Motorola M930/M930NAV In-Vehicle Phone

October 2007

User Guide

Basic Phone Diagram

Introducing your new Motorola M930/M930NAV In-Vehicle Phone. Here's a quick anatomy lesson.

Large, 64k **Color Display**
160x128 **Pixels**
Easy to read iconic display
8mm font size Contrast and
backlight control option

Menu Key

Left Soft Key
Perform function
identified by
Left display prompt

Start Call Key

Volume Keys
Adjust speaker,
earpiece and
ringer volume

Voice Mail
Allows access to
voice mail with continuous
touch on key "1"

Keypad
Large illuminated,
well-spaced, tactile keys
ensure accuracy and speed

Smart Key
Allows users to
activate the phone by:
Voice Activated Dialing
Answering & **Ending a**
Call Recording Voice
Memos

Right Soft Key
Perform function
identified by Right
display prompt

Mini USB Connector

End Call Key

4 **Way Navigation Key**
Scroll through
menus and lists

Sim Card Tray

Power Key

Handset/Headset Jack
Insert handset /
headset accessory
for private mode

Figure 1. Basic diagram of the M930 In-Vehicle Phone.

Quick Reference

Following is a summary of the M930 In-Vehicle Phone's menu items. This list represents the standard main menu layout.

In order to use the following list to access these features, you must first understand how to operate the phone and the menu system. For details, see Getting Started on page 14.

NOTE: Certain menus may end up with the item **Extras** or **More**. Selecting this item simply brings you to a second menu screen of the same level, and not to a new sub-level.

Menu Items[1]

Phonebook[2]
- Name
- No.
- Type
- Store To
- Voice Name
- Speed No.
- Category
- Street 1
- Street 2
- City
- State/Province
- Zip/Postal Code
- Country
- Birthday
- Ringer ID
- Picture

Recent Calls
- Received Calls
- Dialed Calls

- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes

Messages
- New Message
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts
- MMS Templates

Tools
- Calculator
- Shortcuts
- Voice Records
- Alarm Clock

- Datebook
- Dialing Services
- Engineering

WebAccess
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

Multimedia
- Pictures
- Sounds

My JavaApps[3]

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[1] Various phone menus and features are carrier dependent.
[2] The **Phonebook** menu items will be displayed for each stored number.
[3] The items on this menu may vary, and depend on the installed games and applications.

Settings
- Personalize
  - Home Screen
  - Main Menu
  - Color Style
  - Greeting
  - Wallpaper
  - Screen Saver
- Ring Styles
  - Ring Volume
  - Line 1
  - Line 2
  - Messages
  - Voicemail
  - Info Svcs
  - Data Calls
  - Fax Calls
  - Ringer IDs
  - Key Volume
  - Reminders
- Connection
  - Sync
- Call Divert
  - Voice Calls
  - Fax Calls
  - Data Calls
  - Cancel All
  - Divert Status
- In-Call Setup
  - In-Call Timer
  - Call Cost Setup
  - My Caller ID
  - Talk and Fax
  - Answer Options
  - Call Waiting

- Initial Setup
  - Time and Date
  - 1-Touch Dial
  - Backlight
  - Scroll
  - Language
  - Contrast
  - DTMF
  - Master Reset
  - Master Clear
- Phone Status
  - My Tel. Numbers
  - Active Line
  - Other Information
- Car Settings
  - Auto Answer
  - Power-off Delay
- Network
  - New Network
  - Network Setup
  - Available Networks
  - My Network List
  - Service Tone
- Security
  - Phone Lock
  - Lock Keypad
  - Lock Application
  - Fixed Dial
  - Restrict Calls
  - Call Barring
  - SIM PIN
  - New Passwords
  - Certificate Mgmt
- Auto Redial
- Java Settings

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Warnings

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.

CAUTION: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Safety Information

IMPORTANT: Read this information before using your wireless mobile phone.

Exposure to Radio Frequency Signal

Our wireless mobile telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Your Motorola wireless mobile telephone complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic 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 Radio communications (Electromagnetic Radiation Human Exposure) Standard, 2003
- ANATEL, Brazil Regulatory Authority, Resolution No. 303 of July 2, 2002 "Regulation of the limitation of exposure to electrical, magnetic, and electromagnetic fields in the radio frequency range between 9KHz and 300 GHz." and "Attachment to resolution # 303 from July 2, 2002"

The design of your phone complies with these standards when used as described in this guide.

Antenna Installation Guidelines

IMPORTANT: To meet the FCC's RF Exposure

Guidelines and satisfy the categorical exclusion requirements for mobile transmitters, the antenna must be installed so there is at least 30 cm of separation between the antenna and both the occupants of the vehicle and bystanders outside of the vehicle.

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate local agency regulations.

Mobile Configuration

Do not operate your mobile telephone when a person is within 12 inches (30 centimeters) of the vehicle antenna. A person or object within 12 inches (30 centimeters) of the antenna could impair call quality and may cause the phone to operate at a higher power level than necessary and expose that person to RF energy in excess of that established by the FCC RF Exposure Guidelines.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a wireless phone's antenna and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than 6 inches (15 centimeters) from their pacemaker when the phone is turned ON.
- Should turn the phone OFF immediately if you have any reason to suspect that interference is taking place.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted:

"Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF, and obey all signs and instructions. Sparks from your battery in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for ex ample, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area.

If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- FCC Grant of Equipment Authorization
  FCC ID: IHDT56FV2
- Canada Grant of Equipment Authorization
  IC: 1090-FV2
- Network Freq Band Rated Power

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or and FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

Introduction

The Motorola M930 In-Vehicle Phone was ergonomically designed for the unique vehicle environment. With its voice activation features, color display screen and all round hands-free capabilities, the M930 is truly a more convenient way to communicate when on the move.

Key Product Features

High quality hands-free operation enables you to communicate in the most convenient way while in the vehicle environment. The M930's enhanced illuminated graphic display is designed for easy reading using 8 mm character height, with an adjustable backlight and contrast display setting.

