private call or only when you choose to send it. See “Setting Sending Options” on page 66.

Sending Information During a Call

- 1 While in a Private call, press .
- 2 With **Send Via PTT** highlighted, press .
- 3 When **Ready to Send** appears on the display, press the PTT button to send the information.

Starting a Call by Sending Information

- 1 From the main menu, select **My Info**.
- 2 Press .
- 3 With **Send Via PTT** highlighted, press .
- 4 Use the keypad to enter the Private ID you want to send the information to. **-or-**
Press  under **Browse**. Select **Contacts**, **Recent Calls**, or **Memo**. Select the number you want to enter.
- 5 When **Ready to Send** appears on the display, press the PTT button to send the information.

Sending Contact Information

You can send contact information by selecting a Contacts entry or an item from the recent calls list.

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

These items from the recent calls list can be sent:

- Contact information sent from other handsets
- Calls to or from numbers stored in your Contacts list



Sending Information During a Call

- 1 While in a Private call, press .

Using Direct Send

- 2 Select **Contacts** or **Recent Calls**.
- 3 Scroll to the Contacts entry or item in the recent calls list you want to send.
- 4 When **Ready to Send** appears on the display, press the PTT button to send the information.

Starting a Call by Sending Information

- 1 From the Contacts list, scroll to or select the entry you want to send. **-or-**
From the recent calls list, scroll to or select the item you want to send.
- 2 Press .
- 3 Select **Send Via PTT**.
- 4 Use the keypad to enter the Private ID you want to send. **-or-**
Press  under **Browse**. Select **Contacts**, **Recent Calls**, or **Memo**. Select the number you want to enter.
- 5 When **Ready to Send** appears on the display, press the PTT button to send the information.

Receiving My Info or Contact Information

When you receive My Info or contact information from another handset, an icon appears on the display:



My Info.



Contact information.

To view the information while still in the Private call:

- 1 Press .
- 2 Select **View Contact**.


You can also view My Info from other handsets on the recent calls list. See “Recent Calls” on page 34.


Ring Tones

To set the ring tone your handset makes when you receive phone calls, call alerts, message notifications, or Datebook reminders:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Scroll through the list of ring tones and select the one you want to assign. **Vibrate** sets your handset to vibrate instead of making a sound; **Silent** sets your handset to neither vibrate nor make a sound.

Tip: Highlight a ring tone to hear it.

- 4 Select the features you want to assign to the ring tone.
- 5 When you are finished, press  under **Done**.


Note: This icon  appears on the display if you set your handset to neither vibrate nor make a sound for phone calls.

Setting Your Handset to Vibrate

You can set your handset to vibrate instead of making a sound when you receive all phone calls, Private calls, group calls, call alerts, message notifications, and Datebook reminders.

- 1 From the main menu, select **Ring Tones > VibeAll**.
- 2 Set this option to **On**.




To set your handset to vibrate instead of making a sound for some features but not others:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Select **Vibrate** from the list of ring tones.
- 4 Select the features you want to set to make no sound.
- 5 When you are finished, press  under **Done**.

Note: To set ring options for Private calls and group calls, see "Setting Your Handset to Vibrate" on page 104.

Ring Tones

These icons indicate how the ringer is set.

-  The handset always vibrates instead of making a sound.
-  The handset vibrates instead of making a sound for phone calls.
-  Group calls and Private calls are heard through the earpiece, not the speaker.

These icons may appear at the same time.



Assigning Ring Tones to Contacts

You can set the ring tone your handset makes when you receive phone calls or call alerts from someone you have stored in Contacts.

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Scroll through the list of ring tones and select the one you want to assign.
- 4 Select **Contact**.
- 5 Select the Contacts entry you want to assign the ring tone to.


Ring and Vibrate

To set a your handset to ring and vibrate when you receive phone calls or call alerts:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Scroll through the list of ring tones and highlight the one you want to assign.
- 4 Press .
- 5 Select **Assign w/Vibe**.
- 6 Select the features you want to set to ring and vibrate.
- 7 When you are finished, press  under **Done**.


This icon  appears on the display.

Viewing Ring Tone Assignments

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Highlight any ring tone.
- 4 Press .
- 5 Select **Overview**.
- 6 Scroll to view ring tones assigned to features and Contact entries.

Managing Memory

To view the amount of memory available for custom ring tones:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.
- 3 Highlight any ring tone.
- 4 Press .
- 5 Select **Memory Usage**.

Deleting custom ring tones frees memory.



Note: Ring tones are stored in your handset using the same memory space used to store messages, Java application data, items accessible through My Pictures, and voice records created when your handset is in a call. Deleting some of these other items frees memory for ring tones.

Deleting Custom Ring Tones

Deleting a ring tone from the list of ring tones deletes it from your handset completely, including Contacts.

To delete a custom ring tone:

- 1 From the main menu, select **Ring Tones**.
- 2 Make sure **VibeAll** is set to **Off**.

- 3 Scroll to the ring tone you want to delete.
- 4 Press .
- 5 Select **Delete**.
- 6 Press  under **Yes** to confirm.

Datebook

Datebook stores up to 250 events. You can store events over a 13 month period — 12 months after and 1 month before the current date.

A Datebook event contains:

- A subject — A name you assign to the event. You can also enter a phone number, Private ID, or Talkgroup number here. After the event is stored, you can call this number from Datebook or when you get a reminder of this event.
- A location — The location of the event. You can also enter a phone number, Private ID, or Talkgroup number here. After the event is stored, you can call this number from Datebook or when you get a reminder of this event.
- A start time — The start time automatically assigned to an event is the beginning of the day. You can change the start time, or assign no start time, before storing the event.
- A duration — The length of time the event lasts.
- A date — The date automatically assigned to an event is the date that was highlighted or selected when you began creating the event. You can change this date before storing the event.

- A repeat — An option to store the event as a recurring event.
- A reminder — If an event has a start time, you can set Datebook to remind you that the event is going to start.
- A ring tone for the reminder
- A profile that your handset is switched to while the event is occurring
- A Java application that starts when the event begins

Only the subject and date are required.

Viewing Datebook

To access Datebook:

From the main menu, select **Datebook**.

You can view Datebook by the day, by the week, or by the month. You can also view the details of any event.

In day view, brief information about each event for that day appears.


In week view, events appear as markers corresponding to their times.

In month view, days with events appear with a marker in the corner.

To view an event:

- 1 Select the day the event occurs.
- 2 Select the event.



To change the current view:

- 1 While viewing Datebook, press .
- 2 Select the view you want.

Navigating Datebook

To scroll through Datebook:

Scroll left and right using the navigation key. **-or-**

In week view and month view, press  or .


To see more in day view:

Scroll up and down using the navigation key.


To highlight a day in month view:

Enter the date using the keypad.

To go to today's date:

- 1 While viewing Datebook, press .
- 2 Select **Go To Today**.


To go to any date in Datebook:

- 1 While viewing Datebook, press .
- 2 Select **Go To Date**.
- 3 Select the date you want.

Creating Events

Every Datebook event must have a subject and be stored to a date. Other information is optional.


You may enter the information in any order by scrolling through the event details.

After you have entered the information you want, you can press  under **Done** to store the event to Datebook.

If you decide you do not want to store the event:

Press  under **Cancel**.

To create a Datebook event:

- 1 While viewing datebook, press  under **New**.
-or-

In day view, select **[New Event]**.

- 2 To assign a subject to the event:

Select **Subject**.

Enter the name. See "Entering Text" on page 55. **-or-**

Press  under **Browse** to choose from common event names. **-or-**

Enter a phone number, Private ID, or Talkgroup number. After the event is stored, you can call this number.

Datebook

When you are finished, press .

- 3 If you want to assign a location to the event:

Select **Location**.

Enter the location. See “Entering Text” on page 55. **-or-**

Enter a phone number, Private ID, or Talkgroup number. After the event is stored, you can call this number.

