Welcome

Congratulations on your purchase of a mobile phone from Motorola, the world leader in wireless technology. Motorola phones are packed with features that put you in control and give you unrivalled power, whilst remaining discrete.

Control

Customisable Quick Access Menu

Place nine of your most frequently used features in your own personal menu so they can be accessed with just two key presses.

Voice Dialling

Use voice commands to call up Phone Book entries.

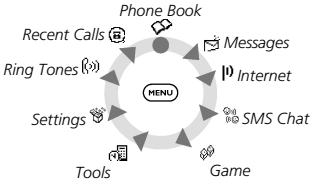
Discretion

- **VibraCall™ Alert**
  When you don't want your phone to ring, your phone can vibrate to alert you of a call.
- **Stop Call Alert**
  Press (↑) when the phone is ringing or vibrating to stop the alert without answering the call.

Power

- **Superb Battery Performance**
  Your phone is capable of several hours of conversation or several days standby.

Main Menu Wheel



For details, see "Using Menus" or "Menu Index".

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Table of Contents

SAFETY AND GENERAL INFORMATION..... 1

Important Information on Safe and Efficient Operation..... 1

Read this Information before using your Personal Communicator 1

Portable Personal Communicator Operation and EME Exposure 3

Electromagnetic Interference / Compatibility 4

Facilities 4

Aircraft 4

Medical Devices 4

Safety and General..... 5

Use in Vehicles..... 5

Operational Warnings 5

Operational Cautions 6

European Union Directives Conformance Statement..... 7

Total Customer Satisfaction 8

Warranty Information..... 10

How to get Warranty Service..... 11

ABOUT YOUR PHONE..... 15

Keys and Display 15

Battery..... 17

Fitting and Removing your Battery..... 17

Charging your Battery 17

Your SIM Card..... 18

SIM Card Insertion / Removal..... 19

Covers..... 20

Using this Manual 21

BASIC TASKS ***23***
Switching the Phone On ***23***
Making a Phone Call ***24***
Receiving a Phone Call ***25***
Locking the Keypad ***25***
Checking Voicemail ***25***
Personalising your Phone ***26***
Using Menus ***26***
Quick Access Menu ***27***

PHONE CALLS ***29***
Making a Phone Call ***29***
Calling Tips *30*
Receiving a Phone Call ***31***
Receiving a Second Call ***32***
Using the In-call Menu ***32***

PHONE BOOK ***35***
Adding an Entry ***35***
Using an Entry ***36***
Using Voice Dial ***36***
Using a Call Group ***38***

MESSAGES ***39***
Reading a Message ***39***
Creating a Message ***40***
Entering Text ***41***
Text Entry Table *43*

INTERNET ***45***

STARTING A CHAT SESSION ***47***
Responding to Chat ***48***
Reviewing a Chat Session ***49***

GAME ***51***
Bricks ***51***

TOOLS ***53***
Using a Reminder ***53***
Creating Reminders *53*
Viewing Reminders *54*
Calculating / Converting ***55***
Basic Mathematical Calculations *55*
Currency Conversion *56*

RING TONES ***57***
Changing your Ring Tone ***57***
Creating Reminders *57*

RECENT CALLS ***59***
Viewing Recent Calls ***59***
Recent Call Options *59*
Viewing Call Time / Cost ***60***

MENU INDEX ***61***
Phone Book Menu ***62***
Personal Numbers *62*
Voice Dialling *63*
My Phone Number(s) *63*
Copy Between SIM & Phone *63*
One-touch Dial Setting *63*
Show Services *63*

