

Motorola M930 Car Phone

January 2007

User Guide

Various phone features, service support & languages may only be available if local cellular operator/retailer supports them.
Various phone menus & features are carrier dependent.

Basic Phone Diagram

Introducing your new Motorola M930 Car Phone. Here's a quick anatomy lesson.



Figure 1. Basic diagram of the M930 Car Phone.

Quick Reference

Following is a summary of the M930 Car 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 13.

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 Items¹

Phonebook²

- 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
- Dialling Services
- Engineering

WebAccess

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

Multimedia

- Pictures
- Sounds

Games & Apps³

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

- Personalise
 - Home Screen
 - Main Menu
 - Colour 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 example, 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 Authorisation
FCC ID: IHDT56FV2
- Canada Grant of Equipment Authorisation
IC: 1090-FV2
- Network Freq Band Rated Power

FCC Interference

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Introduction

The Motorola M930 Car Phone was ergonomically designed for the unique vehicle environment. With its voice activation features, colour 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 dialling, which enables you to speak a voice tag that you have saved for a phonebook entry; number dialling, 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 13. 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.

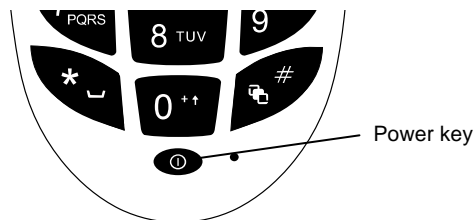


Figure 3. The power key.

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).

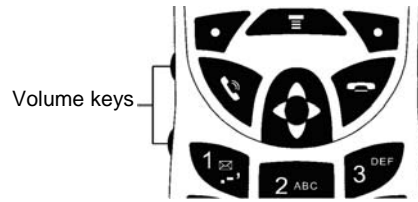


Figure 4. The volume keys.

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 > Extras > 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

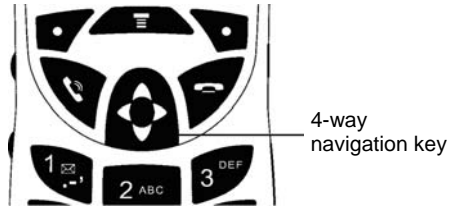



Figure 5. The 4-way navigation key.


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 Menu


Access the menus by pressing the **Menu** key ().

Once entered, scroll up and down to access individual options.

Use the right soft key () to answer on-screen prompts. Use the

left soft key () to return to the previous menu.

Leaving the Menu

To exit the menu, press **End** ().

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 menu 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

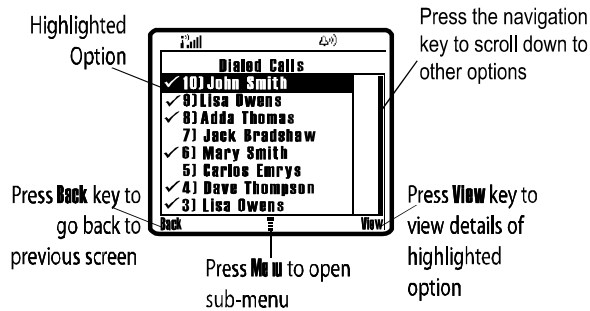




Figure 6. Navigating the menus.

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  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 > Extras > Settings > Personalise > 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 Dialling

Press **Menu** > **Phonebook** > **New Entry** > **Phone Number**. Add **Name** and **Number**, 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 Dialling

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 Dialling

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 20).

Recent Calls

Received/Missed Calls

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

Dialled Calls

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

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

Basic Operations

Time & Date

To set the time and date:

Press **Menu** > **Extras** > **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.

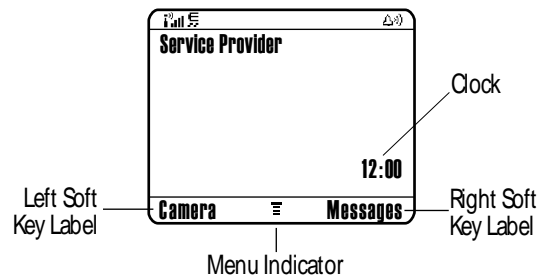



Figure 7. The home screen.