A well-spaced keypad with large, illuminated tactile keys makes it easier for you to dial when mobile.

The M930 provides the ability for you to access its functionality by speaking to the phone. The M930 recognizes multiple languages.

Voice activation features include: name dialing, which enables you to speak a voice tag that you have saved for a phonebook entry; number dialing, which lets you speak a phone number for the M930 to dial; and voice activated menu access, which allows you to browse to frequently used menu options by attaching voice tags to them.

GPRS/EDGE connectivity enables you to transfer high-speed data such as e-mails, faxes and files, using Mobile Phone Tools® software support.

Enjoy the luxury of installing a single fixed mount unit that includes a display, keypad and radio, making the installation process easier and faster. During installation, you can choose optional features such as auxiliary alert, entertainment mute and a loudspeaker connection.

Understanding this Manual

Many of your phone options are accessed by a simple menu system. A full description of the menus and how to move around them is covered in the section Menu Navigation on page 14. When the manual describes the use of each menu item, it will be assumed that you are familiar with the menu system.

Prompts and Messages

Your phone responds to key presses by displaying either easy to understand prompts that guide you to the next action, or simple messages confirming that your action is complete. Prompts and messages are represented in this manual in bold, for example:

Enter PIN or **Completed**.

Icons

There are two special reference icons used in this manual:

Icon	Feature
	This icon identifies an optional network or subscription-dependent feature that may be contingent upon payment. Possibly not all service providers offer these features in all geographical areas. Contact your service provider for more information about the availability of these features.
	This icon identifies a feature that requires an optional accessory available for purchase separately. Please contact your service provider for information about the availability and purchase of these devices.

Getting Started

SIM Card Activation

Inserting your SIM

With your phone powered off, insert the SIM card into the SIM card socket at the right side of the phone (see Figure 2).

Figure 2. Inserting the SIM card into the phone.

Power Control

Turning On/Off

When installed properly, the phone powers on and off automatically using the car's ignition switch. For manual operation press and hold the power key ( ) until the display panel lights on/off.
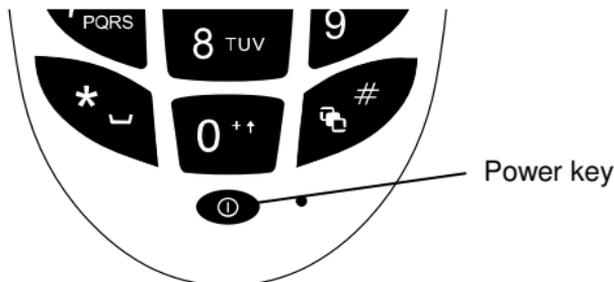

Power key

Figure 3. The power key.

Volume Control

Ring Tone Volume

When no call is active, press either of the volume keys (⬤) on the side of the phone to set the **Ring Tone Volume** (see Figure 4).

Figure 4. The volume keys.
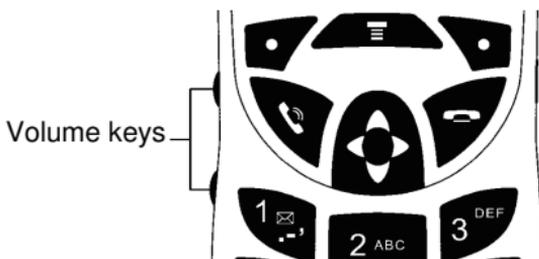
Volume keys

Call Volume

During a call, press either of the volume keys on the side of the phone to adjust the call volume.

Muting Microphone

During a call, press **Mute** to mute the microphone. To **Unmute** the microphone, press this key again.

Key Volume

Press the **Menu** > **Settings** > **Ring Styles** > **Key Volume**, and adjust the volume with the right or left keys.

Menu Navigation

A large number of your phone's options are accessed by using menus that use a common approach for selection, change and cancellation.

Please read this section carefully before attempting to access a menu option. When you understand the common approach to menu navigation and how the menus are shown on the page, you will be able to access and change options with ease.

Using the 4-Way Navigation Key

4-way
navigation key

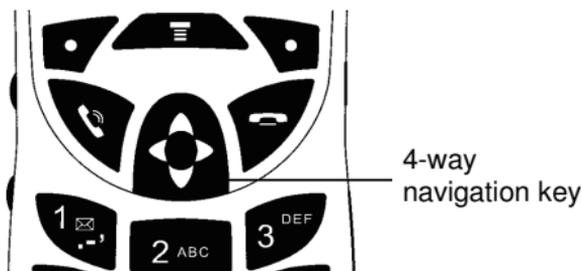**Figure 5. The 4-way navigation key.**

Use the 4-way navigation key like a joystick to navigate the menu system and change feature settings (see Figure 5 above).

TIP: You can navigate graphic menus in any direction – right, left, down and up. The primary movements within list menus are down and up. To change settings in list menus, navigate the datebook or edit text, you can also move left and right.

Entering the Menus

Access the menus by pressing the **Menu** key (![key]).

Once entered, scroll up and down to access individual options. Use the right soft key (![key]) to answer on-screen prompts. Use the left soft key (![key]) to return to the previous menu.

Leaving the Menus

To exit the menus, press **End** (![key]).

Menus and Sub-menus

A menu is a simple list of options. Some of these options provide access to a further list of options called a sub-menu. When navigating through the menus you may find it is helpful to think in terms of menu levels – the 'parent' menu being on one level and its sub-menus being on a lower level.

