Welcome

Internal Antenna

Earpiece

Left Soft Key
Perform functions identified by left display prompt.

Right Soft Key
Perform functions identified by right display prompt.

Menu Key
Open a menu when you see ≡ in the display.

Send/Answer Key
Make and answer calls; press in idle to see recent dialed calls.

Power/End Key
Press & hold to power phone on & off. Press & release to end phone calls, exit menu system.

Navigation Key
Scroll through lists, set volume.

USB Connector Port
Insert data cable.

Microphone

Headset Connector Port

Power Connector Port
Insert charger.

Your C330 Series phone lets you change covers and keypads (see "Changing Your Phone's Cover" on page 24). Your phone may not appear exactly as the phone image above.

Note that all key locations, sequences and functions remain the same with any of the various covers.

`www.motorola.com`

MOTOROLA, the Stylised M Logo and all other trademarks indicated as such herein are trademarks of Motorola, Inc. ® Reg. U.S. Pat. & Tm. Off. All other product or service names are the property of their respective owners.

Software Copyright Notice

Menu Map

Main Menu

- **Recent Calls**
- **Ring Styles**
- **Media Centre**
  - My Tones
  - MotoMixer
  - Picture Viewer
- **Chat**
- **Games**
- **Browser ***
- **Web Sessions ***
- **Datebook**
- **Voice Dial**
- **Quick Dial**
- **Calculator**
- **Settings**
  - (see next page)
- **SIM Applications ***
- **MyMenu**
- **Service Dial**
- **Fixed Dial**
- **Phonebook**
- **Messages**

Note: This is the standard phone menu layout. You or your service provider may have changed the menu layout or changed some feature names.

Not all features may be available for all users.

* optional network, SIM card, or subscription-dependent features

Shortcuts
In idle, press ⊕ up or down to open **Phonebook**, right or left to adjust volume
Display my phone number: Press (≡) (#)
Go to dialled calls list: Press (✆)
Exit menu system: Press (☎)

See page 58 for MyMenu Shortcuts

Settings Menu

Call Divert *
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Divert Status

Phone Status
- My Tel. Numbers *****
- Credit Info/Available *****
- Active Line
- Battery Meter
- Other Information

In-Call Setup
- In-Call Timer
- Call Cost Setup *****
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting *****

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring *****
- SIM PIN
- New Passwords

• **Other Settings**
- Personalize
  - Main Menu
  - Keys
  - Greeting
  - Wallpaper
  - Screensaver
  - Quick Dial
- Initial Setup
  - Time and Date
  - 1-Touch Dial
  - Backlight
  - Scroll
  - Animation
  - Language
  - Battery Save
  - Contrast
  - DTMF
  - Master Reset
  - Master Clear
- Network
- Car Settings
- Headset

Note: This is the standard phone menu layout. You or your service provider may have changed the menu layout or changed some feature names.

Not all features may be available for all users.

* optional network, SIM card, or subscription-dependent features

Table of Contents

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PERSONAL
COMMUNICATOR.

The information provided in this document supersedes the general safety
information contained in user guides published prior to this date. For
information regarding radio use in a hazardous atmosphere please refer to
the Factory Mutual (FM) Approval Manual Supplement or Instruction Card,
which is included with radio models that offer this capability.

RF Operational Characteristics

Your Personal Communicator contains a transmitter and a receiver.
When it is ON, it receives and transmits radio frequency (RF) energy.
The Personal Communicator operates in the frequency range of 900 MHz
to 1990 MHz and employs digital modulation techniques.

When you communicate with your Personal Communicator, the system
handling your call controls the power level at which your personal
communicator transmits. The output power level typically may vary over
a range from 0.063 watts to 1.58 watts.

Exposure To Radio Frequency Energy

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

- United States Federal Communications Commission, Code of
  Federal Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) /
  Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992

- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 1999 (applicable to wireless phones only)

To assure optimal performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Personal Communicator Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the Personal Communicator and may violate FCC and/or other applicable regulations.

DO NOT hold the antenna when the Personal Communicator is "N USE". Holding the antenna affects call quality and may cause the Personal Communicator to operate at a higher power level than needed.

Phone Operation

The Personal Communicator is designed to be used with a headset for talking and listening. The Personal Communicator can also be placed inside the holster, then the holster can be clipped onto your belt, pocket, handbag, or other apparel and used with the headset.

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear the Personal Communicator on your body when transmitting, always place the Personal Communicator in a Motorola supplied or approved clip, holder, holster, case, or body harness. Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. If you do not use a body-worn accessory, ensure the antenna is at least one inch (2.5 cm) from your body when transmitting.

Approved Accessories

For a list of approved Motorola accessories, look in the accessory section of this manual.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your Personal Communicator in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your Personal Communicator when on board an aircraft. Any use of a Personal Communicator must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

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

Persons with pacemakers should:

- ALWAYS keep the Personal Communicator more than six inches (15 centimeters) from their pacemaker when the Personal Communicator is turned ON.

- not carry the Personal Communicator in the breast pocket.

- use the ear opposite the pacemaker to minimize the potential for interference.

- turn the Personal Communicator OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

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

Safety and General Use in Vehicles

Check the laws and regulations on the use of phones in your vehicle. You are advised to always obey them.

When using your Personal Communicator in a vehicle, please:

- Use hands-free operation, if available.

- Pull off the road and park before making or answering a call.

Operational Warnings

For Vehicles With an Air Bag

Do not place the Personal Communicator in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If the Personal Communicator is placed in the air bag deployment area and the air bag inflates, the Personal Communicator may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your Personal Communicator prior to entering any area with a potentially explosive atmosphere, unless it is especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn off your Personal Communicator when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Operational Cautions

Antennas

Do not use the Personal Communicator if it has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

## *European Union Directives Conformance Statement*

Hereby, Motorola declares that this product is in compliance with

$\mathsf{C}\,\mathsf{E}$

•The essential requirements and other relevant provisions of Directive 1999/5/EC

•All other relevant EU Directives

The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

IMEI: 350034/40/394721/9

$\mathsf{C}\,\mathsf{E}$0168

Type: MC2-41H14 ——— Product Approval Number
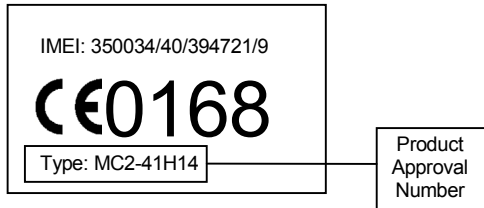
Warranty Information

Motorola guarantees you, the original purchaser, the Personal Communicator and accessories which you have purchased from an authorised Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of [1] year from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product related statements not directly made by Motorola nor any warranty obligations applicable to the seller.