When you are finished, press .

- 4 The start time automatically assigned to an event is the beginning of the day. If you want to change the start time or assign no start time:

Select **Start**.

Enter the start time you want. **-or-**

Press  under **No Time** to assign no start time.

- 5 If you want to assign a duration to the event:

Select **Duration**.

Select the duration you want. **-or-**

Select **Custom** to enter a duration.

- 6 The date automatically assigned to an event is the date that was highlighted or selected when you began creating the event. To change the date of the event:

Select **Date**.


Enter the date you want.

- 7 If you want to make the event a recurring event:

Select **Repeat**.

Select the repeat cycle you want.

If the event occurs more than once a week:
Select **Multiple Day**. Select the days you want.

Press  under **Done**.

Select the date you want this event to stop recurring.


- 8 If you want to create reminder for this event:

Select **Reminder**.

Select the reminder time you want. **-or-**

Select **Custom** to enter a reminder time.

Note: If an event has no start time, you cannot create a reminder for it.

- 9 If you have entered all the information you want for this event, press  under **Done**. **-or-**

If you want to assign a ring tone, a profile, or a Java application to the event, see “Assigning More Options” on page 81.

Assigning More Options

To assign more options before storing an event:

- 1 If you have created a reminder for the event and want to set the ring tone for that reminder:

Select **Ring Tone**.

Select the ring tone you want from the ring tones stored in your handset.

- 2 If you want to assign a profile that your handset is switched to while the event is occurring:

Select **Profile**.

Select the profile you want from the profiles stored in your handset.

Your handset switches to this profile when the event starts and switches back to the previous profile when the event ends.

- 3 If you want to assign a Java application to start when the event starts:


Select **App**.


Select the application you want from the Java applications stored in your handset.

If you created a reminder for this event, your handset prompts you to start the Java application when you get the reminder.

Editing Events




To change the details of an event:

- 1 Select the day the event occurs.
- 2 Select the event.
- 3 Press  under **Edit**.

Tip: To copy an event to another date: Press . Select **Copy**.

- 4 Follow the applicable instructions in “Creating Events” on page 79 to edit the various fields.

Deleting Events

- 1 Select the day the event occurs.
- 2 Select the event.
- 3 Press .
- 4 Select **Delete**.
- 5 If the event is not recurring, press  or press  under **Yes** to confirm.

If the event is a recurring event:

Select **This Event Only** to delete only the event selected in step 2.


Select **Repeat Event** to delete all occurrences of the event.

Receiving Reminders

If you created a reminder for a Datebook event, when the reminder time occurs, your handset notifies you with text on the display and a reminder tone.



To view more details about the event:

Open the flip. **-or-**

Press  under **View**.

To dismiss the reminder:

If the flip is closed, press . **-or-**

If the flip is open, press  press  under **Dismiss**, or close the flip.

For Events with Java Applications

If you assigned a Java application to start when the event starts, you can start the application when you get the reminder.

1 Press .

2 Select **Launch**.

For Events with Numbers to Call

If you stored a phone number, Private ID, or Talkgroup number in the **Subject** or **Location** field of a Datebook event, you can call or send a call alert to that number from the reminder for that event. See “Making Calls from Datebook Reminders” on page 83.

Making Calls From Datebook and Datebook Reminders

If you stored a phone number, Private ID, or Talkgroup number in the **Subject** or **Location** field of a Datebook event, you can call or send a call alert to that number from Datebook or from the reminder of that event.

If you store numbers in both the **Subject** and **Location** fields, you can call or send a call alert to the number stored in **Subject** and the number stored in **Location** as long as the number stored in **Subject** is a Private or Talkgroup number and the number stored in **Location** is a handset number.

If both are the same type of number, the number in **Subject** is called or sent a call alert. To call or send a call alert to the number stored in **Location**, you must delete the number stored in **Subject**.

Making Calls from Datebook

To make a phone call:

- 1 Highlight or select the event containing the number you want to call.


- 2 Press  . -or-

Press . Select **Call # in Event**.

To make a Private call or Talkgroup call:


- 1 Highlight or select the event containing the number you want to call.

- 2 Press and hold the PTT button on the side of your handset. -or-

If you did not include a # before the Talkgroup you want to call: Press . Select **Talkgroup**. Press the PTT button.

To send a call alert:

- 1 Highlight or select the event containing the number you want to call or send a call alert to.

- 2 Press . Select **Alert # in Event**. Press the PTT button.

Making Calls from Datebook Reminders


To make a handset call:

Press  . -or-


Press . Select **Call # in Event**.

To make a Private call or Talkgroup call:

Press the PTT button. -or-


If you did not include a # before the Talkgroup you want to call: Press . Select **Talkgroup**. Press the PTT button.

To send a call alert:

Press . Select **Alert # in Event**. Press the PTT button.

Customizing Datebook Setup

To access Datebook set up options:

- 1 From the main menu, select **Datebook**.
- 2 Press .
- 3 Select **Setup**.

You can view or change these options:

- **Start View** — sets Datebook to start in day view, week view, or month view when you access Datebook.
- **Daily Begin** — sets the beginning of your day. This is the earliest time of day displayed in week view, if you have a 12-hour day view.

Datebook



- **Delete After** — sets the amount of time Datebook waits to delete an event after it occurs.
- **Time Shift** — lets you shift the times of all Datebook events. This is useful if you are travelling to a different time zone.
- **Alert Timeout** — sets the amount of time a tone continues to sound when you receive a Datebook reminder.
- **Clock** — controls whether the time and date appear on the idle screen; sets time and date format; sets year.

Java Applications

Your handset arrives with Java applications installed and ready to run. You can download and install more Java applications.

Note: Using Java applications may cause your handset to use up more battery power than other uses of your handset.

Installing Applications

- 1 From the main menu, select **Java Apps**.
- 2 Select the application or suite of applications you want to install.
- 3 Press .
- 4 Press  under **Done**.

Running Applications

To run an application that has a shortcut on the main menu:

- 1 From the main menu, select the application or suite of applications you want to run.
- 2 If you have selected a suite of application, select the application you want to run.


To run an application that does not have a shortcut on the main menu:

- 1 From the main menu, select **Java Apps**.
- 2 Select the application or suite of applications you want to run.
- 3 If you have selected a suite of applications, select the application you want to run.

Suspending Applications

When you suspend an application, it does not stop running. It goes to the background so that you can run another application in the foreground.

To suspend an application:

Press  or close the flip.

To view your suspended applications:

From the Java menu, select **Suspended Apps**.

You can have up to 3 applications running at one time — 1 running in the foreground and 2 in the background.

Resuming Applications

You can resume a suspended application at any time. This brings it to the foreground.


- 1 From the Java menu, select **Suspended Apps**.

Java Applications

- 2 Select the application you want to resume.





Ending Applications

To end an application:

- 1 From the main menu, select **Java Apps**.
- 2 Scroll to the application you want to end.
- 3 Press  under **End**.


Tip: You can also end applications from the **Suspended Apps** screen.




To end all applications:

- 1 From the main menu, select **Java Apps**.
- 2 Scroll to **Suspended Apps**.
- 3 Press .
- 4 Select **End All**.
- 5 Press  or press  under **Yes** to confirm.
- 6 If you want to end all applications without letting them exit, press  under **EndNow**.




Deleting Applications

To delete an application:

- 1 From the main menu, select **Java Apps**.
- 2 Select the application you want to delete.
- 3 Press .
- 4 Select **Deinstall**.



- 5 Press  or press  under **Yes** to confirm.
- 6 When your handset has finished deleting the application, press  under **Done**.

To delete all Java applications:

- 1 From the main menu, select **Java Apps**.
- 2 Select the application you want to delete.
- 3 Press .
- 4 Select **Delete All**.
- 5 Press  or press  under **Yes** to confirm.