Messages Menu ***64***
Create Message *64*
Received Messages *64*
Outgoing Messages *65*
Call Voicemail *65*
Cell Broadcast *65*
Message Settings *66*
Internet ***67***
Setting Up Mobile Internet Access *67*
Initialising your SIM for Internet Access *68*
SMS Chat Menu ***68***
Start Chat *68*
History *68*
Erase History *68*
End Chat *68*
Resume Chat *68*
Game Menu ***68***
Tools Menu ***69***
Reminder *69*
Calculator *69*
Settings Menu ***69***
Phone Setup Menu *69*
Time / Date Menu *72*
Security Menu *72*
Network Selection *73*
Accessory Setup *74*
Ring Tones Menu ***75***
Adjust Ring Volume *75*
Ring or Vibrate *75*
Set Ringer Tone *75*
Set Ringer Tone 2 ..... *75*
Set Message Alert Tone *75*
Download Ring Tone *75*
Call Groups *76*

Recent Calls Menu ***76***
Last Ten Calls *76*
Show Call Charges *77*
Show Call Timers *77*
Set In-call Display *77*
Call Charge Settings *78*
Lifetime Timer *78*
Prepay Service *78*

ACCESSORIES ***79***
Covers ***79***
Travel Charger ***79***
Vehicular Power Adapter ***79***
Easy Install Hands Free Kit ***79***
Headset ***80***
Pouch ***80***

WHAT TO DO IF... ..... ***81***
You can't Switch your Phone On ***81***
You can't Make or Receive Calls (or Access the Internet) ***81***
Your Phone won't Unlock ***82***
Your PIN or PIN2 is Blocked ***82***
Your SIM Card won't Work ***82***
The Battery won't Charge or the Icon is Missing ***83***
The Battery Drains Faster than Normal ***83***
You can't Cancel Call Diverting or Call Barring ***84***
The ✉ Symbol is Flashing ***84***
You can't Make International Calls ***84***

INDEX ***85***

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 Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radio Communications (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. Unauthorised 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 "IN 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 centimetres) 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 centimetres) 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 minimise 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 fuelling 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.

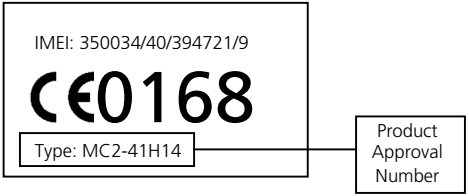
Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewellery, 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

- 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.

Total Customer Satisfaction

At Motorola, Total Customer Satisfaction is a top priority. If you have a question, a suggestion or a concern about your Motorola Cellular Phone, Motorola wants to hear from you.

Please contact the Motorola Cellular Response Centre by fax on: +44 (0) 131 458 6732, or use one of the local phone numbers in the following countries:

Austria	0800 297246
Belgium	0800 72 370
Canada	1 800 461 4575
Czech Republic	00420 2 21 85 21 01
Denmark	4348 8005
Egypt	02 3411800
Eire	01 402 6887
Finland	0800 117 036
France	0 803 303 302
Germany	0180 35050
Greece	00800 441 28150
Hungary	0036 40 200 800
Italy	02 696 333 16
Jordan	06 863750
Kuwait	484 2000 Ext 1177
Lebanon	01 744156
Luxembourg	0800 21 99
Netherlands	0800 022 27 43

Norway	22 55 10 04
Oman	790925
Poland	0801 620 620
Portugal	21 318 0051
Qatar	418999
Saudi Arabia	01 2303294
South Africa	0800 11 48 49
Spain	902 100 077
Sweden	08 445 1210
Switzerland	0800 553 109
Turkey	0212 425 9090
UK	0870 9010 555
United Arab Emirates	04 32 11 66
Hong Kong	852 25063888
People's Republic of China	86 10 68466060
Singapore	65 4855 333
Taiwan	886 2 87731746
United States of America	1 800 331 6456
For e- mail queries contact:	mcrc@ei.css.mot.com
For Internet queries contact:	http://www.motorola.com

Warranty Information

Motorola guarantees to 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.

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 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 Personal Communicator should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

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.

Conditions

This warranty will not apply if the type or serial numbers on the Product have been altered, deleted, duplicated, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation cannot 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 guaranteed for the balance of the original

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

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 aerials 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 system by the operator.