A list of the Motorola Call Centre numbers is enclosed with this Product.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal Communicator and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages nor loss of data in excess of the purchase price nor for any incidental special or consequential damages* arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

How to get Warranty Service?

In most cases the authorised Motorola dealer which sold and/or installed your Motorola Personal Communicator and original accessories will honour a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service please contact either the customer service department of your service provider or Motorola's call centre at the telephone numbers below for your country.

In order to claim the warranty service you must return the Personal Communicator and/or accessories in question to Motorola please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of operator and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal Communicator is installed should be driven to the Authorised Repair Centre, as analysis of any problem may require inspection of the entire vehicular installation.

---

*) including without limitation loss of use, loss of time, loss of data, inconvenience, commercial loss, lost profits or savings.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The phone should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

Conditions

This warranty will not apply if the type or serial numbers on the Product has been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation can not be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include reflashing of software, the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All original accessories, batteries, parts, and Personal Communicator equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal Communicator, accessories, software applications and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories, software applications and peripherals are not manufactured and supplied by Motorola.

What is not covered by the Warranty

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorised persons.

1 Defects or damage resulting from use of the Product in other than its normal and customary manner.

2 Defects or damage from misuse, access to incompatible sources, accident or neglect.

3 Defects or damage from improper testing, operation, maintenance, installation, adjustment, unauthorised software applications or any alteration or modification of any kind.

4 Breakage or damage to antennas unless caused directly by defects in material or workmanship.

5   Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.

6   Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.

7   Defects or damage due to moist, liquid or spills of food.

8   Control unit coil cords in the Product that are stretched or have the modular tab broken.

9   All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.

10 Leather cases (which are covered under separate manufacturer's warranties).

11 Products rented on a temporary basis.

12 Periodic maintenance and repair or replacement of parts due to normal wear and tear.

Note: The talk-time, stand-by time and total life cycle of a Motorola rechargeable battery for your Personal Communicator will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal Communicator within the first six months from date of purchase and up-to (200) charges.

The warranty for Motorola rechargeable batteries becomes void if

(i)   the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery,

(ii) any of the seals on the battery are broken or show evidence of tampering,

(iii) the battery is used in equipment or service other than the cellular telephone equipment for which it is specified.

Getting Started

What's in the Box?

Your digital wireless phone has a permanent internal battery, and typically comes equipped with a charger. Other accessory options can customise your phone for maximum performance and portability.

About This Guide

Optional Features

Features marked with this label are optional network, SIM card, and/or subscription-dependent features. These features may not be offered by all service providers in all geographical areas. Contact your service provider for information about availability.

Optional Accessories

Features marked with this label require the use of an optional Motorola Original™ accessory.

Changing Your SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It must be installed in the base of the phone.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Note: Since your C330 Series phone lets you change covers and keypads, it may not appear exactly as the phone pictured. All key locations, sequences, and functions remain the same with any of the various covers.

To Change Your SIM Card

1 Press down on the cover release button at the top of your phone.

2 Pull the top of the phone's back cover to release it.

Release button

Release button
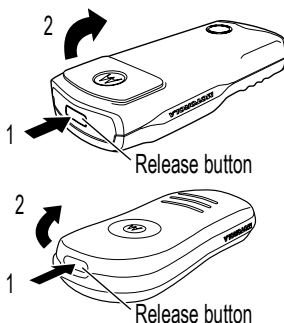
To Change Your SIM Card

3 Slide the metal SIM card holder back to unlock it, then lift up to open it slightly. Remove the old SIM card, if necessary.

3
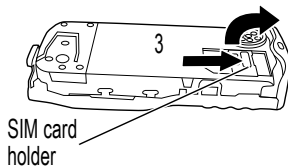
SIM card holder

4 Insert the new SIM card in the holder with the cut corner on the upper left and the gold plate facing down.

SIM card

4

5 Close the SIM card holder and slide it forward to lock it.
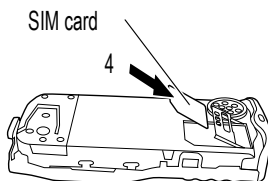
Changing Your Phone's Cover

Note: Since your C330 Series phone lets you change covers and keypads, it may not appear exactly as the phone pictured. All key locations, sequences, and functions remain the same with any of the various covers.

To Remove a Cover and Keypad

1 Press down on the cover release button at the top of your phone.

2 Pull the top of the phone's back cover to release it.

   Note: If your cover has a removable side band, remove it at this point.

Release button

Release button
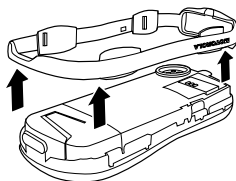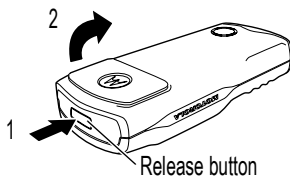
To Remove a Cover and Keypad

3 Pull the side tabs away from the phone.Lift up on the bottom of the phone to pull it out of the front cover.
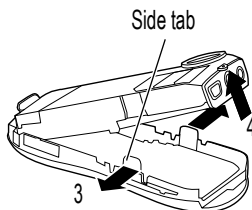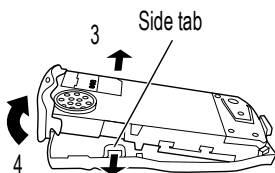
Note: Always use Motorola Original™ covers. The phone warranty does not cover damage caused from using non-Motorola accessories.

Always use the keypad and side band (if applicable) that matches the new cover.

To Install a Cover and Keypad

1 Slide the top of the phone into the top of the new front cover.

2 Press the bottom of the phone into the front cover until the side tabs snap into place.

   Note: If your cover has a removable side band, attach it at this point.

Side tab

Side tab

3 Insert the bottom of
the back cover.

4 Press the top of the
back cover down until
it hooks over the cover
release button.
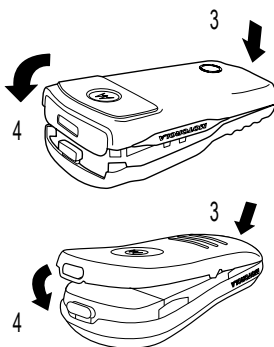
Resetting Your Phone

If your phone becomes frozen on a single display, error message, or
power up, reset your phone as follows:

To Reset Your Phone

1 Remove your phone's back and front cover as described in
"Changing Your Phone's Cover" on page 24.

2 Use a small object to
press the Reset button
on the front of your
phone.

Your phone display
should be restored.