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:

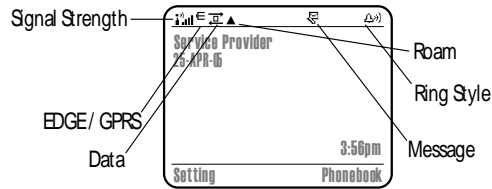


Figure 8. Status indicators and symbols.


Signal strength indicator – vertical bars show the strength of the network connection. You can't make or receive calls when ! or) displays.


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 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:

 Text message

 Voice message

Display Appearance

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

Press **Menu > Extras > Settings > Personalise > Colour Style** and select the desired style.

Display Backlight Mode

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

Display Backlight Level

Press **Menu > Extras > 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 > Extras > 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** or **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**:

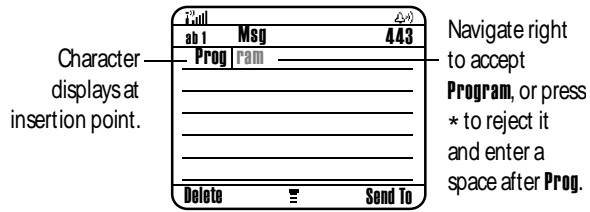


Figure 9. Entering text in iTap mode.

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** or **Secondary** mode. If you don't see **ig** or **im**, 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 **8** once, your phone displays:

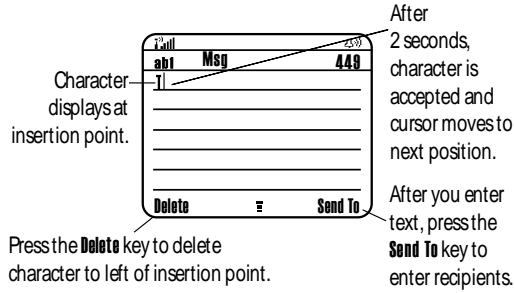


Figure 10. Entering text in Tap mode.

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:

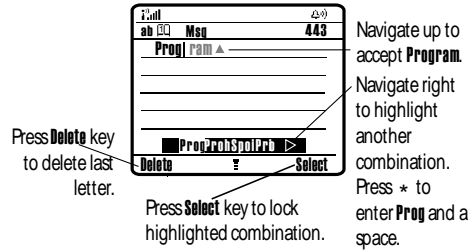


Figure 11. Phone guesses the rest of the word Program.

The first character of every sentence is capitalised. 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 Menu 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 18).

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** > **Extras** > **Settings** > **Personalise** > **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 , 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 > Extras > 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

Personalising

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 > Extras > 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 27. 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 > Dialling services > Quick Dial .
Call Divert	 Set up or cancel call divert: Press Menu > Extras > Settings > Call Divert .
Restrict Calls	 Restrict outgoing or incoming calls: Press Menu > Extras > 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 > Extras > Settings > Phone Status > Active Line .


Feature	Description
Fixed Dial	 When you turn on fixed dialling, you can call only numbers stored in the fixed dial list. Turn fixed dialling on or off: Press Menu > Extras > Settings > Security > Fixed Dial . Use the fixed dial list: Press Menu > Tools > Dialling services > Fixed Dial .
DTMF Tones	Activate DTMF tones: Press Menu > Extras > 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 **Dialled Calls** list. To call a dialled 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 > Extras > 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 > Extras > 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 35). 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, 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 dialling, 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 > Extras > 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	<p>Press Menu > Phonebook > [New Entry] > Phone Number or Email Address.</p> <p>SHORTCUT: Enter a phone number in the home screen, then press Store to create an entry for that number.</p> <p>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.</p>
Dial Number	<p>Call a number stored in the phonebook: Press Menu > Phonebook, highlight the phonebook entry and press Send.</p> <p>SHORTCUT: In the phonebook, press a keypad key once or more to jump to entries that begin with the key's letters.</p>
Record a Voice Name	<p>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.</p> <p>NOTE: The Voice Name option is not available for entries stored on the SIM card.</p>
Voice Dial Number	<p>Voice dial a number stored in the phonebook: Press and release the Smart Key, then say the entry's name (within 2 seconds).</p>