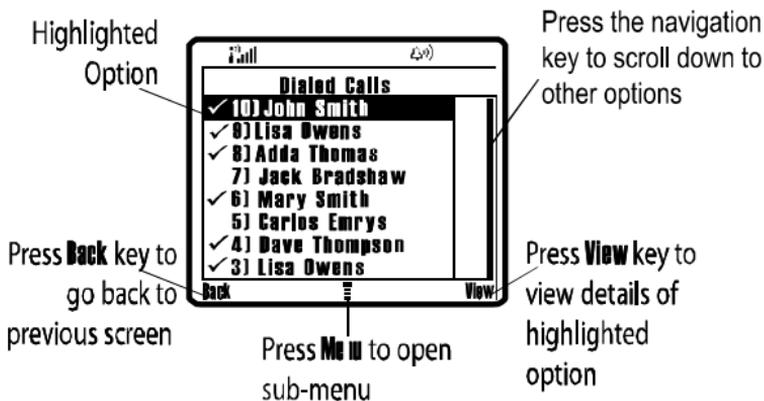## *Moving To and Selecting a Menu Option*

Figure 6. Navigating the menus.

To move from one option to another on the same level, use the 4-way navigation key; press down to scroll forwards and press up to scroll backwards. When you find the desired option, press the ![key] soft key to select it (see Figure 6 above).

Depending on the option you select, one of three things will happen:

- A brief message will be displayed confirming an action, for example **Completed**.
- A prompt will be displayed requesting you to enter information, for example **Enter PIN** or **Enter Name**.
- The first option of a sub-menu will be displayed. You can select this option using the 🔲 soft key, or browse through the other options using the scroll keys.

To leave an option or sub-menu, press **Exit**. This will take you back to the parent menu item.

Menu Options with Security Codes

Some options are protected from misuse by requiring you to enter one of the security codes. To use these options, you must enter the requested code before proceeding.

Setting Menu View

Press **Menu** > **Settings** > **Personalize** > **Main Menu** > **View**. Select **Icons** for icon view or **List** for list view.

Call Management

Phone Calls

Answering a Call

Press **Send** or **Answer**, or press the **Smart Key**.

Ending a Call

Press **End**, or press the **Smart Key**.

Making a Call

Enter the number you want to call and press **Send**.

Voice Activation

Recording a Voice Tag for Name Dialing

Press **Menu** > **Phonebook** > **New Entry** > **Phone Number**. Add **Name** and **Number**, and then press **Store to:** Select **Phone** to make the phone store new entries to the phone memory. Select **Voice Name:** press the **Smart Key** and follow the instructions. Press **Done** to finish.

Activating Name Dialing

When a Voice Name is stored for the phone entry, press the **Smart Key** and say the entry Voice Name clearly into the microphone. The phone repeats the Voice Name and automatically dials the associated number.

Activating Number Dialing

Press the **Smart Key** twice, and say the phone number (initial recording is not required).

Menus Shortcut Activation

Press the **Menu** key, and then press **Smart Key**. Say the **Shortcut Name** as it was previously recorded (see Basic Operations on page 21).

Recent Calls

Received/Missed Calls

Press **Menu** > **Recent Calls** > **Received Calls**.

Dialed Calls

Press **Send** while a call is not active to see your **Dialed Calls** list.

You can also access the **Dialed Calls** list by pressing **Menu** >
Recent Calls > **Dialed Calls.**

Basic Operations

Time & Date

To set the time and date:

Press **Menu** > **Settings** > **Initial Setup** > **Time and Date**. Select the time or the date to adjust them.

Display

The home screen displays when you turn on the phone. To dial a number from the home screen, press the number keys and then **Send** (see Figure 7).

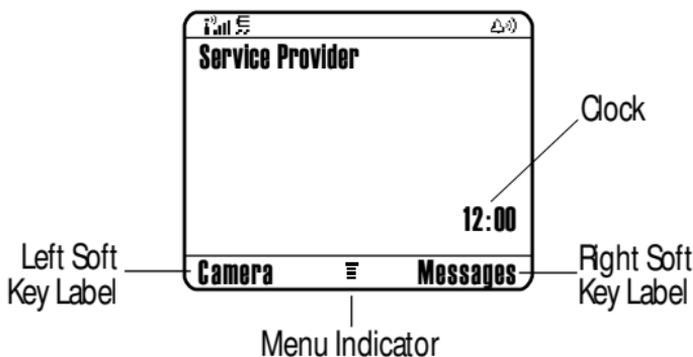**NOTE:** Your home screen may look different from the one below, depending on your service provider.

Figure 7. The home screen.

The Menu indicator (☰) shows that you can press 📱 to open the menu. The labels above the right and left soft keys will show the current soft key functions.

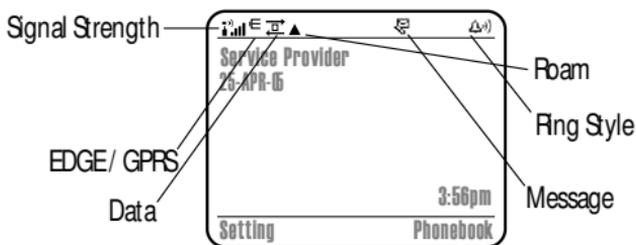Status indicators can display at the top of the home screen:

Figure 8. Status indicators and symbols.

Signal strength indicator – vertical bars show the strength of the network connection. You can't make or receive calls when the signal strength symbol shows no bars.

EDGE/GPRS indicator – shows when your phone is using a high-speed Enhanced Data for GSM Evolution (EDGE) or General Packet Radio Service (GPRS) network connection. Indicators can include:

$*$	GPRS PDP context active	$\grave{E}$	EDGE
$+$	GPRS packet data available		

Data indicator – Indicators can include:

4	Secure packet data transfer	7	Unsecure packet data transfer
3	Secure application connection	6	Unsecure application connection
2	Secure Circuit Switch Data (CSD) call	5	Unsecure CSD call

Roam indicator – shows W when your phone is seeking or using a network outside your home network.

Message indicator – shows when you receive a new message. Indicators can include:

r Text message   t Voice message

Display Appearance

To choose a color style that sets the look of your phone's display:

Press **Menu** > **Settings** > **Personalize** > **Color Style** and select the desired style.

Display Backlight Mode

Press **Menu** > **Settings** > **Initial Setup** > **Backlight** > **Mode**. Select **Automatic** for light sensor control or **Manual** for Manual control.