Managing Memory

To view the amount of memory available for Java applications:

- 1 From the main menu, select **Java Apps > Java System**.
- 2 Press  under **Next**.
- 3 To see more memory information, press  under **Next** again.

Deleting Java applications frees memory.


Note: Java application data is stored in your handset using the same memory used to store voice records, ring tones, and wallpaper images. Deleting some of these other items frees memory space for Java applications.



Shortcuts on the Main Menu

When you install an application, you can create a shortcut to the application on the main menu.

To create a shortcut to an application that is already installed:


- 1 From the main menu, select **Settings > Personalize > Menu Options > Add/Remove Apps**. -or-



From the main menu: Press . Select **Main Setup > Add/Remove Apps**.

- 2 Scroll to view the list of Java applications. Any application that has a shortcut on the main menu has a checkmark next to it.
- 3 Scroll to the application you want to create a shortcut for.
- 4 Press .
- 5 Press  under **Done**.

To remove a shortcut:

- 1 From the main menu, select **Settings > Personalize > Menu Options > Add/Remove Apps**. -or-

From the main menu: Press . Select **Main Setup > Add/Remove Apps**.

- 2 Scroll to view the list of Java applications. Any application that has a shortcut on the main menu has a checkmark next to it.
- 3 Scroll to the application you want to remove the shortcut for.
- 4 Press .
- 5 Press  under **Done**.

Java Applications and GPS Enabled

Some Java applications can make use of your handset's GPS feature to determine the approximate geographical location of your handset. (See "GPS Enabled" on page 90 for more information on the GPS feature.) However, for privacy reasons, you may not always want Java applications to access the location of your handset. Your handset protects your privacy by giving you the option to block all or some Java applications from accessing the location of your handset.

Setting Privacy for All Java Applications

These options control the privacy of all Java applications on your handset:

Java Applications

- **Restricted** — No Java or similar software applications may access the location of your handset. However, location information may still be available to the handset's owner, fleet manager, or account administrator.
- **Unrestricted** — All Java applications may access the location of your handset, without notifying you.
- **By Permission** — When a Java application attempts to access the location of your handset, you are prompted to give permission. However, location information may still be available to the handset's owner, fleet manager, or account administrator.


See “Setting Privacy Options” on page 94 for information on choosing these options.

Granting or Denying Permission


If you choose **By Permission**, you must grant or deny each Java application access to the location of your handset when the application requests access for the first time. You may be required to grant or deny subsequent requests from the same application, depending on the privacy setting you choose for the individual Java application (see “Setting Privacy for Each Java Application” on page 89).

When a Java application requests access the location of your handset, a screen appears informing you.

To deny this request:

- 1 Press  under **Deny**. The application does not access the location of your handset.
- 2 Select the denying option you want:
 - **Always** — If the application requests access to the location of your handset again, the request is denied without notifying you.
 - **For this session** — If the application requests access to the location of your handset again before you power off your handset, the request is denied without notifying you.
 - **Only Once** — If the application requests access to the location of your handset again, you are prompted to grant or deny permission.

To grant this request:


- 1 Press  under **Grant**. The application accesses your handset's location.
- 2 Select the granting option you want:
 - **Always** — If the application requests access to the location of your handset again, the request is granted without notifying you.


- **For this session** — If the application requests access to the location of your handset again before you power off your handset, the request is granted without notifying you.
- **Only Once** — If the application requests access to the location of your handset again, you are prompted to grant or deny permission.

Setting Privacy for Each Java Application

After a given Java application requests access to the location of your handset for the first time, you have the opportunity to set GPS privacy option for that Java application.

- 1 From the main menu, select **Java Apps**.
- 2 Select the application or suite of applications you want to set the privacy option for.

If the application has requested access to the location of your handset,  appears when you highlight the application.

- 3 Press .
- 4 Select **Permissions**.
- 5 Select the privacy option you want for this application:

- **Always** — The application always has permission to access the location of your handset, without notifying you.
- **Ask** — When the application requests access to the location of your handset, you are prompted to grant or deny permission (see “Granting or Denying Permission” on page 88).
- **Never** — When the application requests access to the location of your handset, the request is denied without notifying you.

GPS Enabled

Your handset's GPS Enabled feature uses information from Global Positioning System (GPS) satellites orbiting the Earth to determine the approximate geographical location of your handset, expressed as latitude and longitude. The availability and accuracy of this location information (and the amount of time that it takes to calculate it) will vary depending on the environment in which you are using the GPS feature. For example, GPS location fixes are often difficult to obtain indoors, in covered locations, between high buildings, or in other situations where you have not established a clear broad view of the sky. **SEE: "IMPORTANT: Things to Keep in Mind" on page 90.**

You can also use the GPS feature to view your approximate location. Location information appears on the handset's display.

Java applications loaded on your handset can also request your location. If your handset is connected to a laptop computer or similar device, software running on that device can request your location. To protect your privacy, you can control whether these requests are granted.

IMPORTANT: Things to Keep in Mind

If you are using the GPS feature of your handset while driving, please give full attention to driving and to the road.

Where adequate signals from multiple satellites are not available (usually because your GPS antenna cannot establish a view of a wide area of open sky), **the GPS feature of your handset WILL NOT WORK. Such situations include but are not limited to:**

- In underground locations
- Inside of buildings, trains, or other covered vehicles
- Under any other metal or concrete roof or structure
- Between tall buildings or under dense tree-cover
- Near a powerful radio or television tower
- When your GPS antenna is covered (for example, by your hand or other object) or facing the ground
- In temperature extremes outside the operating limits of your handset

Walking or driving very slowly may also substantially reduce GPS performance.

Even where location information can be calculated in such situations, it may take much longer to do so, and your location estimate may not be as accurate.

Even where adequate signals from multiple satellites are available, your GPS feature will only provide an approximate location, often within 45 meters (150 feet) but sometimes much further from your actual location. Advice on how to improve GPS performance is provided in “Enhancing GPS Performance” on page 92.

While the GPS feature of your handset can be a valuable navigational aid, it does not replace the need for careful navigating and good judgment. **Never rely solely on one device for navigation.** Remember that the accuracy of the location information and the time needed to obtain it will vary depending on circumstances, particularly the ability to receive signals from adequate numbers of satellites.

The satellites used by the GPS feature of your handset are controlled by the U.S. government and are subject to changes implemented in accordance with the Department of Defense GPS user policy and the Federal Radionavigation Plan. These changes may affect the performance of the GPS feature of your handset.

Viewing Your Approximate Location


- 1 From the main menu, select **GPS > Position**.
- 2 Scroll to view the entire screen.

This displays the following information about the last time your location was calculated:

- The time (as Greenwich Mean Time) and date that the location was last calculated
- The approximate location, expressed as latitude and longitude
- The estimated accuracy of the calculated location. This estimate of accuracy is only a very rough estimate and may vary substantially from the actual accuracy of the approximate location information reported.
- The number of satellites used to calculate the location. In general, more satellites make for better accuracy.

GPS Enabled


To calculate your location again:


Press  under **Rfrsh.**

It may take your handset several minutes to complete the process of determining your location. During this time, a message usually appears on your handset's display saying your handset is scanning for satellites. For tips on getting the best location calculation, see "Enhancing GPS Performance".

The **Position** screen displays the updated information.

To cancel a location calculation before it is completed:

Press  under **Cancel** to return to the **Position** screen. **-or-**

Press  to return to the idle screen.

Each time approximate location of your handset is calculated, the latest location information is stored in your handset and remains there even when your handset is powered off. You will see this information the next time you view the **Position** screen.

If you received a phone call or alert while attempting to determine your location, the **Position** screen will disappear, but your handset will continue attempting to determine its location. If it is successful, the new location information will be displayed the next time you view the **Position** screen.