Reset
button
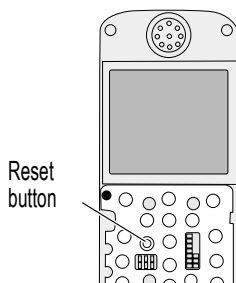
3 Replace your phone's cover.

Charging the Phone

Your phone has a built-in battery. Before you can use your phone, you need to fully charge the battery, as indicated by the following instructions. Some batteries perform best after several full charge/discharge cycles.

To Charge the Phone

1 Plug the travel
charger into the
middle jack on
the bottom of your
phone.
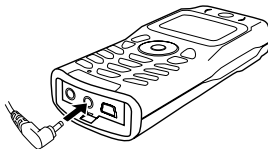
2 Plug the other end of the travel charger into the
appropriate electrical outlet.

3 When your phone indicates that it is fully charged
(Charge Complete), remove the travel charger.

Note: When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. See the "Battery Level Indicator" item on page 33.

Battery Use

Your C330 Series phone has a permanent internal battery. To maximise your battery's performance:

- Always use Motorola Original™ battery chargers. The phone warranty does not cover damage caused from using non-Motorola battery chargers.

- New phones or phones that have been stored for long periods of time may require a longer initial charge time.

- Maintain the phone at or near room temperature when charging.

- Do not expose phones to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

Turning Your Phone On

To Turn Your Phone On

1 Press and hold 🕾 (the End/Power key.)

End/
Power Key

2 If necessary, enter your SIM card PIN code and press **OK** (🖉) to unlock your SIM card.

Note: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays the message **SIM Blocked**. (For more information, see "Protecting the SIM Card" on page 64.)

3 If necessary, enter your four-digit unlock code and press
OK (⬉) to unlock your phone.

Note: The unlock code is originally set to 1234. (For more
information, see "Locking and Unlocking Your Phone" on
page 63.)

Adjusting the Volume

You can adjust your phone's earpiece and ring tone volume by pressing
right and left on the ⊙:

When	You Can Adjust
you are in a call	earpiece speaker volume
the display is idle	ring tone volume

Making and Answering Calls

This section summarises the most basic calling features. For more
features, see "Calling Features" on page 43.

Making a Call

There is a built-in antenna in the top of your phone.
Do not block the antenna while you are on a call.

Built-in antenna

To call a number, your phone must:

- be turned on and unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate
  signal strength
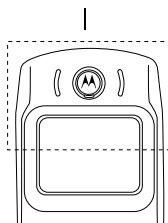
To Make a Call

1 Enter the number with the keypad keys (up to 40 digits).

Note: If you make a mistake, press DELETE (⟋) to delete the last digit, or press and hold DELETE (⟋) to clear all digits.

2 Press ⟋ (send key) to make the call.

3 Press ⟋ (end key) when the call is done.

Note: You can make an emergency call even when the phone is locked, or when a SIM card is not inserted. See "Dialing an Emergency Number" on page 44.

Answering a Call

To answer a call, your phone must:

- be turned on and unlocked

- have a SIM card inserted and unlocked

- have a network connection with adequate signal strength

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

To Answer a Call

1 Press ⟋ or ANSWER (⟋).

2 Press ⟋ (end key) when the call is done.

Using Your Phone

See page 1 for a diagram of basic phone components.

Display Symbols

Some of the phone functions described in this guide must be performed from the idle display. The term *idle display* refers to the standard display that you see when your phone is on and ready to use, when you are *not* on a call or using the menu system.

❷ Service Indicator   ❸ In Use Indicator   ❹ Roam Indicator   ❺ Text Entry Indicator (if applies)

❶ Signal Strength Indicator

❾ Alert Type Indicator

❻ Message Indicator

❼ Battery Level Indicator

Clock

❽ Menu Indicator
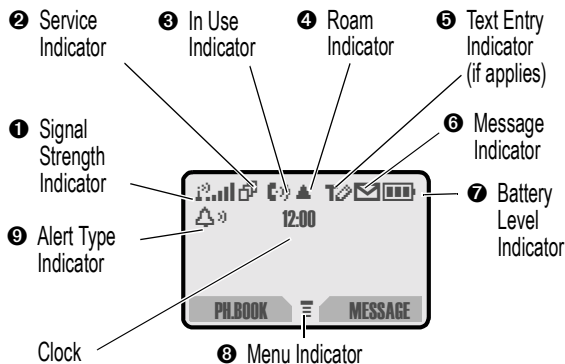
❶ **Signal Strength Indicator** Shows the strength of your phone's connection with the network.

Strong   ſ.ıll   ſ.ıl   ſ.ı   ſ.   ſ.   ſ   No signal

You cannot make or answer calls when the "no signal" indicator is displayed.

➋ **Service Indicator**Indicates if you have a GPRS connection (🖳). GPRS allows faster data transfer speeds, and your service provider may indicate when a GPRS packet data connection is active. The indicator does not mean that you are in a call; only that you are registered on the network via a GPRS connection.

➌ **In Use Indicator**Indicates when a call is in progress, and when you have a secure (🔒) or unsecure (🔒) connection.

➍ **Roam Indicator**Appears when your phone uses another network system outside your home network. When you leave your home network area, your phone *roams* or seeks another network. Icons here can also indicate your text entry mode (alpha, numeric, symbol, etc.)

➎ **Text Entry Indicator**Indicates your Text Entry Method whenever you are in a text editor (Tap, iTap, etc.). See "Entering Text" on page 40.

➏ **Message Indicator**Indicates when you have an active Chat session, or when you have a new voice or text message waiting.

➐ **Battery Level Indicator**Shows the amount of charge left in your battery. The more bars visible, the greater the charge.

| High | ▥ | ▣ | ▢ | ▭ | Low |

Recharge your battery as soon as possible when you see the **Low Battery** warning message and hear the low battery alert.

Note: When you charge the phone, the battery level indicator instead shows how much of the charging process is complete. See "Charging the Phone" on page 28.

❽ Menu Indicator Indicates that you can press 🖃 to open a menu. See "Using the Menu" on page 35.