Display Backlight Level

Press **Menu** > **Settings** > **Initial Setup** > **Backlight** > **Level**. Move the slider right or left using the 4-way navigation key to adjust the desired backlight level and press **OK**.

Display Contrast

To adjust the contrast of your phone's display:

Press **Menu** > **Settings** > **Initial Setup** > **Contrast**. Move the slider right or left using the 4-way navigation key to adjust the desired contrast and press **OK**.

Text Entry

Some features let you enter text.

Press **Menu** in a text entry screen and scroll down to select **Entry Mode**:

Entry Mode	Description
Primary	The **Primary** text entry mode can be set to **iTAP®** or **Tap** in any supported language.
Secondary	The **Secondary** text entry mode can be set to **iTAP®** or **Tap** in any supported language, or set to **Primary** if you don't want a **Secondary** entry mode.
Numeric	Enter numbers only.
Symbol	Enter symbols only.

To set your **Primary** and **Secondary** text entry modes, press **Menu**> **Entry Setup** in a text entry screen and select **Primary Setup** or **Secondary Setup**.

iTAP® Mode

Press **Menu** > **Entry Mode** in a text entry screen to switch to **Primary** of **Secondary** mode. If you don't see j or p, press **Menu** > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using a single key press per letter. The iTAP software combines your key presses into common words, and predicts each word as you enter it.

For example, if you press 🔑 🔑 🔑 🔑, your phone displays **Program**:

Character displays at insertion point.

Navigate right to accept **Program**, or press * to reject it and enter a space after **Prog**.
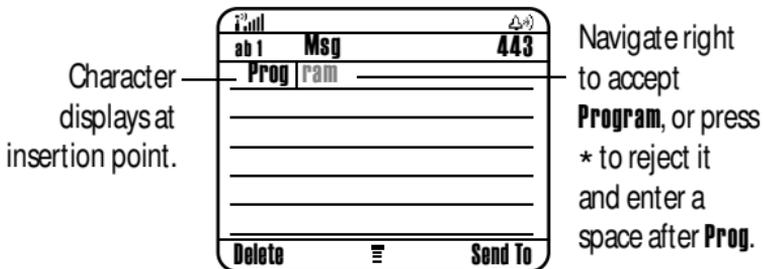
Figure 9. Entering text in iTap mode.

If you want to enter a different word (such as Progress), continue pressing the keypad to enter the remaining letters, or scroll right to select from the suggested words.

To enter the number 1, press it once. To enter other numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the desired numbers. Enter a space to change back to iTAP mode.

To enter punctuation marks or other characters press and hold the number 1. Scroll right or left to select from the available symbols.

Tap Mode

Press **Menu** > **Entry Mode** in a text entry screen to switch to **Primary** of **Secondary** mode. If you don't see ìg or ìm, press **Menu** > **Entry Setup** to set tap mode as your **Primary** or **Secondary** text entry mode.

To enter text in Tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press 8ᵀᵁᵛ once, your phone displays:

After 2 seconds, character is accepted and cursor moves to next position.

Character displays at insertion point.

After you enter text, press the **Send To** key to enter recipients.

Press the **Delete** key to delete character to left of insertion point.
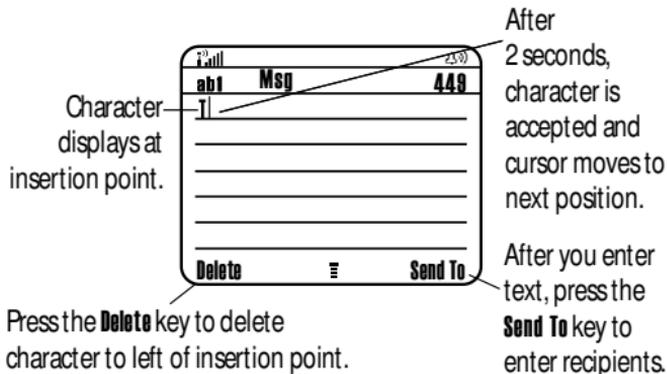
Figure 10. Entering text in Tap mode.

When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** your phone might display:
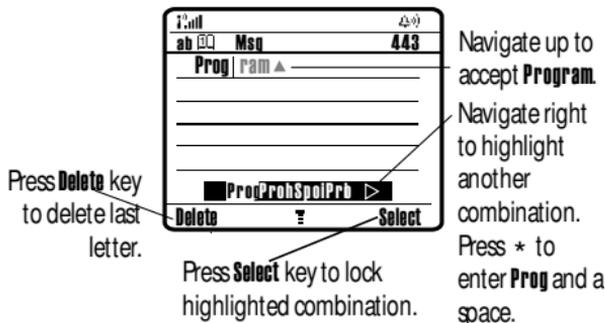

Navigate up to accept **Program**.

Navigate right to highlight another combination.

Press * to enter **Prog** and a space.

Press **Delete** key to delete last letter.

Press **Select** key to lock highlighted combination.

Figure 11. Phone guesses the rest of the word Program.

The first character of every sentence is capitalized. If necessary, scroll down to change the character to lowercase before the cursor moves to the next position.

Press the 4-way navigation key to move the flashing cursor to enter or edit text.

To exit and save your text or edits, press **Menu** to go to **Message Menu**, and select **Save to Drafts**.

To exit without saving, press and hold the **Delete** key and then select **Cancel**.

Tap extended mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

Numeric Mode

Press and hold a key in a text entry screen until you see gm. Press the number keys to enter the desired numbers.

Symbol Mode

Press 🍃 in a text entry screen until you see [. Press a keypad key to show its symbols at the bottom of the display. Highlight the desired symbol and press **Select**.

Keypad Shortcuts

Recording Voice Tag for Menus Shortcut Activation

Select the item you want to assign the shortcut to; press and hold the **Menu** key until you'll be asked to confirm assignment for the shortcut; press **Yes**. Select **Name** and **Key** for the shortcut and then press **Voice** and follow the instructions to record a voice tag for the shortcut.