Enhancing GPS Performance

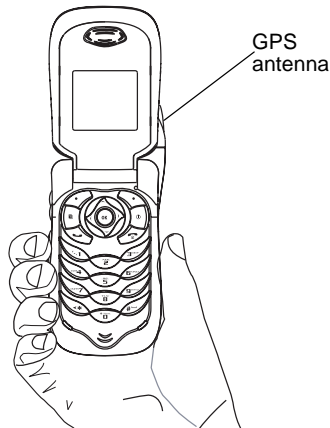
Sometimes the GPS feature of your handset may be unable to complete a location calculation successfully. If this happens when you are trying to view your location on the handset's display, you will see a message indicating that your handset cannot access satellites.

To improve accuracy and increase your chances of a successful calculation, do the following while your handset is determining your approximate location:

- Stay in the open. The GPS feature works best where there is nothing between your handset and a large amount of open sky. If possible, go outside, away from tall buildings and foliage. While performance in a building is improved by moving closer to windows, glass with certain sun shielding films may block satellite signals.
- Extend your handset's antenna.

Updating Satellite Almanac Data

- Hold your handset to enhance reception. Signals from GPS satellites are transmitted to your GPS antenna, which is in your handset antenna. Hold your handset away from your body, giving the antenna clear access to satellite signals. Do not cover the antenna area with your fingers or anything else.



- Stand still. If possible, stand still until your handset is finished determining your location. Moving your handset at a walking pace while your handset is calculating your approximate location may substantially decrease GPS performance.
- In a car. When using the GPS Enabled feature in a car, position your handset so that the GPS antenna has good access to GPS signals through the car's windows. Typically, the GPS antenna has best access to GPS signals in a car when placed near a window.
Note: Although moving your handset at a walking pace decreases GPS performance, moving it at the speed of a moving car does not.
- Stay in network coverage. The network will provide your handset with information that helps determine your location more quickly and accurately.

Updating Satellite Almanac Data

Another way to keep the GPS feature of your handset working well is to keep your satellite almanac data up to date.

GPS Enabled

The United States government maintains an almanac of data about where GPS satellites are as they orbit the Earth. This information is available to your handset. Keeping your satellite almanac up to date helps your handset determine your location more quickly.

The almanac contains information about the location of satellites, their operational status, and other satellite information. Keeping this information updated enhances the performance of your GPS feature. In most cases, your handset will be able to get a fix in strong satellite signal conditions with outdated almanac data, but it may take longer.

If your satellite almanac data is out of date, your handset may prompt you to update it. Follow the instructions that appear on the handset's display. You may be asked to go to a web site or call a customer care number.

Setting Privacy Options

Your handset's GPS privacy options control whether Java applications on your handset or other software applications may view the location of your handset. You may set your handset to one of these GPS privacy options.

Note: Privacy options do not apply to the transmission of location information during emergency 911 calls.

To set your GPS privacy options:

- 1 From the main menu, select **GPS > Privacy**.
- 2 If your GPS PIN security feature is enabled, enter your GPS PIN. (See "Setting the GPS PIN Security Feature" for more information.)
- 3 Select the privacy option you want:
 - **Restricted** — No Java or similar software applications may view the location of your handset. However, location information may still be available to the handset's owner, fleet manager, or account administrator.
 - **Unrestricted** — All applications may view the location of your handset, without notifying you.
 - **By Permission** — When an application attempts to view the location of your handset, you will be prompted to give permission. However, location information may still be available to the handset's owner, fleet manager, or account administrator.

Setting the GPS PIN Security Feature

To prevent your GPS privacy settings from being altered without your knowledge, your GPS privacy option can be protected by a PIN.

When you receive your handset, the GPS security feature is turned off, so you do not have to enter a GPS PIN to access your GPS privacy options. If you turn this feature on, you will be required to enter a GPS PIN to access your GPS privacy options.

To turn the GPS Enabled security feature on or off:

- 1 From the main menu, select **Settings > Security > GPS PIN**.
- 2 Select **On** or **Off**.
- 3 Enter the current GPS PIN.




Note: When you receive your handset, your GPS PIN is 0000.

- 4 Press  under **Ok**.

To change your GPS PIN:

- 1 From the main menu, select **Settings > Security > Change Password > GPS PIN**.
- 2 Enter the current GPS PIN.

Note: When you receive your handset, your GPS PIN is 0000.

- 3 Press  under **Ok**.
- 4 Enter the new 4- to 8-digit GPS PIN.
- 5 Press  under **Ok**.
- 6 Enter the new 4- to 8-digit GPS PIN to confirm.
- 7 Press  under **Ok**.

Using GPS with Map Software

You can use the GPS feature of your handset to provide approximate location data to a laptop computer or similar device that is running interactive map software such as that made by DeLorme or Microsoft. This way, if your handset has good access to GPS signals, your approximate position on a map can be made available as you travel in a vehicle.

To do this, connect your handset to your laptop (or other device) with a data cable and set your handset to transmit data (see “Getting Started” on page 96). Your handset then provides your approximate location to the device running the map software, which displays your location on a map. Your handset provides an updated location every second and the map software displays your changing location on its map.

See “Enhancing GPS Performance” on page 92 for more details on obtaining good location information.

Note: Because your handset is continuously determining your location, using the GPS feature of your handset with map software uses the handset’s battery power quickly.

GPS Enabled

Software Compatibility

Your handset sends location information to your laptop or other device using the standard National Marine Electronics Association (NMEA) format. Your handset supports output messages in NMEA-0183 format and supports the following NMEA-0183 sentences: GGA, GLL, GSA, GSV, RMC, and VTG.

The map software running on your laptop or other device must support NMEA 3.0.

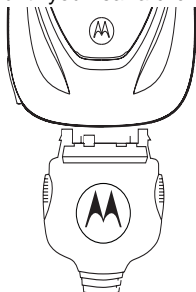
Getting Started

To connect your handset to your laptop or other device:

- 1 Locate the accessory connector.



- 2 With the handset's display facing up, insert the data cable's connector into the accessory connector, until you hear a click.



- 3 Insert the data plug into the COM port of your laptop or other device.

Make sure no other application is using the COM port selected.

Make sure the COM port settings of your laptop or other device are set to the following:

- Bits per second: 4800
- Data bits: 8
- Parity: None
- Stop bits: 1
- Flow control: Hardware

To set your handset to send location information to your laptop or other device:

1 From the main menu, select **GPS > Interface**.

2 Set **NMEA OUT** to **On**.

Your handset is now sending location data to your laptop or other device.

To stop your handset from sending location data to your laptop or other device:

Set **NMEA OUT** to **Off**.


Each time you power your handset on, **NMEA OUT** is automatically set to **Off**.

Voice Records



A voice record is a recording you make with your handset and can play back. You can record notes to yourself when your handset is not in a call or record phone calls when your handset is in a call.

Creating Voice Records

To record a note to yourself:

- 1 From the main menu, select **VoiceRecord > [New VoiceRec]**.
- 2 Say the message you want to record into the microphone.
- 3 When you are finished recording, press .


To record a phone call:

- 1 While on an active call, press .
- 2 Select **Record**.
- 3 When you are finished recording, press .

Note: Recording of phone calls is subject to applicable laws regarding privacy and recording of phone conversations.

Playing Voice Records



- 1 From the main menu, select **VoiceRecord**.
- 2 Select the voice record you want to play.

- 3 To stop the voice record while it is playing, press .

Tip: To pause or resume, press any key.

Labeling Voice Records

When you create a voice record, it is labeled with the time and date it was recorded. You can then rename it with a custom label.

- 1 From the main menu, select **VoiceRecord**.
- 2 Select the voice record you want to label.
- 3 Press  under **Label**.
- 4 Enter the label you want to assign. See “Entering Text” on page 55.
- 5 Press .