❾ Alert Type Indicator Shows the current selected alert profile. The default alert setting is loud ring.

△)	Loud ring	△»	Soft ring
⏿⏿⏿	Vibrate	⏿⏿△	Vibrate and ring
△ᵶ	Silent		

Using the Menu

Navigating to a Feature

This guide shows how to navigate to a menu feature as follows:

Find the Feature   🖃   > Recent Calls
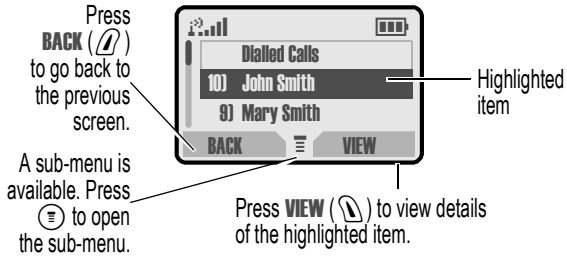   > Dialled Calls

The > symbol means that you should scroll to and select the feature. This example shows that you should press 🖃, scroll to and select Recent Calls, then scroll to and select Dialled Calls to see the dialled calls list.

Selecting a Feature

Some features require you to select an item from a list:

Press **BACK** ($\mathcal{Q}$) to go back to the previous screen.

A sub-menu is available. Press $(\equiv)$ to open the sub-menu.

Press **VIEW** ($\mathbb{N}$) to view details of the highlighted item.

Highlighted item

Select an item by highlighting it using one of these approaches:

- Press $(\diamondsuit)$ to scroll up or down to the item you want.

- In a numbered list, press a number key to highlight the item.

- In an alphabetised list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

Setting Up Your Phone

You can adjust a wide variety of phone settings to suit your needs. You can download pictures and sounds to use as your wallpaper, screen saver, animation, or alert tones. See "Downloading Pictures, Games, and Sounds" on page 70.

Setting the Time and Date

Find the Feature $(\equiv)$ > **Settings** > **Other Settings**
                                     > **Initial Setup** > **Time and Date**

Changing Personal Greetings

To change the text displayed when you turn on your phone:

Find the Feature   ⬡ > **Settings** > **Other Settings**
                                  > **Personalise** > **Greeting**

Choosing Alert and Ring Tones

Your phone rings or vibrates to notify you of an incoming call, message, or
other event. This ring or vibration is called an *alert*. You can select one of
five different alert profiles:

♪⏺	Loud ring	♪⏺	Soft ring
⏸⏺	Vibrate	⏸⏺	Vibrate and ring
♪⏺	Silent		

The alert setting indicator in your display shows the current alert profile
(see illustration on page 33).

Each alert profile contains settings for ring tone and keypad volume.
It also includes alert tone settings for different events: incoming calls, text
messages, voicemail messages, data calls, alarms, and reminders.
You can modify the settings in each profile.

Note: To mix your own alert tones, see "MotoMixer Sound Editor" on
page 73.

Select an Alert Profile

Find the Feature   (≡) > Ring Styles > Alert > *profile*

Customise an Alert Profile

You can customise a profile by changing the alerts used for specific events (such as incoming calls, text messages, etc.).

Find the Feature   (≡) > Ring Styles > *alert* Detail
                                      > *an event* > *event alert*

Note: To create your own alert tones, see "MotoMixer Sound Editor" on page 73.

Setting Your Display Features

You can change the appearance of your display.

Find the Feature   (≡) > Settings > Other Settings
                                      > Initial Setup

Choose one of the following dislpay settings:

Setting	Description
Backlight	the amount of time your backlight remains on (Off conserves the battery)
Contrast	the display contrast
Scroll	tells the cursor to stop or wrap around when it reaches the end of a list in the display
Animation	makes your phone's menus move smoothly as you scroll up and down (Off conserves the battery)
Battery Save	Adjusts the phone's power usage to conserve power

Resetting All Options

To reset all options back to their factory settings except for the unlock code, security code, and lifetime timer:

Find the Feature (≡) > Settings > Other Settings
> Initial Setup > Master Reset

Clearing All Information

To reset all options back to their factory settings *and* clear all user entries (such as Phonebook entries and downloaded wallpapers, screen savers, and sounds):

Warning: This option erases all user-entered information stored in your phone's memory, including phonebook and datebook entries and downloaded files. Once you erase the information, it cannot be recovered. It resets all options back to their factory settings except for the unlock code, security code, and lifetime timer.

Find the Feature (≡) > Settings > Other Settings
> Initial Setup > Master Clear

Setting Other Preferences

To customise other settings on your phone:

- **Calls:** See "Diverting a Call" on page 47 and "Barring a Call" on page 48.

- **Menus:** See "Customising Menus and Display" on page 57 and "Using MyMenu" on page 58.

- **Pictures and Sounds:** See "Customising Menus and Display" on page 57, "Downloading Pictures, Games, and Sounds" on page 70, "Creating Alert Tones" on page 73, "MotoMixer Sound Editor" on page 73, and "Assigning Phone Themes" on page 71.

Entering Text

Various text entry methods make it easy for you to enter names, numbers, and text messages on your phone.

Character Chart

Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the Tap Method text mode. Press the same key repeatedly to cycle through available characters.

1	*space* . 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
2 ABC	a b c 2 ä å á à â ã α β ç
3 DEF	d e f 3 δ ë é è ê φ
4 GHI	g h i 4 ï í î γ
5 JKL	j k l 5 λ

$\boxed{6_{MNO}}$	m n o 6 ñ ö ø ó ò ô õ ω
$\boxed{7_{PQRS}}$	p q r s 7 π ß σ
$\boxed{8_{TUV}}$	t u v 8 θ ü ú ù û
$\boxed{9_{WXYZ}}$	w x y z 9 ξ ψ
$\boxed{0+}$	+ - 0 x * / \ [ ] = > < # §

Your phone model may not include all of the characters shown in the above chart.

Choosing a Text Mode

To activate a text mode, press $\textcircled{\scriptsize{=}}$ > Entry Method from any text entry screen and select the text mode:

iTAP   Let the phone predict each word as you enter it,
                then choose the word from a list (see
                "Predictive Text Entry with iTAP™ Software" on
                page 42).

Tap Method   Enter characters one at a time by pressing the
                key for the letter, number, or symbol. This is the
                standard mode for entering text on your phone.

Numeric   Enter numbers only.

Symbol   Enter symbols only.

Browse   Browse through your phonebook and recent
                calls lists to select a name or number to enter.