7 Defects or damage due to moisture, 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;

☞*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

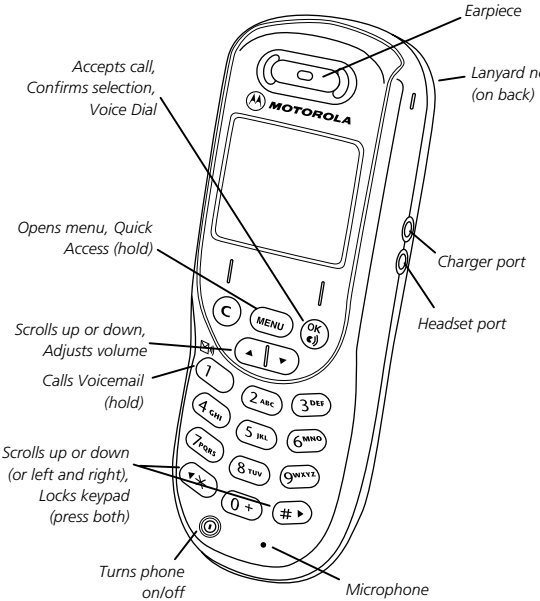
(i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery;

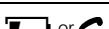
(ii) any of the seals on the battery are broken or show evidence of tampering;

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

About your Phone

Keys and Display



	Signal Strength	*The more segments shown, the stronger the signal.*
	Ringer	*The call ring tone is on.*
	VibraCall Alert	*Set to on.*
	Roam	*The system you are registered on is not your home system.*
	Message	*A text message is waiting (this flashes when the storage area is full).*
	Battery Charge	*The more segments shown, the greater the charge.*
	Alarm	*A reminder time has arrived.*
12:00	***Real Time Clock***	
	***Service***	*Connection is GPRS ( ) or CSD ( ) .*
	Home Zone	*Availability depends on your service provider.*
	Voicemail	*A voicemail message is waiting.*

Battery

Fitting and Removing your Battery

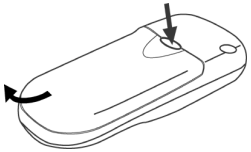
Removing the battery erases time settings and chat history.

1 Switch off your phone before removing the battery.

2 Remove the battery compartment cover (see below).

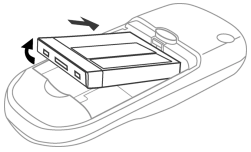
- Install: Slide the battery in and push the bottom down.
- Remove: Slide the battery up and lift the bottom edge out.

Removing the Cover



Press release button, then slide cover back and lift.

Fitting the Battery

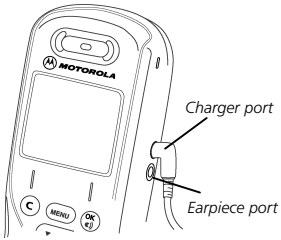


Slide top edge in; Removing: lift bottom edge up.

☞*Make sure that the battery is the right way up (line up the contact points on the battery and the phone).*

Charging your Battery

To charge your battery, just fit it in your phone and plug the charger into the phone (your phone can be on or off).
New batteries are uncharged, and should be charged for about 14 hours.
They perform best after several full charge/discharge cycles.



Low Battery - Only a few minutes of talk time remain.

Invalid Battery - The battery may be defective or a non-Motorola battery.

The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

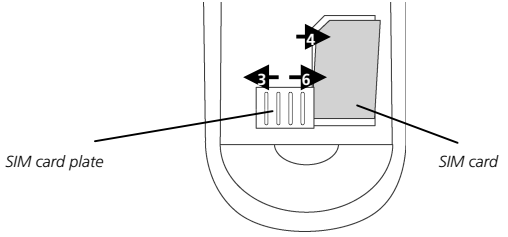
Your SIM Card

Your SIM (Subscriber Identity Module) is a "Smart Card" that holds your phone number, service details, and memory for Phone Book numbers and messages. Use your SIM in any GSM phone and you will be charged for the calls.

Protect your SIM from scratches, water, and static electricity.