Viewing Voice Records

To view your list of voice records:

- 1 From the main menu, select **VoiceRecord**.
- 2 Scroll to view more voice records.


Voice Records Icons



One of these icons appears next to each voice record:

-  A voice record made while your handset was not in a call.
-  A voice record made while your handset was in a call.

Filtering by Voice Record Type

You can set your handset to show all voice records, only voice records created when your handset was in a call, or only voice records created when your handset was not in a call.


- 1 From the main menu, select **VoiceRec**.
- 2 Scroll to any voice record.
- 3 Press .
- 4 Select **Filter**.
- 5 Select the option you want:
 - **All** — show all voice records.
 - **In Call** — show only voice records created when your handset was in a call.
 - **Normal** — show only voice records created when your handset was not in a call.

Tip: You can also press  or  to scroll through these options while viewing the list of voice records.

Locking Voice Records

When you lock a voice record, it cannot be deleted until you unlock it.


- 1 From the main menu, select **VoiceRecord**.
- 2 Select the voice record you want to lock or unlock.
- 3 Select **Lock** to lock the message. **-or-**
Select **Unlock** to unlock the message.

When a voice record is locked, this icon  appears next to it.

Deleting Voice Records



Deleting a voice record from the voice record list deletes it from your handset completely, including the media center and Contacts.

To delete a voice record:

- 1 From the main menu, select **VoiceRecord**.
- 2 Scroll to the unlocked voice record you want to delete.
- 3 Press .

Voice Records

4 Select **Delete**.

5 Press  and  under **Yes** to confirm.



To delete all voice records:

1 From the main menu, select **VoiceRecord**.

2 Scroll to any voice record.

3 Press .

4 Select **Delete All**.

5 Press  and  under **Yes** to confirm.

Note: Voice records are stored in your handset using the same memory space used to store Java application data, ring tones, and wallpaper images. Deleting some of these other items frees memory space for voice records.

Managing Memory

To view the amount of memory available for voice records:

1 From the main menu, select **VoiceRecord**.

2 Press .

3 Select **Memory**.



To free more memory by deleting all unlocked voice records:

1 From the main menu, select **VoiceRecord**.

2 Press .

3 Select **Memory**.


4 Select **Delete**.

5 Press  and  under **Yes** to confirm.

Memo

Memo lets you store a number, make a call to that number, and save it to Contacts.


To create a memo:

- 1 From the main menu, select **Memo**.
- 2 Enter the number using your keypad.
- 3 Press .


To view the memo later:

From the main menu, select **Memo**.


To delete the memo:

- 1 From the main menu, select **Memo**.
- 2 Press and hold  under **Delete**.

To edit the memo:


- 1 From the main menu, select **Memo**.
- 2 Enter the new number.
- 3 Press .

To make a call to the memo number:


- 1 From the main menu, select **Memo**.
- 2 To make a Phone call, press . -or-

To make a Private call, press the PTT button.

To store the memo number to Contacts:

- 1 From the main menu, select **Memo**.
- 2 Press .
- 3 Select **Store to Cntcs**.
- 4 To store the number as a new entry, select **[New Contact]**. -or-

To store the number to an existing entry, select the entry.

- 5 With the Contacts type field highlighted, scroll left or right to display the Contacts type you want to assign the number.
- 6 If you want to add more information to the entry, follow the applicable instructions in “Creating Entries” on page 40.
- 7 Press  under **Done**.

Shortcuts







Shortcuts lets you access most menu options by pressing a number on your keypad or saying the voice name of the shortcut. You create the shortcut and then use it to take you to that screen any time.

Creating a Shortcut

- 1 Go to the menu item you want to create a shortcut for.


For example, if you want to create a shortcut to the screen for creating a new Contacts entry:

From the main menu, select **Contacts > [New Contact]**.

- 2 Press and hold  until a confirmation screen appears.
- 3 Press  or press  under **Yes**.
- 4 A screen appears showing the number assigned to the shortcut. If you want to change the number assigned: Press  under **Edit**. Enter the number you want to assign. Press .
- 5 If you want to record a voice name for the shortcut: Select **Voice**. As directed by the screen prompts, say and repeat the name you want to assign to the number. Speak clearly into the microphone.
- 6 Press  under **Done**.

Using a Shortcut


If you know the shortcut number:

- 1 From the idle screen, press .
- 2 On your keypad, press the number assigned to the shortcut.

If you do not know the shortcut number:




- 1 From the main menu, select **Shortcuts**.
- 2 Select the shortcut you want to use.

If you assigned a voice name to the shortcut:


- 1 Press .
- 2 Say the voice name into your handset.

Editing a Shortcut

To change the number assigned to a shortcut:

- 1 From the main menu, select **Shortcuts**.
- 2 With any shortcut highlighted, press .
- 3 Select **Reorder**.
- 4 Highlight the shortcut you want to move.
- 5 Press  under **Grab**.
- 6 Scroll to the place where you want the shortcut to appear.
- 7 Press  under **Insert**.

8 Repeat step 4 through step 7 for all the items you want to move.

9 Press  under **Done**.

To change the name or number assigned to a shortcut:

1 From the main menu, select **Shortcuts**.

2 Highlight any shortcut.

3 Press  under **Edit**.

Deleting Shortcuts

To delete a shortcut:

1 From the main menu, select **Shortcuts**.

2 Scroll to the shortcut you want to delete.


3 Press .

4 Select **Delete**.

5 Press  or press  under **Yes** to confirm.

To delete all shortcuts:

1 From the main menu, select **Shortcuts**.

2 With any shortcut highlighted, press .


3 Select **Delete All**.

4 Press  or press  under **Yes** to confirm.

Customizing Your Handset

Setting the Volume

To set the volume of the sound coming from the handset's earpiece or speaker:

- 1 From the main menu, select **Settings > Volume**.
- 2 Select **Earpiece** to set the earpiece volume. **-or-**
Select **Speaker** to set the speaker volume.
- 3 To set the volume:
Scroll left or right. **-or-**
Press the volume keys on the side of your handset.
- 4 Press .

To set the volume of the handset's ring:

Press the volume controls.

Setting Your Handset to Vibrate

To set your handset to vibrate instead of making a sound when you receive all phone calls, Private calls, group calls, call alerts, message notifications, and Datebook reminders, see "Setting Your Handset to Vibrate" on page 75.

To set your handset to vibrate instead of making a sound when you receive Private calls and group calls, even if you want your handset to ring for other features:

- 1 From the main menu, select **Settings > 2-Way Radio > Alert Type**.
Tip: If **Alert Type** does not appear: From the main menu, select **Ring Tones**. Make sure **VibeAll** is set to **Off**. Repeat step 1.
- 2 Select **Vibrate** to set your handset to vibrate. **-or-**
Tip: Select **Silent** in step 2 to set your handset to neither vibrate nor make a sound.

Changing the Look of Your Handset


Wallpaper

A wallpaper is an image that appears on the idle screen.

Note: Some themes may prevent you from changing your wallpaper.

Choosing a Wallpaper

- 1 From the main menu, select **Settings > Display/Info > Wallpaper > Wallpaper**.
- 2 Select the wallpaper you want.

Tip: If you want to see what the wallpaper looks like, press  under **View**.

Setting Wallpaper to Change Automatically

- 1 From the main menu, select **Settings > Display/Info > Wallpaper > Auto Cycle**.
- 2 Select how often you want the wallpaper to change.

Any of the wallpapers in your handset may appear on the idle screen.

Setting Text Size

To set the size of the text on the internal display:


- 1 From the main menu, select **Settings > Display/Info > Text Size**.
- 2 Select the option you want:
 - **Zoom** — 11 characters per line
 - **Standard** — 14 characters per line
 - **Compressed** — 18 characters per line

To set your handset to briefly display very large digits when you enter numbers at the idle screen:

- 1 From the main menu, select **Settings > Display/Info > Large Dialing**.
- 2 Set this option to **Large Digits**.