To use the shortcut, press the **Menu** key and the shortcut number or activate the shortcut using the **Smart Key** (see Voice Activation on page 19).

To call your Voicemail, press and hold 📞.

Changing Home Keys

To change the features for the soft keys and navigation key in the home screen: Select **Menu** > **Settings** > **Personalize** > **Home screen** > **Home Keys**. Scroll through the different keys and change as needed.

Speed Dial

Enter speed dial number, press 🍃 and then press **Send** to dial.

1-Touch Dial

To call phonebook entries 🔋 through 9ʷˣʸᶻ, press and hold the single-digit speed dial number for one second. You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook or your Fixed Dial list. To set a 1-touch dial for these entries, press **Menu** > **Settings** > **Initial Setup** > **1-Touch Dial**. Select **Phone**, **SIM** or **Fixed Dial** from the list.

Phonebook

Storing a New Number

Enter the phone number and press **Store**. Then scroll to select details: **Name**, **No.**, and **Store To**.

The SIM card memory contains limited details, which can be transferred to other devices.

The Phone memory lets you store additional information, such as **Type**, **Voice Name** (for voice activation), **Address**, **Picture** and more. Press **Done** to finish.

Advanced Search

Access the **Phonebook** menu, enter character(s) and press **Select**.

Other Features

Personalizing

Ring Styles

You can customize the ring styles of the device. From the home screen, press **Styles** and navigate through the various settings to customize them to your needs.

Answer Options

You can change the answer mode to an incoming call from pressing any key to pressing the **Send** key only. To turn on or off the **Multi-key** answering mode, press **Menu** > **Settings** > **In-Call Setup** > **Answer Options** > **Multi-key** and select **On** or **Off**.

Turn Off a Call Alert

You can press the volume keys to turn off a call alert before answering the call.

Advanced Calling

Feature	Description
Conference Call	📞 During a call: Dial the next number, press **Send** and then press the **Link** key.
Transfer a Call	📞 During a call: Press **Menu** > **Transfer**, dial the number to transfer the call to and press **Send**.
Attach a Phone Number	📞 Dial an area code or prefix for a phonebook number, then press **Menu** > **Attach Number**.

Feature	Description
Speed Dial	📱 Speed dial a phonebook entry: Enter speed dial number, then press 🍃 and **Send**. To add a phonebook entry, see page 28. **TIP:** If you forget your friend's speed dial number, press **Menu** > **Phonebook**, highlight his entry and press **View**.
Set Up Quick Dial	📱 Set up preprogrammed phone numbers: Press **Menu** > **Tools** > **Dialing services** > **Quick Dial**.
Call Divert	📱 Set up or cancel call divert: Press **Menu** > **Settings** > **Call Divert**.
Restrict Calls	📱 Restrict outgoing or incoming calls: Press **Menu** > **Settings** > **Security** > **Call Barring**.
Change Phone Line	📱 If you have a dual-line enabled SIM card, you can change the line to make and receive calls from your other phone number. Press **Menu** > **Settings** > **Phone Status** > **Active Line**.

Feature	Description
Fixed Dial	📲 When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. Turn fixed dialing on or off: Press **Menu** > **Settings** > **Security** > **Fixed Dial**. Use the fixed dial list: Press **Menu** > **Tools** > **Dialing services** > **Fixed Dial**.
DTMF Tones	Activate DTMF tones: Press **Menu** > **Settings** > **Initial Setup** > **DTMF**. To send DTMF tones during a call, press the number keys or highlight a number in the phonebook or Recent Calls lists and press **Menu** > **Send Tones**.

Redial

Press **Send** from the home screen to view the **Dialed Calls** list. To call a dialed number, highlight the desired entry and press **Send**.

📲 If you hear a busy signal and see **Call Failed, Number Busy**, press **Send** or **Retry** to redial the number. When the call goes through, your phone rings once, displays **Redial Successful** and connects the call.

Automatic Redial

📱 When you receive a busy signal, your phone displays **Call Failed, Number Busy**. With automatic redial, your phone automatically redials the number for up to four minutes. When the call goes through, your phone rings once, displays **Redial Successful** and connects the call.

To turn **Automatic Redial** on and off, press **Menu** > **Settings** > **Auto Redial** > **On** or **Off**.

Return a Call

Your phone keeps a record of your unanswered calls, and displays **X Missed Calls**, where **X** is the number of missed calls.

1. Press **View** to see the **Received Calls** list.
2. Highlight the call you want to return, then press **Send**.

Hold or Mute a Call

Press **Menu** > **Hold** to put all active calls on hold.

Press **Mute** (if available) or **Menu** > **Mute** to mute all active calls.

Call Waiting

📱 During a call, an alert will sound if you receive a second call.

Press **Send** to answer the new call.

- To switch between calls, press **Switch**.
- To connect the 2 calls, press **Link**.
- To end the call on hold, press **Menu** > **End Call on Hold**.

To turn the call waiting feature on or off:

Press **Menu** > **Settings** > **In-Call Setup** > **Call Waiting** and select **On** or **Off**.

Caller ID

📱 Calling line identification (caller ID) shows the phone number of an incoming call.

Your phone shows the caller's name when stored in your phonebook or **Incoming Call** when caller ID information is not available. If you store a number in the phone memory and attach a picture to the entry, this picture will be shown too.

You can set your phone to play a different ringer ID for each entry stored in your phone memory (see Set Ringer ID for Entry on page 36). You cannot set ringer IDs for entries stored in the SIM card memory.

To show or hide your phone number from the next person you call, enter the phone number and press **Menu** > **Hide ID**.

Emergency Calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, so that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

NOTE: Emergency numbers vary by country. Your phone's pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

1. Press the keypad keys to dial the emergency number.
2. Press **Send** to call the emergency number.

International Calls

📲 If your phone service includes international dialing, press and hold ⓪ to insert your local international access code (indicated by **+**). Then, press the keypad keys to dial the country code and phone number.

Call Times & Costs

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing **End**. This time includes busy signals and ringing.