Note: The text mode you select remains active until you change it by selecting another mode.

General Text Entry Rules

- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.

- The first character of each sentence is capitalised unless you manually change it. (Press ⊙ up or down to change the character to upper or lower case while it is highlighted.)

Predictive Text Entry with iTAP™ Software

iTAP™ software provides a predictive text entry method that lets you enter the letters of a word using only one keypress per letter.

For example, to spell "act," press ②ᴬᴮᶜ ②ᴬᴮᶜ ⑧ᵀᵁⱽ :

Flashing cursor indicates insertion point.

Press ⊙ to scroll and see additional word choices.

Press **DELETE** (⟋) to clear the last letter entered.

Press **SELECT** (◌) to insert the highlighted word.

Act Cat Bat Abu ▶

DELETE ☰ SELECT
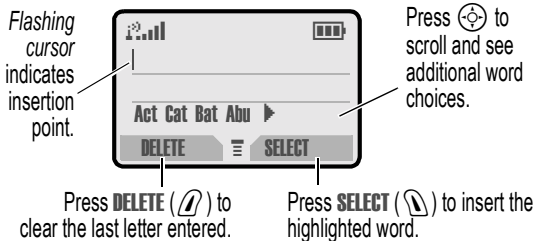
Calling Features

This chapter describes features related to making and answering calls. For information about other call-related features, see "Viewing Recent Calls" on page 45 and "Data and Fax Calls" on page 61. For basic instructions on how to make and answer calls, see pages 30-31.

Redialing a Number

You can redial a previously dialled phone number, whether the call was connected or busy. From the idle display, press $\sqrt[3]{y}$, select the call you want to redial, and press $\sqrt[3]{y}$ again.

Using Caller ID

The *calling line identification* (caller ID) feature lets you see who is calling before you answer.

- If the caller's name is stored in your phonebook, the phone automatically displays the Name or Icon ID. Otherwise, the phone displays the caller's phone number. To create or change a phonebook entry, see "Storing a Phonebook Entry" on page 54.

- If caller ID information is not available, your phone displays the message Incoming Call.

- **Outgoing Calls:** Other phones can display your phone number when you call them or send a message. To hide your number for the next call or message, press $(\equiv)$ >Settings > In-Call Setup > My Caller ID > Next Call Only.

Dialing an Emergency Number

Your service provider programs one or more emergency phone numbers (such as 999) that you can call under any circumstances. You can dial and call the emergency number even when your phone is locked, when you are prompted to enter a code or password, when the SIM card is not inserted in your phone, or when the SIM card is blocked or disabled.

Note: Emergency numbers vary by country. Your phone's emergency number(s) may not work in all locations.

To call the emergency number at any time:

Press		To
1	keypad keys	dial the emergency number (such as 999).
2	🔊	call the emergency number.

Inserting Special Characters into Dialing Sequences

While dialing (with digits visible in the display), you can press ⊜ and insert one of the following:

Option	Desctiption
Insert Pause (inserts a **p**)	Your phone waits until the call connects before it dials the next digit(s) in the series.

Option	Desctiption
Insert Wait (inserts a **w**)	Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s).
Insert 'n' (inserts an **n**)	Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the **n**.

Viewing Recent Calls

You can view and call numbers from calls you recently dialled or received:

Find the Feature   ⓔ   > **Recent Calls** > **Received Calls**
                                      or
                                     Dialled Calls

Using Voicemail

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network - not on your phone. Contact your service provider for more details.

Storing Your Voicemail Number

Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider.

Find the Feature   (≡)   > Messages
                         (≡)   > VoiceMail Setup

Listening to a Voicemail Message

Once you store your voicemail number, you can listen to your voicemail messages at any time:

Find the Feature   (≡)   > Messages > VoiceMail

Speed Dialing

When you store an entry in your phonebook, it is assigned a unique speed dial number. You can then use the speed dial feature to call the entry. In the idle display, just enter the speed dial number and press (#) (⟟).

One-Touch Dialing

You can call phonebook entries 1 to 9 with the push of a single key. Press and hold the one-digit speed dial number for one second. You must assign the 1-touch dial feature to numbers 1 to 9 in your phone memory phonebook or SIM card phonebook:

Find the Feature   (≡)   > Settings > Other Settings
                                    > Initial Setup
                                    > 1-Touch Dial

Note: Your service provider may assign entry 1 to your voicemail number.

Using Call Waiting

If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a second call. To put the first call on hold and answer the second call, press ⌀. To activate or deactivate call waiting:

Find the Feature   ☰   > Settings > In-Call Setup > Call Waiting

Diverting a Call

Call diverting sends your phone's incoming calls directly to another phone number.

Find the Feature   ☰   > Settings > Call Forward

The call diverting options are:

Setting	Description
All Calls	diverts all calls.
If Unavailable	diverts calls if your phone is unavailable.
Detailed	uses different diverting numbers if you are out of range, unable to answer, or busy (*voice calls only*).
Off	does not divert calls.

Linking Calls

To talk to more than one person on a call, you can make a conference call. Call the first person and press **HOLD** (🔧), then call the second person and press **LINK** (🔧).

Transferring a Call

You can directly transfer a call without talking to the person who answers. During a call:

Find the Feature   ⎍ > **Transfer**

Enter the phone number where you are transferring the call and press ◈.

Barring a Call

Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming, or all calls but home.

Find the Feature   ⎍ > **Settings** > **Security** > **Call Barring**

Putting a Call on Hold

While you are on a call:

Press	To
HOLD (🔧) (if available)	put a call on hold.
or ⎍ > **Hold**	Your phone displays a 📳 (flashing phone) indicator to indicate that the call is on hold.

Messages

Text messages are brief messages that you can send and receive (such as **Where are we meeting?**). Received messages appear on your phone display or in your text message inbox.

You must set up the text message inbox *before* you can send and receive these messages. Contact your service provider for details.

Note: Your service provider may have already programmed the text message inbox settings for you.

Sending Messages, Pictures, and Sounds

You can send text messages and pictures or sounds to one or more recipients. You can manually enter each recipient's phone number, or select one or more numbers from the phonebook or recent calls lists.

Note: Files may not be compatible with some brands of handsets.

When you manually enter multiple phone numbers in the **To** field, youmust insert a space between each number. Press and hold ⬤ to insert a space as needed.