Setting the Menu View

You can set the items on your main menu and Java applications menu to appear as large icons or a list:

- 1 From the main menu, select **Settings > Display/Info > Menu View**. -or-
From the main menu: Press . Select **Main Menu Setup > Menu View**.
- 2 To choose a list, select **List View**. -or-
To choose large icons, select **Icon View**.

Setting the Menu View

You can set the items on your main menu and Java applications menu to appear as large icons or a list:

- 1 From the main menu, select **Settings > Display/Info > Menu View**. -or-
From the main menu: Press . Select **Main Menu Setup > Menu View**.
- 2 To choose a list, select **List View**. -or-
To choose large icons, select **Icon View**.

Setting the Backlight

A backlight lights the display and keypad when you make or receive a call, open or close the flip, or press keys or buttons.

If you do not do any of these things for 10 seconds, the backlight dims. If you do not do any of these things for 30 seconds or more, the backlight turns off.

When the backlight is off, pressing a key on the keypad turns the backlight on but does not perform the action associated with the key.

To control how long the backlight stays on:

- 1 From the main menu, select **Settings > Display/Info > Backlight > Backlight**.
- 2 Select the number of seconds you want the backlight to stay on.

Tip: To control how long the backlight stays on while a Java application is displayed: Select **Settings > Display/Info > Backlight > Java Timer**.

To set the keypad backlight to light up only in low light conditions:

- 1 From the main menu, select **Settings > Display/Info > Backlight > Sensor**.
- 2 Set this option to **On**.

Airplane Mode—Temporarily Turning Off Calls


Sometimes you may want to have your handset on, but turn off its ability to make and receive calls, such as when you are on an airplane.

To set your handset so that it cannot make or receive phone calls, Private calls, or group calls; or transfer data:

- 1 From the main menu, select **Settings > Advanced > Airplane Mode**.

- 2 Set this option to **On**.

This icon  appears.

Note: While powering on your handset, you can turn on Airplane mode by pressing  for more than 5 seconds.

To restore your handset's ability to do all these things:

Set this option to **Off**.

Using a Headset

If you use a headset or similar device with your handset, you can set your handset to send incoming sound to the headset only, or to the headset and the speaker at the same time:

- 1 From the main menu, select **Settings > Advanced > Headset/Spkr**.
- 2 Select **HdsetOnly** to send incoming sound to the headset only. **-or-**

Select **Hdset&Spkr** to send incoming sound to the headset and ring tones to the speaker.

Note: If you are using your handset with a headset, and you have the **Flip to End** option set to **On**, closing your flip sends incoming sound to the headset and does not end the call. See "Setting Flip Actions" on page 50.

Using a Remote PTT Button

If you are using a headset or other accessory with a remote PTT button, you can use the remote PTT button for phone calls and Private calls.

For phone calls, use the remote PTT button to answer calls, switch between calls, and end calls. Hold the remote PTT button for less than 2 seconds to answer calls and switch between calls. Hold the remote PTT button for more than 2 seconds to end calls.

For Private calls, use the remote PTT button as you would the PTT button on your handset.

Using Settings

Settings contains many submenus that let you customize your handset.

For information on applying groups of settings to your handset together, see "Profiles" on page 112.

Display/Info Features

The Display/Info menu controls how the keypad and display appear:

- **Wallpaper** — changes the wallpaper that appears on the idle screen.
- **Palette** — changes the color scheme of the display.

Customizing Your Handset

- **Text Size** — sets size of text on the display.
- **Home Icons** — controls whether main menu icons appear on the idle screen.
- **Backlight** — controls backlight illumination.
- **Clock** — controls whether the time and date appear on the idle screen; sets time and date format; sets year.
- **Menu View** — controls whether the items on your main menu and Java applications menu appear as large icons or a list.
- **Large Dialing** — sets large digits to appear on the idle screen when you enter a number.
- **Contrast** — sets the contrast of the display.
- **Language** — sets the language that your handset displays.

Phone Calls Features

The Phone Calls menu controls how your handset handles phone calls:

- **Set Line** — sets phone line 1 or phone line 2 as the active line for outgoing calls.
- **Any Key Ans** — If this feature is on, you can answer calls by pressing any key on the keypad.
- **Auto Redial** — sets your handset to automatically redial calls you make when the system is busy.

- **Call Waiting** — See “Call Waiting” on page 46.
- **Auto Ans** — sets your handset to automatically answer an incoming call after a specified number of rings. When this feature is on, the handset answers by connecting you to the caller; it does not send the call to voice mail, unless you are out of coverage or on the line.
- **Flip Activation** — See “Setting Flip Actions” on page 50.
- **Minute Beep** — causes a beep to sound every minute of an active call.
- **Call Duration** — causes the duration of a call to appear on the display when the call ends.
- **Notifications** — See “Setting Notification Options” on page 56.
- **TTY** — See “Using Your Phone With a Teletypewriter (TTY) Device:” on page 53.
- **Hearing Aid** — See “Using Your Handset With a Hearing Aid” on page 52.
- **Java App Control** — If you have installed a Java application that answers phone calls, this setting lets you turn that application on.

2-Way Radio Features


The 2-Way Radio menu controls how your handset handles Private calls and group calls:

- **Tkgrp Silent** — controls whether you hear group calls to your Talkgroup. See “One-to-Many Group Calls” on page 20.
- **Tkgrp Area** — lets you define your Talkgroup area.
- **One Touch PTT** — control the action of the PTT button from the idle screen. See “Setting One Touch PTT” on page 17.
- **Alert Type** — controls how your handset notifies you when you receive Private calls and group calls.

Personalize Features

The Personalize menu makes main menu items easier to access.

- **Menu Options** — **Reorder Menu** lets you change the order of the items on the main menu by grabbing and moving them; **Add/Remove Apps** lets you create a shortcut to a Java application on the main menu.
- **Up Key** — sets the main menu item you access when you scroll up from the idle screen.
- **Down Key** — sets the main menu item you access when you scroll down from the idle screen.
- **Left Key** — sets the main menu item you access when you scroll left from the idle screen.

- **Right Key** — sets the main menu item you access when you scroll right from the idle screen.
- **Center Key** — sets the main menu item you access when you press  from the idle screen.
- **Left Sftkey** — sets the main menu item you access when you press the left option key from the idle screen.
- **Right Sftkey** — sets the main menu item you access when you press the right option key from the idle screen.
- **Power Up** — sets the main menu item you see when you power on your handset.

Volume Features

The Volume menu sets the volume of sounds your handset makes:

- **Line 1** — sets ringer volume for phone line 1.
- **Line 2** — sets ringer volume for phone line 2.
- **Messages** — sets the volume of message notifications and Datebook reminders.
- **Earpiece** — sets the volume of sound coming out of the earpiece.
- **Speaker** — sets the volume of sound coming out of the speaker.

Customizing Your Handset

- **Keypad** — sets the volume of sound associated with pressing keys and buttons.
- **Java Earpiece** — sets the volume of sound associated with Java applications coming out of the earpiece.
- **Java Speaker** — sets the volume of sound associated with Java applications coming out of the speakers.
- **Data** — sets the volume of sounds that notify you that you are receiving a circuit data call.

Security Features

The Security menu lets you turn security features on and off and change passwords:

- **Phone Lock** — turns on a feature that locks your handset: **Lock Now** takes effect immediately; **Auto Lock** takes effect when your handset is powered off and then on. An unlock code is required to enable this feature, to unlock the handset, and to set a new unlock code. Contact TELUS Mobility for your default unlock code.
- **Keypad Lock** — locks the handset's keypad, either immediately or automatically after a set period of inactivity. See "Accessories" on page 15 for more information on locking and unlocking the keypad.