The amount of network connection time you track on your reset table timer may not equal the amount of time for which you are billed by your service provider. For billing information, contact your service provider.

Feature	Description
Call Times	📱 Display call timers: Press **Menu** > **Recent Calls** > **Call Times**.
In-Call Timer	📱 Display time or cost information during a call: Press **Menu** > **Settings** > **In-Call Setup** > **In-Call Timer**.
Call Cost	📱 Display call cost trackers: Press **Menu** > **Recent Calls** > **Call Cost**.

Data and Fax Calls

Feature	Description
Send Data or Fax	📱 Connect your phone to the device, then place the call through the device application.
Talk then Fax	📱 Connect your phone to the device, enter the fax number, press **Menu** > **Talk the Fax**, then press **Send** to make the call.

Phonebook

Feature	Description
Add New Entry	Press **Menu** > **Phonebook** > **[New Entry]** > **Phone Number** or **Email Address**. **SHORTCUT:** Enter a phone number in the home screen, then press Store to create an entry for that number. **TIP:** One phone number is not enough for some people. When creating a phonebook entry, select **More** to store another number for the same **Name**.
Dial Number	Call a number stored in the phonebook: Press **Menu** > **Phonebook**, highlight the phonebook entry and press **Send**. **SHORTCUT:** In the phonebook, press a keypad key once or more to jump to entries that begin with the key's letters.
Record a Voice Name	When creating a phonebook entry, highlight **Voice Name** and press **Record**. Press and release the **Smart Key** and say the entry's name (within 2 seconds). When prompted, press and release the **Smart Key** and repeat the name. **NOTE:** The **Voice Name** option is not available for entries stored on the SIM card.
Voice Dial Number	Voice dial a number stored in the phonebook: Press and release the **Smart Key**, then say the entry's name (within 2 seconds).

Feature	Description
Set Ringer ID for Entry	Assign a ring alert (Ringer ID) to an entry: Press **Menu** > **Phonebook** and select the desired entry. Press **Edit** > **Ringer ID** and select the desired Ringer ID. **NOTE:** The **Ringer ID** option is not available for entries stored on the SIM card. Activate Ringer IDs: Press **Menu** > **Settings** > **Ring Styles** > **Ringer IDs** > **On**.
Set Picture ID for Entry	Assign a photo or picture to display when you receive a call from an entry: Press **Menu** > **Phonebook** and select the desired entry. Press **Edit** > **Picture** and select the desired picture. **NOTE:** The **Picture** option is not available for entries stored on the SIM card.
Set Primary or All Numbers View	Display primary numbers or all numbers for entries when listed: Press **Menu** > **Phonebook**. Press **Menu** > **Setup** > **View** > **All Contacts** or **Primary Contacts**.

Feature	Description
Set Category for Entry	Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Edit** > **Category**, and select the desired category. **NOTE:** The **Category** option is not available for entries stored on the SIM card.
Set Category View	Press **Menu** > **Phonebook**. Press **Menu** > **Categories**, and then select **All** (to display all entries), **Business**, **Personal**, **General**, **VIP** or any category you created.
Define New Category	Press **Menu** > **Phonebook**. Press **Menu** > **Categories**. Press **Menu** > **New**.
Set Primary Number or Address	Set the primary number for an entry with multiple numbers: Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Set Primary** and select number or address. **NOTE:** The **Set Primary** option is not available for entries stored on the SIM card. **TIP:** In **Primary** number view mode, you can still peek at other numbers stored for the same name. Highlight the name and navigate up and down to view other numbers.

Feature	Description
Create Group Mailing List	Press **Menu** > **Phonebook**. Press **Menu** > **New** > **Mailing List**.
Sort Phonebook List	Set the order in which entries are listed: Press **Menu** > **Phonebook**. Press **Menu** > **Setup** > **Sort by** and select the desired sort order. You can sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**. When sorting by name, you can display **All** numbers or just the **Primary** number for each name.
Change Phonebook Search	In the phonebook, press keypad keys to enter the first letters of the desired entry. To change the search method: Press **Menu** > **Phonebook**. Press **Menu** > **Setup** > **Search Method** > **Find** or **Jump To**. **Jump To** jumps directly to the entry, while **Find** enables you to begin the search by pressing the **Search** key.
Copy Phonebook Entry	Copy an entry from the phone to the SIM card, or from the SIM card to the phone: Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Copy** > **Entries** > **To**.
Delete Phonebook Entry	Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Delete**.

Feature	Description
Check Phonebook Memory	Display space available for phonebook entries in phone or SIM memory: Press **Menu** > **Phonebook**. Press **Menu** > **Phone Capacity** or **SIM Capacity**.
Send Message to Phonebook Entry	Send a phonebook entry a text, multimedia, or voice message: Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Send Message**.
Send Phonebook Entry over Data Connection	Send a phonebook entry to another phone, computer, or device: Press **Menu** > **Phonebook** and select the desired entry. Press **Menu** > **Share Phonebook Entry**.

Messages

Feature	Description
Send Text Message	Press **Messages** > **New Message** > **New Short Msg**.
Send Multimedia Message	Press **Messages** > **New Message** > **New Multimedia Msg**.
Send Voice Message	Press **Menu** > **Messages** > **New Message** > **New Multimedia Msg**. To record the voice message, press **Record**, speak and press **Stop**. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.
Use a Multimedia Template	📱 Open a multimedia template with preloaded media: Press **Messages** > **New Message** > **MMS Templates**.
Read New Message	📱 When your phone displays **New Message**, press **Read** to read the received message.
Read Old Messages	Press **Messages** > **Message Inbox**. Icons next to each message indicate if it is locked 🔒, has an attachment 📎, is urgent **!**, or is low priority ↓. Press **Menu** to perform various operations on a message.
Store Message Objects	📱 Go to a multimedia message page, or highlight an object in a letter, then: Press **Menu** > **Store**.