Find the Feature ⬤ > **Messages**
⬤ > **Create Message**

Complete the message contents:

Item	Description
To	Enter one or more phone numbers or email addresses where you want to send the message. You can press **BROWSE** ($\langle \rangle$) to select recipients from the phonebook or recent calls lists.
Msg	Enter the text message (see "Entering Text" on page 40). To insert a picture, animation, or sound file in the message, press: $\textcircled{\scriptsize{\equiv}}$ > Insert > *object type* > *object*

Viewing Message Status

Text messages that you send are stored in the outbox. To view the contents of your outbox:

Find the Feature $\textcircled{\scriptsize{\equiv}}$ > Messages > Outbox

Messages are sorted from newest to oldest. The following icons indicate message status:

$\gg$ = sending in progress $\boxtimes$ = delivered

$\times$ = sending failed

Receiving and Reading Messages

When you receive a new message, your phone displays New Message ☒ and gives an alert. Press READ (⬐) to open the message (or your text message inbox if there are multiple messages).

Note: When your inbox is full, a flashing envelope icon appears. New messages will not appear until you delete some of the ones you have.

While reading a message, you can press ⬓ to view the Text Msg Menu that includes the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Reply	Open a new text message, with the sender's Reply To number or email address in the To field.
Forward	Open a copy of the text message, with an empty To field.
Chat	Open a chat session with the message sender.
Lock	Lock the message so that cleanup does not delete it.
Store	Store a message attachment (picture, animation, or sound file) or a phone number in the message.
	You can also save some attachments as your Wallpaper, Screen Saver, or Ring Tone.
Delete	Delete the message.

Option	Description
Delete All	Delete all inbox messages.
New Message	Open a new text message.
Setup	Open the text message inbox setup menu.

Phonebook

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook. You can view these entries and call them directly from your phone.

To see the list of names stored in your phonebook, press (≡) > **Phonebook** from the idle display. Scroll to a name and press **VIEW** (◊) to view details of the phonebook entry as shown in the following display.

Items in a Phonebook Entry

Type indicator identifies number type:
- 🖩 Work
- 🏠 Home
- ☎ Main
- 🖷 Mobile
- 🖷 Fax
- 🖩 Pager
- ✉ Email

Voice Name indicator indicates a recorded voice name

Entry's **Name**

Entry's **phone number**, **email address**, or **mailing list** members.

```
Y.ull                    ▥
   🖩 ◄» Carlo Emrys
5551212
Speed No.15#(P)
BACK        ≡     EDIT
```
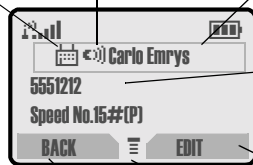
Edit entry

Return to list

Press (≡) to open the **Phonebook Menu**

Notes:

- **Email Address** entries, **Mailing List** entries, and entries stored on the SIM card do not have **Type**, **Voice Name**, **Icon ID**, or **Ringer ID** information.

- If the phonebook entry is a mailing list, list members are listed after the entry's name

Storing a Phonebook Entry

For email addresses, you can send a text message directly from your phone.

Find the Feature

$(\equiv)$ > **Phonebook**

$(\equiv)$ > **New**
> **Phone Number** or
   Email Address or
   Mailing List

Phonebook item	Description
Name	a name for the phonebook entry (see "Entering Text" on page 40).
No., **Email**, or **Members**	the phone number or email address, or select phonebook entries to add as members of the mailing list.
Type	the type of phone number (only for phone numbers not stored on the SIM).
Voice Name	record a voice name for the entry. Press and release **RECORD** (⟨ ⟩), then say the entry's name (in two seconds).

Phonebook item	Description
Speed No.	the number you use to *speed dial* the entry Entries with a speed dial number from 1 to 100 are stored on the phone. Entries with a speed dial number of 101 or higher are stored on the SIM card.
Icon ID	the icon that should appear when you receive calls or messages from this entry.
Ringer ID	the alert your phone should use when you receive calls or messages from this entry.
More	create another entry with the same **Name**.

Dialing a Phonebook Entry

You can use the phonebook list, voice dial, speed dial, or 1-touch dial to call a number stored in your phonebook. To use speed dial, see "Speed Dialing" on page 46. To use 1-touch dial, see "One-Touch Dialing" on page 46.

Phonebook List

Find the Feature   (≡)   > Phonebook

Select the entry and press ⑨.

Shortcut: In idle, press ⟨◎⟩ up or down to open the Phonebook.

Voice Dial

Find the Feature   ⓔ   > **Voice Dial**

Say the pre-recorded phonebook entry name.

Editing a Phonebook Entry

You can edit a phonebook entry stored on your phone or the SIM card. If you change an entry's speed dial number, the entry is moved to the new speed dial location and the original entry is deleted.

Note: You can also use the following procedure to edit a fixed dial entry by scrolling to and selecting **Fix Dial**.

Find the Feature   ⓔ   > **Phonebook**

Select the entry and press ⓔ > **Edit** or **Delete**.

For a description of the items in a phonebook entry or fixed dial entry, see "Items in a Phonebook Entry" on page 53 and "Storing a Phonebook Entry" on page 54.

Customising Your Phone Settings

You can adjust your phone's menus and features.

Customising Menus and Display

Find the Feature $(\equiv)$ > Settings > Other Settings
                    > Personalise

You can change settings for these features:

Setting	Description
Main Menu	change the order of the items in your phone's main menu.
Keys	change the features linked to your (left $\boxed{/}$ and right $\boxed{\mathbb{Q}}$) in the idle display.
Greeting	change the text displayed when you turn on your phone.
Wallpaper	select your display's background image and layout.
Screen Saver	select an image to appear when your phone is idle, and the amount of delay.
Quick Dial	change the numbers stored under $(\equiv)$ > Quick Dial.

Using MyMenu

MyMenu lets you quickly access your favorite menu features.

You can use MyMenu from the idle display, while on a call, or while scrolling through a menu. Just press ⊜ and then the MyMenu key number (①° to ⑨ⁿ·ᵛ ⑨ⁿ·ᵛ).

To add a menu item to the MyMenu list, just select the item and hold ⊜ until the phone asks you for a confirmation.

Getting More Out of Your Phone

Dialing Options

Fixed Dialing

When you activate the fixed dial feature, users can only call the numbers in the fixed dial list.

Find the Feature   ⊜   > Settings > Security > Fixed Dial

Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555. You must enter your SIM PIN2 code, from your network service provider, to edit fixed dial entries.