SIM Card Insertion / Removal

1. **Switch off your phone** by holding the ⏻ key.
2. Remove the battery cover and battery.
3. Slide the SIM card plate away from the card.
4. Slide the SIM card into the slot from the left, so the card's right edge fits under the lip of the housing.
5. The SIM card stays in the holder with the notch in the upper left corner.
6. Slide the SIM card plate closed over the card.
7. Replace the battery and battery cover.
8. To remove the card, slide the SIM card plate away from the card and gently lift the card out.



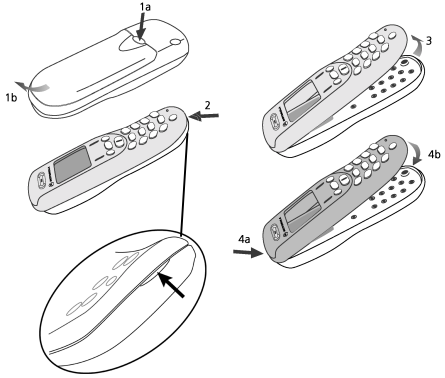
`Check Card` - Remove the card and re-insert it.

`Bad Card See Supplier` - Contact service provider.

`Blocked See Supplier` - Contact service provider.

Covers

You can replace your phone's cover to give it your own personal appearance:



1 Turn off your phone and remove the battery door.

2 Using the indentation at the bottom of the phone, carefully separate the front cover from the phone body.

3 Lift upward on the front cover to release the top edge from the phone body.

4 To install a front cover, hook the top of it onto the phone body and depress the cover bottom until it locks in place.

Using this Manual

This manual uses some helpful symbols to guide you along.

- **Key Presses**
  For example, MENU OK C means you should press the MENU key, followed by OK and then C, in sequence.
- **Prompts and Messages**
  Special "LCD" text (such as Enter PIN) indicates text that appears in your display.
- **Other Symbols**
  Also note the following characters:

  ! Contains safety information.

  OK Indicates *Personality™* features you can adjust.

  Describes a short-cut key sequence.

  Indicates optional features that depend on your network. Contact your network service provider for information about the features available on your network and SIM card.

Switching the Phone On

1. Hold ⏻.
2. Enter your PIN (if required).
3. Press the OK key.

`Blocked` - If your PIN number is entered incorrectly three times in a row, your phone becomes blocked. See "Your PIN or PIN2 is blocked" for details.

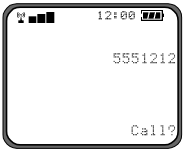
OK `Enter Unlock Code` - The unlock code is a four-digit number (default is **1234**). To change it, see "Phone Lock", or press MENU at this prompt (Security Code required).

Making a Phone Call

1 Enter the phone number.

2 Press the OK key.

3 To end the call, press C.



When entering a number, press C to erase.

! The world-wide GSM emergency number is 112.

From idle, press (phone book location number) # OK to dial a number in your phone book.

Receiving a Phone Call

1. The call arrives.
2. Press the OK key to answer.
3. To end the call, press C.

If you have Caller ID, the caller's number or name appears.
When you receive a call:

1. Press OK to answer the call.
2. Press C to send a busy tone or divert the call (if you set "Call Diverting," in the Settings Menu).
3. Hold C to reject the call.

Locking the Keypad

Press * # simultaneously to lock/unlock the keypad. This prevents accidental key presses by deactivating all keys except ⏻ (power) and OK (answers incoming calls).

Checking Voicemail

Press and hold 1 to call your phone's voicemail number. To store this number, see "Voicemail Number" (in the Message Setting Menu).

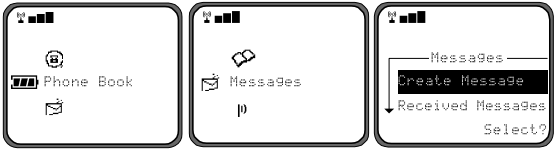
Personalising your Phone

OK See the "Phone Setup Menu" to change your:

- font size
- language
- call diverting
- quick access
- screen saver
- entry method
- call waiting
- keypad tones
- contrast
- call timers
- battery save
- phone line

Using Menus

- Press (MENU).
- Press (▲ ▼) to scroll.
- Press (OK) to select.
- Press (C) to close a menu.