Feature	Description
Store Text Messages on Your SIM Card	📱 To store incoming text messages on your SIM card: Press **Messages** > **Menu** > **Message Setup** > **Text Msg Setup** > **Store To** > **SIM**.
Browser Messages	📱 Read messages received by your micro-browser: Press **Messages** > **Info Services**.
Info Services	📱 Read subscription-based information services messages: Press **Messages** > **Browser Msgs**.
Quick Notes	📱 Send or create a prewritten message: Press **Messages** > **Quick Notes**.
Cleanup Messages	Press **Messages** > **Menu** > **Cleanup Messages**. **NOTE:** This menu opens only in **Inbox** and **Outbox**.
Inbox Setup	Specify settings for incoming and outgoing text and multimedia messages: Press **Messages** > **Menu** > **Inbox Setup**. **NOTE:** When you open your Inbox for the first time, this menu will be automatically displayed. After you finish this initial setup, you may find this menu under **Inbox**.
Fax Message Setup	📱 Set notification on or off for received fax message: Press **Messages** > **Menu** > **Fax Msg Setup**.

Feature	Description
Voicemail Setup	Enter voicemail number, set notification on or off for received voicemail message: Press **Messages** > **Menu** > **Voicemail Setup**.
Info Services Setup	Specify settings for subscription-based information services messages: Press **Messages** > **Menu** > **Info Srvc Setup**.
Inbox Auto-Cleanup	Set automatic removal of Inbox messages: Press **Messages** > **Menu** > **Inbox Setup** > **Auto Cleanup**.
Outbox Auto-Cleanup	Set automatic removal of outbox messages: Press **Messages** > **Menu** > **Outbox Setup** > **Auto Cleanup**.
Check Message Memory	Display space available for stored messages: Press **Messages** > **Menu** > **Memory Meter**.

Personal Organizer

Feature	Description
Set Alarm	Press **Menu** > **Tools** > **Alarm Clock**.
Turn off Alarm	When an alarm displays: To turn off the alarm, press **Disable** or **End**. To set an eight minute delay, press **Snooze**. **NOTE:** The **Snooze** key is available only if the phone is already powered on when the alarm sounds.

Feature	Description
Add New Datebook Event	Press **Menu** > **Tools** > **Datebook** and highlight the desired day. Press **Select** > **Menu** > **New**.
View Datebook Event	Display or edit event details: Press **Menu** > **Tools** > **Datebook** and highlight the desired day. Press **Select** > **View.**
Event Reminder	When an event reminder displays: To see reminder details, press **View**. To close the reminder, press **Exit**.
Send Datebook Event to Another Device	Send a datebook event to another phone, computer, or device: Press **Menu** > **Tools** > **Datebook** and highlight the desired day. Press **Select**, highlight the event and press **Menu** > **Send.**
Create Voice Record	Create a voice record (for example, to make a note to yourself): Press and hold the **Smart Key**, speak into the phone and release the **Smart Key**. **NOTE:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.
Play Voice Record	Play back a voice record: Press **Menu** > **Tools** > **Voice Records** and select the desired voice record.
Calculator	Press **Menu** > **Tools** > **Calculator**.

Feature	Description
Currency Converter	Press **Menu** > **Tools** > **Calculator**. Press **Menu** > **Exchange Rate**. Enter exchange rate, press **Ok**, enter the amount and press **Menu** > **Convert Currency**.

Notepad

Your phone saves the last set of digits entered on the keypad in notepad memory. This can be the last phone number you called, or a number that you "jot down" during a call for later use. To see the number stored in the notepad:

Press **Menu** > **Recent Calls** > **Notepad**.

- To call the number, press **Send**.
- To create a phonebook entry with the number on the display, press **Store**.
- To open the **Dialing Menu** to attach a number or insert a special character, press **Menu**.

Network

Feature	Description
Network Settings	📡 Display network information and adjust network settings: Press **Menu** > **Settings** > **Network**.

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: Press **Menu** > **Settings** > **Security** > **SIM PIN**. **CAUTION:** If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
Lock Feature	Press **Menu** > **Settings** > **Security** > **Lock Application**.

Feature	Description
Manage Certificates	🖳 Enable or disable Internet access certificates stored on your phone: Press **Menu** > **Settings** > **Security** > **Certificate Mgmt**. Certificates are used to verify the identity and security of Web sites when you download files or share information.

Codes & Passwords

Your phone's 4-digit unlock code is originally set to **1234**. The 6-digit security code is originally set to **000000**. If your service provider did not change these codes, you should change them:

Press **Menu** > **Settings** > **Security** > **New Passwords**.

You can also change your SIM PIN2 or call barring passwords.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering **1234** or the last four digits of your phone number. If that does not work, press **Menu** and enter your 6-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, PIN2 code, or call barring password, contact your service provider.

Lock & Unlock Phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To manually lock your phone: Press **Menu** > **Settings** > **Security** > **Phone Lock** > **Lock Now** and enter the lock code.

To automatically lock your phone whenever you turn it off: Press **Menu** > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On** and enter the lock code.

NOTE: You can make emergency calls on a locked phone (see Emergency Calls on page 33). A locked phone still rings or vibrates for incoming calls or messages, but you need to unlock it to answer.

Auxiliary Alert

This feature enables the M930 to signal you about an incoming call when you are out of the car, but the phone is still on.

Depending on whether the power cable is connected to the lights or to the horn, the car lights will flash or the horn will sound as the signal.

Press **Menu** > **Settings** > **In-Call Setup** > **Aux Alert**.

Entertainment Mute

This feature automatically mutes the volume of the car entertainment system during any of the following situations:

- During a call.
- When an incoming call arrives.
- When initiating a call.
- Voice Activation Dialing (VAD).
- When a key is pressed for longer than 3 seconds.
- When using voice activation features.

The car radio must have a dedicated port in order for this feature to be installed.

Once installed, the feature is always activated.

Loudspeaker Connection

This feature provides voice and sound connections through the car loudspeaker, instead of the built-in M930 speaker.

The loudspeaker that is used for this feature must have an output of 4 ohms or greater.