Find the Feature   ⊜   > Fixed Dial

In the fixed dial list, you can create, edit, delete, and sort entries just like in the phonebook list. Fixed dial list entries are stored on your SIM card and do not have Type or Voice Name fields.

Sending DTMF Tones

While you are on a call, you can send keypresses as tones by pressing ⊜ > Send Tones.

To set DTMF tones to be long, short, or off:

Find the Feature   ⊜   > Settings > Other Settings
                              > Initial Setup > DTMF

Monitoring Phone Use

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 $\textcircled{\tiny{\text{ }}}$. This time includes busy signals and ringing.

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

To view a call timer:

Find the Feature $\textcircled{\tiny{\text{=}}}$ > **Recent Calls** > **Call Times**

You can view the approximate network connection time elapsed during the following calls:

Timer	Description
Last Call	Time spent on the last call dialled or received. You cannot reset this timer.
Dialled Calls	Total time spent on dialled calls since the last time you reset this timer.
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialled and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this phone. You cannot reset this timer.

Network Features

Data and Fax Calls

A Motorola Original™ data kit lets you transfer data between your phone and a computer or other external device. You can:

Optional Accessory

- use your phone to make and answer data and fax calls on your computer or hand-held device.

- use your phone as a modem to connect to the Internet

  Note: 56K modems are capable of receiving 56Kbps from a compatible service provider. Receiving is currently limited in the U.S. and Canada to 53 Kbps, and transmitting to 33.6 Kbps. Actual speeds will vary depending on line conditions.

Connecting Your Phone to an External Device

Connect your phone to an external device (such as a computer or hand-held device) using a USB cable.

Note: Not all devices are compatible with USB cable connections. Check your external device for specifications.

Attach the cable and do the following:

To Establish a Connection		
1	Check the phone	make sure that the phone is connected and powered on.

To Establish a Connection		
2	Open the application on your computer	place the call through the application (such as dial-up-networking)
		Note: You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer.
3	End the transfer on your computer	close the call and connection when the transfer is complete.

Network Selection

You can view and adjust your phone's network settings:

Find the Feature   ⓔ   > Settings > Other Settings
                                       > Network

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.

Security

Line Security

If your phone displays Line Not Secure while you are on a call, your phone has detected another device monitoring the call. This message does not appear when caller ID, call cost, or other information fills the display.

Locking and Unlocking Your Phone

A locked phone still rings or vibrates for incoming calls or messages, *but you must unlock it to answer.*

Lock Your Phone Manually

Find the Feature $\circledast$ > Settings > Security > Phone Lock
                                           > Lock Now

Set Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature $\circledast$ > Settings > Security > Phone Lock
                                           > Automatic Lock > On

Changing Your Unlock Code

Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain four digits, and the security code must contain six digits. Be sure to make a note of the new numbers.

Find the Feature $(\equiv)$ > Settings > Security > New Passwords
                                      > *the password*

If You Forget a Code or Password

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, press $(\equiv)$ and enter your security code when you see the Enter Unlock Code message. See your service provider if you do not know your security code.

Protecting the SIM Card

When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card.

Find the Feature $(\equiv)$ > Settings > Security > SIM PIN
                                      > On or Off

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your phone displays the message SIM Blocked. You need to enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays the message SIM Disabled.

Protecting Web Transactions

The WAP Identity Module (WIM) contains information for e-commerce and other Internet security.

If WIM security is On, your phone prompts you for your WIM PIN whenever you turn on your phone or insert a new SIM card. To turn WIM security on or off:

Find the Feature $\circledast$ > Settings > Security > WIM PIN

To change your WIM PIN, see "Changing Your Unlock Code" on page 64.

Personal Organiser Features

Datebook

The datebook is a calendar that lets you schedule and organise events such as appointments and meetings. You can review your schedule of events for the week or by the day, and have the datebook play a reminder alarm for specific events.

Note: You must set the phone's correct time and date in order to use the datebook (see "Setting the Time and Date" on page 36).

Storing a New Event

A title is required for a datebook event. All other information is optional.

Find the Feature   ⓔ   > Datebook > *day*
                             ⓔ   > New

Enter the event title, start time, duration, date, repeating events, and reminder.

Changing Event Information

To change information about an existing event:

Find the Feature   ⓔ   > Datebook > *event date*
                                    > *event*

Select and change the event information.

Alarm Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message you have received, or a datebook event you have scheduled. To set or turn off reminders:

Find the Feature $(\bar{\equiv})$ > **Ring Styles** > *Alert* **Detail**
                                      > **Reminders** > *Alert*

Note: **Beep** or **Vibrate** sets the corresponding reminder alert type. **Off** turns off all reminders.

Calculator

You can use your phone as a convenient calculator and currency converter.

Selected function appears here — Selected function appears here

Entered number

Press $(\hat{\odot})$ to scroll to other functions

Press $(\hat{\odot})$ to highlight a function

Calculator

+   0

◀ | . || C || = || + || - || X | ▶

EXIT $\equiv$ **SELECT**

Exit the calculator

Press $(\bar{\equiv})$ to open the **Calculator Menu**

Perform the highlighted function
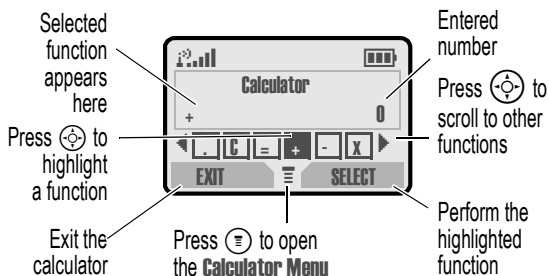
The currency converter works just like the calculator, using the **$** (currency) function and the exchange rate you set:

Find the Feature $(\bar{\equiv})$ > **Calculator**
                              $(\bar{\equiv})$ > **Exchange Rate**

News and Entertainment

Mobile Internet

The Web micro-browser lets you access Web pages and Web-based applications (such as on-line banking, shopping, and games) on your phone. Contact your service provider to set up access, if necessary.

Setting Up Your Phone for Mobile Internet Access

Note: Your service provider may have set up your phone for Internet access.

You can adjust the mobile Internet network connection settings, or create a new network connection profile:

Find the Feature   (≡)   > Web Sessions > [New Entry]

Starting a Mobile Internet Session

To open the Web micro-browser:

Find the Feature   (≡)   > Browser

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Do This	To
Press (◉) up or down	scroll through a page.

Do This	To
Press ⊙ left or right	go back to the previous page or forward to the next one.
Press ⊜	open the **Browser Menu**.