- **SIM PIN** — enables and disables your handset's SIM PIN security feature. See "Turning the PIN Requirement On and Off" on page 11.
- **GPS PIN** — enables and disables your handset's GPS PIN security feature. See "Setting the GPS PIN Security Feature" on page 94.
- **Change Passwords** — changes your handset unlock code, security code, SIM PIN, and GPS PIN.

Advanced Features

The Advanced menu contains advanced and infrequently used Settings features.

- **Alert Timeout** — sets the amount of time a tone continues to sound when you receive a message notification, call alert, or Datebook reminder.
- **Headset/Spker** — See "Using a Headset" on page 107.
- **Disco Lights** — sets the keypad and the external display to light up when a musical ring tone sounds.

- **Connectivity** — **Network ID** sets the handset's network IDs and their roaming options under the direction of TELUS Mobility Client Care; **Master Reset** lets TELUS Mobility reset your service in the event of a security or provisioning problem.
- **Reset Defaults** — **Reset Settings** returns all settings to their original defaults; **Reset All** returns all settings to their original defaults and erases all stored lists. Use only under the direction of your TELUS Mobility Client Care.
- **Return to Home** — **After Handset** controls how long the recent calls list displays after handset calls; **After Prvt** controls how long the recent calls list displays after Private calls.
- **Airplane Mode** — prevents your handset from making or receiving phone calls, Private calls, or group calls, or transferring data.
- **Phone Only** — allows you to conserve battery life by turning off dispatch and data modes.
- **Baud Rate** — sets the baud rate at which your handset communicates with a laptop computer, PC, or similar device.

Profiles

A profile is a group of settings saved together so that you can apply them to your handset easily.

A profile contains these settings:

- **Ring Tones** — sets all options described in “Ring Tones” on page 75, except assigning ring tones to Contacts.
- **Display/Info** — sets **Wallpaper**, **Color Palette**, **Text Size**, and **Backlight** options. See “Display/Info Features” on page 107.
- **Phone Calls** — sets **Set Line** and **Auto Ans** options. See “Phone Calls Features” on page 108.
- **Volume** — sets all options described in “Volume Features” on page 109.
- **Call Filter** — controls which calls, call alerts, and message notifications your handset responds to. See “Setting Call Filtering” on page 113.
- **Advanced** — sets headset option. See “Using a Headset” on page 107.


Your handset arrives with pre-set profiles. You can also create your own profiles.

Viewing Profiles

To view the profiles stored in your handset:


- 1 From the main menu, select **Profiles**.
- 2 Select the profile you want to view.

Tip: The profile that is currently in effect on your handset has a checkmark next to it.

- 3 Press  under **View**.
- 4 Scroll to view settings.

Switching Profiles

To apply a profile to your handset:

- 1 From the main menu, select **Profiles**.
- 2 Scroll to the profile you want to apply.
- 3 Press .

The profile you selected is now in effect.

How Changing Settings Affects Profiles

Many of the settings contained in profiles can be set without switching or editing profiles — for example, by selecting **Settings** or **Ring Tones** to set options, or by setting the volume of the handset's ring using the volume controls.

When you do this, your handset updates the profile in effect to reflect these changes, without notifying you.

Creating Profiles

- 1 From the main menu, select **Profiles**.
- 2 Select **New Profile**. -or-
Scroll to any profile. Press . Select **New**.
- 3 Enter the name you want to give the profile. See “Entering Text” on page 55.
When you are finished, press .
- 4 If you want to base this profile on an existing profile: Select **Copy from**. Select the profile you want to base this profile on.
- 5 Press under **Create**.
- 6 Scroll through the list of options and set their values.
- 7 Press under **Done**.

Editing Profiles

- 1 From the main menu, select **Profiles**.
- 2 Scroll to the profile you want to edit.
- 3 Press .
- 4 Select **Edit**.

Follow the applicable instructions in “Creating Profiles” to edit the various fields.

Deleting Profiles

To delete a profile:

- 1 From the main menu, select **Profiles**.
- 2 Select the profile you want to delete.
- 3 Press .
- 4 Select **Delete**.
- 5 Press and press under **Yes** to confirm.

To delete all profiles:

- 1 From the main menu, select **Profiles**.
- 2 Press .
- 3 Select **Delete All**.
- 4 Press and press under **Yes** to confirm.

Setting Call Filtering

The call filtering setting in each profile lets you control which calls, call alerts, and message notifications your handset notifies you of, and which it ignores.

To set call filtering:


- 1 While setting options for a profile, select **Call Filter**.

Profiles

2 To set filtering options for phone calls, select **Phone**.

- **Off** sets your handset to notify you of all phone calls.
- **All** sets your handset to ignore all phone calls.
- **All Contacts** sets your handset to notify you only of phone calls from numbers stored in Contacts.
- **Some Cntcs** sets your handset to notify you only of phone calls from numbers you select from Contacts.

3 If you set the **Phone** option to **Some Cntcs**, select up to 5 Contacts entries that contain phone numbers you want to be notified of calls from.

When you are finished, press  under **Done**.

4 To set filtering options for Private calls and group calls, select **Prvt/Grp**.

- **Off** sets your handset to notify you of all Private calls and group calls.
- **On** sets your handset to ignore all Private calls and group calls.

5 To set filtering options for call alerts, select **Alerts**.

- **Off** sets your handset to notify you of all call alerts.

- **On** sets your handset to ignore all call alerts.

6 To set filtering options for message notifications, select **Notifications**.

- **Off** sets your handset to notify you of all messages.
- **Voice Messages** sets your handset not to sound a tone or vibrate when you receive voice messages.
- **Text Messages** sets your handset not to sound a tone or vibrate when you receive text messages.
- **All** sets your handset not to sound a tone or vibrate when you receive any message.

Note: When you receive a type of message you have set not to sound a tone or vibrate, the messages notification screen appears as usual.

7 Press under **Done**.

Using a Headset

If you use a headset or similar device with your handset, you can set your handset to send incoming sound to the headset only, or to the headset and the speaker at the same time:

Note: The preferred connection to your handset is a wired audio device. If you insert a wired headset into the audio jack on your handset, audio will be routed to the wired headset and you will lose your Bluetooth headset connection.

- 1 From the main menu, select **Settings > Advanced > Headset/Spkr.**
- 2 Select **HdsetOnly** to send incoming sound to the headset only. **-or-**

Select **Hdset&Spkr** to send incoming sound to the headset and ring tones to the speaker.

Note: If you are using your handset with a headset, and you have the **Flip to End** option set to **On**, closing your flip sends incoming sound to the headset and does not end the call. See “Setting Flip Actions” on page 50.

Attaching a Headset

The i690 is compatible with stereo headsets, stereo PTT headsets, mono headsets, and mono PTT headsets.

- 1 Lift the audio jack cover.
- 2 Insert the headset connector firmly into the audio jack. You may have to rotate the headset connector until it fits securely into the audio jack.

Using a Remote PTT Button

If you are using a headset or other accessory with a remote PTT button, you can use the remote PTT button for phone calls, Private calls, and group calls.

For phone calls, use the remote PTT button to answer calls, switch between calls, and end calls. Hold the remote PTT button for less than 2 seconds to answer calls and switch between calls. Hold the remote PTT button for more than 2 seconds to end calls.

For Private calls and group calls, use the remote PTT button as you would the PTT button on your handset.

Understanding Status Messages

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

Status Messages	Message Description
Number Not in Service	The number that you entered is not valid.
User Not Available	The handset that you called is either busy, out of coverage, or turned off. Please try again later.
User Not Authorized	The person that you called has not purchased this service.
Please Try Later	This service is temporarily not available. Please try again later.
Service Restricted	This service was restricted by TELUS Mobility, or this service was not purchased.