Once installed, the feature is always activated.

Multimedia

Feature	Description
Manage Pictures	![icon] Manage photos, pictures, and animations: Press **Menu** > **Multimedia** > **Pictures**.
Manage Sounds	Manage ring tones and music that you have downloaded or composed: Press **Menu** > **Multimedia** > **Sounds**.
Create Ring Tones	Create ring tones that you can use with your phone: Press **Menu** > **Multimedia** > **Sounds** > **[New iMelody]**.
Create Playlist	Create a playlist of songs to play on your phone: Press **Menu** > **Multimedia** > **Sounds** > **[New Playlist]**.
Select Sound for Ringtone	Select a sound from your sounds list to use as a ringtone: Press **Menu** > **Multimedia** > **Sounds** and select the desired sound. Press **Menu** > **Apply as Ring Tone**.

WebAccess

Feature	Description
Start Micro-Browser	Press **Menu** > **WebAccess** > **Browser**.
Download Objects from Web Page	📲 Download a picture, sound, or other object from a Web page: Go to the page that links to the file and highlight the file. Then press **Select** and **Store**. **NOTE: Store** is displayed only if the download is successful. **NOTE:** Normal airtime and/or carrier usage charges apply.
Web Sessions	📲 Select or create a Web session: Press **Menu** > **WebAccess** > **Web Sessions**.
Download Game or Application	📲 Download a Java™ game or application with the micro-browser: Press **Menu** > **WebAccess** > **Browser**, go to the page that links to the application, highlight the application then press **Select** and **Download**. **NOTE:** Normal airtime and/or carrier usage charges apply.

Games & Apps

Feature	Description
Start Game or Application	📲 Start a Java™ game or application: Press **Menu** > **Games & Apps**, highlight the game or application and press the **Select**.
Set Game or Application Effects	Set effects for Java™ games or applications: Press **Menu** > **Settings** > **Java Settings** > **App Volume**.
Delete all Games and Applications	Press **Menu** > **Settings** > **Java Settings** > **Delete All Apps**.

Wallpaper & Screen Saver

Press **Menu** > **Settings** > **Personalize**, select **Wallpaper** or **Screen Saver** and change as needed.

Service and Repairs

If you have questions or need assistance, you may refer to the Warranty supplied with the purchase of this product.

Total Customer Satisfaction

Absolute customer satisfaction is Motorola's top priority. If you have a question, suggestion or any other issue concerning the Motorola in-vehicle phone, Motorola wants to hear from you.

Motorola Australia Customer Care 1300-138-823 8am-6pm Australia EST.

Motorola New Zealand Customer Care 0508-668-676 10am-8pm.

Motorola Canada Customer Care 1-800-461-4575.

Motorola USA Customer Care 866-289-6686 (866-BUY-MOTO).

Specific Absorption Rate Data

Important: The antenna should be installed at least 20 cm away from all vehicle occupants

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (http://www.who.int/emf) or Motorola, Inc. (http://www.motorola.com/rfhealth).

Accessories

Motorola advises use of original accessories of its manufacture. It is emphasized that the warranty provided for the phone is invalid in cases where the fault was caused by connection to equipment and/or devices that are not original or approved by Motorola for distribution.

Original accessories are at your disposal and available for purchase from authorized outlets. Please contact your network service provider or dealer for information on the availability or accessories and their purchase.

Following are available accessories for the M930 In-Vehicle Phone:

Data Connection
Cable (USB)

Privacy Handset

Personal Headset

GPS Accessory

Figure 12. Available accessories for the M930 In-Vehicle Phone.

When connecting a personal headset or handset, ring tones are not heard in the loudspeaker.

Data Connection Cable (Mini USB)

Your phone has a mini-USB port, so you can connect it to a computer and transfer data. For details, see PC Connectivity (Mobile Phone Tools) below.

NOTE: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need.

To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. For more information, see the data kit user's guide. To make data and fax calls through a connected computer, see Data and Fax Calls on page 34.

PC Connectivity (Mobile Phone Tools)

You can connect your new M930 In-Vehicle Phone to a compatible PC computer with the optional USB data cable, and enjoy the benefits of the Motorola Mobile Phone Tools software:

- **Synchronization** – never lose your data if you lose your phone. Transfer and store all your phone numbers on your computer. Synchronize all your phone contacts and datebook with just one click. Choose from Microsoft Outlook, Outlook Express, Lotus Notes or the in-built Motorola Phone Tools phonebook and calendar client. The intuitive synchronization wizard will guide you through the process of updating your datebook and phonebook and help you store a backup on your computer.

- **Personalization** – personalize your phone by creating your own ringtones and adding personal pictures.

- **Messaging** – send text messages from your computer keyboard for greater speed and simplicity.

- **Modem connection**[1] – look up important information on the go when you need it the most. Connect your laptop to the Internet using your mobile phone as a modem virtually anytime, anywhere (even at the airport, while you wait in your car).

System Requirements

- A compatible PC with a Pentium® II 233 MHz processor and one available USB port.
- Windows® 2000, Millennium, or XP operating system.
- 256 Color VGA or SVGA display.
- CD-ROM drive.
- Mouse or other pointing device.
- Local hard drive with at least 120MB free space.
- Free memory: 32MB of RAM under Windows® 98 and Millennium, 64MB of RAM under Windows® 2000 and XP.
- Data/fax option included in the subscription contract with your cell phone operator (to allow fax and e-mails transmission and reception).
- High-speed data networks (GPRS and EDGE) options included in the subscription contract with your mobile phone operator (for high speed e-mail and Internet use on the mobile phone network); data service is a network and subscription dependent feature that may not be available in all areas. Please contact your wireless service provider for details.

Purchase Motorola Mobile Phone Tools

You can find more information about Motorola Phone Tools and purchase the latest version from the following link:

http://direct.motorola.com/ens/MPT/MPT_Feature.asp

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[1] Network, subscription and SIM card or service provider dependent. Some features may be disabled by your wireless service provider.

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