Downloading Pictures, Games, and Sounds

You can download a file such as a ring tone, wallpaper, screensaver, MotoMixer file, game upgrade, or theme to your phone. To download files with the browser on a desktop computer or your phone:

Downloading a File Using a Web Browser

1	In the browser, go to the Web site and find the file you want.
2	Follow the directions on the site to purchase the file (payment details vary). The site sends a text message to your phone, containing the attached file or a URL link to the file.
3	Open the message and store the file (see "Receiving and Reading Messages" on page 51).

Notes:

- Call charges apply during download sessions.

- When your phone runs out of memory for downloaded files, new files overwrite the old ones. Downloaded files share your phone's memory, so you can make room for a picture, for example, by deleting ring tones.

Assigning Phone Themes

In addition to downloading an individual screen saver, wallpaper, or ring tones, you can download all three in a bundle, with a theme such as a special event or a cartoon character.

To download a theme, see "Downloading Pictures, Games, and Sounds" on page 70. When you receive the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to Apply Now?

Your phone saves the downloaded files so that you can always apply them as individual items as described in "Setting Up Your Phone" on page 36.

Games

Your phone comes with three games. If you get an incoming call, message, alarm, or alert while playing a game, the game pauses.

 Find the Feature   (≡)   > Games > *the game*

When the game is over, you can purchase more advanced game levels, play another session of the same game, or return to the games menu.

Astrosmash

In Astrosmash, your job as Commander is to repel an attack of meteors and spinning bombs. You try to shoot as many meteors, bombs, missles, and flying saucers as possible without getting hit. Use ⊙ to direct your ship. Firing is automatic.

Level One: 1500 point limit

Item	Points	Item	Points
Big Rock	10	Guided Missle	50
Small Rock	20	Small Spinner	80
Big Spinner	40		

Game upgrades remove point limits and add UFOs (100 points) and Hyperspace.

MotoGP

In this game, you are a MotoGP motorcycle racer. Use ⊕ to accellerate, brake, and turn your motorcycle.

Level One: "Quick Race", with one lap and one racer.

Game upgrades include other racers and tracks, with "Time Attack" (a time trial with yourself only), and "Grand Prix" (a series of 3 races with other competitors). You can choose a team and a track.

Snood 21

In this solitaire game, you try to use all the cards in a deck by making combinations of 21 on any of four columns. When a combination of 21 is created, the cards are discarded, letting you start another combination of 21. Use ① ② ③ and ④ to place cards on columns one to four.

Level One: 32 cards, with a one-minute time limit.

If you finish the first level in one minute, you can move on to the next one. Game upgrades allow more time.

MotoMixer Sound Editor

The MotoMixer lets you edit and save special MIDI-based sound files in your phone. These sound files include one or more "base tracks", plus extra tracks such as "DRUM", "BASS", and "SOLO". To create or edit a MotoMixer file:

Find the Feature   (≡) > Media Center > MotoMixer
> [New Mix]
    or a tune to edit

Select and name the tracks you want in the Mix. Turn instruments on or off, add effects or pick an instrument variant using your phone's keypad.

First column: on/off

Second column: adds effect

Third column: sets instrument variant

Name of base track

1Drum	(1 o̲) (2 a̲b̲c̲) (3 d̲e̲f̲)
2Bass	(4 g̲h̲i̲) (5 o̲j̲k̲l̲) (6 m̲n̲o̲)
3Harm	(7 p̲q̲r̲s̲) (8 t̲u̲v̲) (9 w̲x̲y̲z̲)
4Solo	(✳) (0 +) (#)
BACK	≡ PLAY
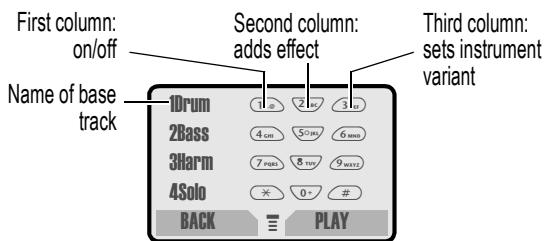
Note: To download new MotoMixer files, see "Downloading Pictures, Games, and Sounds" on page 70.

Creating Alert Tones

The My Tones feature lets you create up to 32 custom alert tones, which appear in the list of available alerts (see "Choosing Alert and Ring Tones" on page 37).

Find the Feature   (≡) > Ring Styles > My Tones
> [New Tone]

To create a new tone, use the keypad keys to enter each note.
Press a key multiple times to cycle through its available notes or options
(pitch, octave, or length).

Key	Displays	Description
$\boxed{1_{.@}}$	1, 2, 3	set octave one, two, or three
$\boxed{2\,_{ABC}}$	A, B, C, 2	note A, B, C, or set octave 2
$\boxed{3\,_{DEF}}$	D, E, F, 3	note D, E, F, or set octave 3
$\boxed{4\,_{GHI}}$	G, R	note G or rest
$\boxed{7\,_{PQRS}}$	#, b	sharp or flat
$\boxed{0+}$	q, h, w	quarter, half, whole note/rest
$\boxed{\circledcirc}$		move cursor left or right

SIM Applications

You can access information and applications stored on your
SIM card.

To access the available applications:

Find the Feature $\textcircled{\scriptsize{\overline{\overline{}}}}$ > SIM Applications

Note: To download new applications, see "Downloading Pictures, Games,
and Sounds" on page 70.

Troubleshooting

Check these questions first if you have problems with your phone:

Question	Answer
Is your battery charged? Do you see ⊏⊐ in the display?	The battery level indicator should have at least one segment showing (⊏⊐). If it does not, recharge your battery. (See "Charging the Phone" on page 28 and "Battery Use" on page 29.)
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. (See "Changing Your SIM Card" on page 22).
Does the handset have a signal? Do you see ℐ³ in the display?	The signal strength indicator should have at least one segment showing (ℐ³). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press right on the ⊙ key.
Is the other party unable to hear you?	Your phone may be muted. Press UNMUTE (⊗) if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery charger used?	

Specific Absorption Rate Data

This model phone meets international standards for exposure to radio waves

Your mobile phone is a radio transmitter and receiver.

It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.*

Tests for SAR are conducted in accordance with CENELEC** testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network.

In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body.

The highest SAR value for this model phone when tested for use at the ear is: 0.55 W/kg.***

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 modifications 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 SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue.The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

** CENELEC is a European Union standards body.

*** Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Index

6809451A97