Status Messages	Message Description
Service Not Available	You are either out of coverage or having problems with provisioning.
System Busy	The system is experiencing heavy traffic. Please try again later.
Service Conflict	This service cannot be enabled because an incompatible service has already been turned on.
Please Try Again	An error occurred. Please try again.
SIM PIN incorrect. Try again.	You have entered an incorrect PIN number.
Please Enter Special Code	You have inserted a SIM card that will not work with a TELUS Mobility handset. Contact TELUS Mobility Client Care if you believe this is a valid SIM card.
Self Check Error + Number Code	A fault was detected with your handset. If this error recurs, note the error code and contact TELUS Mobility Client Care.
Self Check Fail + Number Code	An operational fault was detected with your handset. Note the numeric code, turn your handset off, and contact TELUS Mobility Client Care.

Status Messages	Message Description
PIN Blocked Call Your Provider	The incorrect PIN was entered 3 consecutive times. You will be unable to place or receive calls on your handset. Contact TELUS Mobility Client Care to have them obtain the PIN Unblock Key (PUK) code.
Insert SIM	Your SIM card is not being detected. Please check to ensure that you have inserted the SIM card correctly into your handset.
Enter SIM PIN	Please enter your 4- to 8- digit SIM PIN code.
Enter Unlock Code	Auto Phone Lock is activated. Enter your unlock code.
New Browser Message Memory Full!	Warns of low memory for Net Alerts.
Scanning for Satellites	Searching for GPS satellites.
Unable to Locate Sats	Could not find GPS satellites.
Technical Error	A problem occurred in your handset's GPS circuitry. If this error occurs, contact TELUS Mobility Client Care.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR INTEGRATED MULTI-SERVICE PORTABLE RADIO.

RF Operational Characteristics

Your radio product contains a radio frequency transmitter to convey the information you wish to send as well as occasional automatic signals used to sustain connection to the wireless network, and a receiver which enables you to receive communication and connection information from the network.

Portable Radio Product Operation and EME Exposure

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

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

To assure optimal radio product performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Phone Operation

When placing or receiving a phone call, hold your radio product as you would a wireline telephone. **Speak directly into the microphone.**

Two-way radio operation

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



Body-worn operation

To maintain compliance with FCC RF exposure guidelines, if you wear a radio product on your body when transmitting, always place the radio product in a **Motorola approved clip, holder, holster, case or body harness for this product.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a Motorola approved body-worn accessory and are not using the radio product in the intended use positions along side the**

head in the phone mode or in front of the face in the two-way radio mode, then ensure the antenna and the radio product are kept the following minimum distances from the body when transmitting

- **Phone or Two-way radio mode: one inch (2.5 cm)**
- **Data operation using any data feature with or without an accessory cable: one inch (2.5 cm)**

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the radio product and may violate FCC regulations.

DO NOT hold the antenna when the radio product is "IN USE". Holding the antenna affects call quality and may cause the radio product to operate at a higher power level than needed.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, or visit our website at www.motorola.com/iden.

Safety and General Information

ALL MODELS WITH FCC ID AZ489FT5844 MEET THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.¹ Tests for SAR are conducted using standard operating positions reviewed by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the

body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.05 W/kg and when tested on the body, as described in this user guide, is 1.15 W/kg during packet data transmission. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)²

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID AZ489FT5844.

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>.

¹ 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.

² The SAR information reported to the FCC includes the FCC-accepted Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Electro Magnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio product in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your radio product when on board an aircraft. Any use of a radio product must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Advanced Medical Technology Association (AdvaMed) recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio product and a pacemaker. These recommendations are consistent with those of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio product more than 6 inches (15 cm) from their pacemaker when the radio product is turned ON.
- Not carry the radio product in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio product OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless radio products may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Safety and General Information

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of radio products in the area where you drive. Always obey them.

When using the radio product while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings



For Vehicles with an Air Bag

Do not place a portable radio product in the area over the air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio product may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your radio product prior to entering any area with a potentially explosive atmosphere, unless it is a radio product type especially qualified for use in such areas as “Intrinsically Safe” (for example, Factory Mutual, CSA, or UL approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such

as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn off your radio product when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Operational Cautions

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. To reduce the risk of injury, batteries should not be exposed to fire, disassembled, or crushed.

Cleaning and Drying Considerations

Using a leather carry case may help protect the surfaces and help prevent liquids (e.g., rain) from entering into the interior of the radio product. This product is not water proof, and exposing the unit to liquids may result in permanent damage to the unit.

If your radio product interior gets wet, then do not try to accelerate drying with the use of an oven or a dryer as this will damage the radio product and void the warranty. Instead, do the following:

- 1** Immediately power off the radio product.
- 2** Remove Battery and SIM card (if so equipped) from radio product.
- 3** Shake excess liquid from radio product.
- 4** Place the radio product and battery in an area that is at room temperature and has good air flow.
- 5** Let the radio product, battery, and SIM card 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.

Safety and General 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 described in “Battery” on page 3 through page 6. 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.

Hearing Aid Compatibility

When some mobile handsets are used with certain hearing devices (including hearing aids and cochlear implants), users may detect a noise which can interfere with the effectiveness of the hearing device.

Some hearing devices are more “immune” than others to this interference noise, and mobile handsets can also vary in the amount of interference noise they may generate at any given time. ANSI standard C63.19 was developed to provide a standardized means of measuring both mobile handset and hearing devices to determine usability rating categories for both.

Ratings have been developed for mobile handsets to assist hearing device users find handsets that may be compatible with their particular hearing device. Not all mobile handsets are rated for compatibility with hearing devices, but mobile handsets that are rated should have the rating available. This rating may depend on the position of a retractable antenna.

Results will vary depending on the user's hearing device and individual type and degree of hearing loss. If a hearing device is particularly vulnerable to interference noise, even a mobile handset with a higher rating may still cause unacceptable noise levels in the hearing device. Evaluate your personal needs by trying out the mobile handset with your hearing device.

“M” Rating: Mobile handsets rated M3 or M4 meet FCC requirements for hearing aid compatibility and are likely to generate less interference to hearing devices than handsets that are not labeled. (M4 is the “better” or higher of the two ratings.)

“T” Rating: Mobile phones rated T3 or T4 meet FCC requirements for compatibility with telecoil-type (“T Switch” or “Telephone Switch”) hearing devices and are likely to be more usable with such hearing devices than unrated phones. (T4 is the “better” or higher of the two ratings.)

Hearing devices may also be measured for immunity to interference noise from mobile handsets. In some cases, hearing devices can be modified or “hardened” to improve operation with a mobile handset. Your hearing device manufacturer or hearing health professional may help you improve the interaction of your mobile handset and hearing device. Not all hearing devices are rated for compatibility with mobile handsets, but hearing devices that are rated should have the rating

available. Be sure to evaluate your personal needs by trying out this mobile handset with your specific hearing device, using both antenna positions if equipped with a retractable antenna.

More information about hearing aid compatibility may be found at:
<http://commerce.motorola.com/consumer/QWhtml/accessibility/default.html>, www.fcc.gov,
www.fda.gov, and www.accesswireless.org.

MOTOROLA LIMITED WARRANTY

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

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below.

This limited warranty is a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

PRODUCTS COVERED

Products as defined above.

Accessories as defined above.

Products or Accessories that are Repaired or Replaced.

Software as defined above. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).

LENGTH OF COVERAGE

One (1) year from the date of purchase by the first consumer purchaser of the product.

One (1) year from the date of purchase by the first consumer purchaser of the product.

The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Ninety (90) days from the date of purchase.

What is not covered? (Exclusions)

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

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and

Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software changes, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, antennas, or parts, are excluded from coverage.

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Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media.

Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is covered? This warranty extends only to the first consumer purchaser, and is not transferable.

What will Motorola Do? Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information? To obtain service or information, please call:

Motorola iDEN Customer Services
1-800-453-0920 or 954-723-4910

TTY-877-483-2840

Or visit us online at

<http://www.motorola.com/iden/support>

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