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 > Extras > 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	<p>Press Menu > Phonebook and select the desired entry.</p> <p>Press Menu > Edit > Category, and select the desired category.</p> <p>NOTE: The Category option is not available for entries stored on the SIM card.</p>
Set Category View	<p>Press Menu > Phonebook.</p> <p>Press Menu > Categories, and then select All (to display all entries), Business, Personal, General, VIP or any category you created.</p>
Define New Category	<p>Press Menu > Phonebook.</p> <p>Press Menu > Categories.</p> <p>Press Menu > New.</p>
Set Primary Number or Address	<p>Set the primary number for an entry with multiple numbers:</p> <p>Press Menu > Phonebook and select the desired entry.</p> <p>Press Menu > Set Primary and select number or address.</p> <p>NOTE: The Set Primary option is not available for entries stored on the SIM card.</p> <p>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.</p>


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	<p>Press Menu > Messages > New Message > New Multimedia Msg.</p> <p>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.</p>
Use a Multimedia Template	<p> Open a multimedia template with preloaded media: Press Messages > New Message > MMS Templates.</p>
Read New Message	<p> When your phone displays New Message, press Read to read the received message.</p>
Read Old Messages	<p>Press Messages > Message Inbox.</p> <p>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.</p>
Store Message Objects	<p> Go to a multimedia message page, or highlight an object in a letter, then: Press Menu > Store.</p>

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 Organiser

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 **Dialling 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 > Extras > Settings > Network .

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: Press Menu > Extras > 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 > Extras > Settings > Security > Lock Application .

Feature	Description
Manage Certificates	 Enable or disable Internet access certificates stored on your phone: Press Menu > Extras > 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 > Extras > 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 > Extras > Settings > Security > Phone Lock > Lock Now** and enter the lock code.

To automatically lock your phone whenever you turn it off: Press **Menu > Extras > 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 32). 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 > Extras > 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 Dialling (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	 Manage photos, pictures, and animations: Press Menu > Extras > Multimedia > Pictures .
Manage Sounds	Manage ring tones and music that you have downloaded or composed: Press Menu > Extras > Multimedia > Sounds .
Create Ring Tones	Create ring tones that you can use with your phone: Press Menu > Extras > Multimedia > Sounds > [New iMelody] .
Create Playlist	Create a playlist of songs to play on your phone: Press Menu > Extras > Multimedia > Sounds > [New Playlist] .
Select Sound for Ringtone	Select a sound from your sounds list to use as a ringtone: Press Menu > Extras > 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 > Extras > Settings > Java Settings > App Volume .
Delete all Games and Applications	Press Menu > Extras > Settings > Java Settings > Delete All Apps .

Wallpaper & Screen Saver

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

Service and Repairs

If you have questions or need assistance, we're here to help.
Go to <http://www.hellomoto.com>, where you can select from a number of customer care options.

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.83 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide. In this case, the highest tested SAR value is 0.50 W/kg.¹

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The World Health Organisation 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 Organisation (<http://www.who.int/emf>) or Motorola, Inc. (<http://www.motorola.com/rfhealth>).

¹ The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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 Car Phone:



Data Connection
Cable (USB)



Personal Headset



Personal Handset

Figure 12. Available accessories for the M930 Car 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 33.

PC Connectivity (Mobile Phone Tools)

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

- **Synchronisation** – 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 synchronisation wizard will guide you through the process of updating your datebook and phonebook and help you store a backup on your computer.
- **Personalisation** – personalise 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 Colour 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 dependant 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

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

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