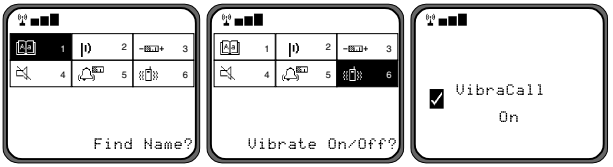


Menus give you quick and easy access to phone features:

- **Press** (MENU) to enter the current menu (special menus are available during tasks). **Hold** (MENU) when idle to enter the Quick Access menu.
- **Press** (▲ ▼), (*), (#), (OK) and (C) in a menu to scroll to, select, and cancel menu options.
- **Press** (C) to close a menu. **Hold** (C) to close all menus.

Quick Access Menu

- **Hold** (MENU) in idle display.
- **Press** (▲ ▼) to scroll.
- **Press** (OK) to select.
- **Press** (C) to close a menu.



The standard Quick Access menu options are:

1		*Find by Name*	6 MNO		*Vibrate On/Off*
2 ABC		*Add to SIM*	7 PQRS		*Adjust Ringer*
3 DEF		*Missed Calls*	8 TUV		*Reminder*
4 GHI		*Received Messages*	9 WXYZ		*Divert On/Off*
5 JKL		*Create Message*			

Some service providers change these options.
You can change them using "Quick Access Setup".

Making a Phone Call

To make a phone call, you can:

Use the digit keys

1. Enter the phone number.
2. Press the OK key.
3. To end the call, press C.

When entering a number, press C to erase.

Use Automatic Redial

After a call attempt fails, your phone displays `Redial?` for five seconds. Press OK.

Redial the Last Number Called

In idle, press OK OK OK.

Recall a Recent Phone Number

See "Viewing Recent Calls" to use numbers from recent calls.

OK *One Touch Dial*

Hold a key from 2 ABC to 9 WXYZ in idle to dial the phone book entry in that location.

OK *Dial a Phone Book Entry*

Press location number #▸ OK.

Voice dial a Phone Book entry

Hold OK in idle, then say the entry's voice tag after the tone.

Call a Number in a Text Message

See "Reading a Message" for details.

Calling Tips

International Phone Calls

Hold 0+ to automatically enter the international dialling prefix for the country from which you are calling (+ appears in the display).

Pauses

Hold ◂¥ to insert a three-second "pause" in a phone number. (¤ appears in the display.) The first pause in a number begins after the call is answered.

Emergency Calls

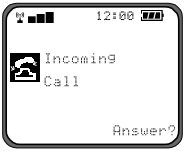
The world-wide GSM emergency number is **112**. This works regardless of security restrictions and (on some networks) without a SIM.

Receiving a Phone Call

1 The call arrives.

2 Press the OK key to answer.

3 To end the call, press C.



If you have Caller ID, the caller's number or name appears.

When you receive a call:

1 Press OK to answer the call.

2 Press C to send a busy tone or divert the call (If set).
To **divert calls**, see "Call Diverting," in the Settings Menu).

3 Hold C to reject the call.

`Missed Call` - You received a call but did not answer.
Your Missed Calls list stores the call details.

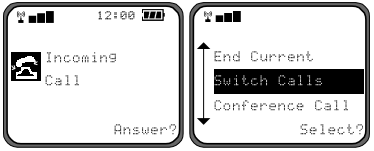
`Anonymous` - The caller withheld (restricted) their number.

`Unavailable` - The network cannot identify the caller.

Receiving a Second Call

If you receive a second call while you are on a call:

1. The second call arrives.
2. Press the (OK) key to answer.
3. Use the (MENU) to switch calls.
4. Use (C) to end the active call.



During a call, press (MENU) to open the in-call menu.

Using the In-call Menu

Press (MENU) during a call to open an in-call menu:

In-call Menu

Hold Call
Make New Call
Restrict My Number
End Active Call
End Held Call
End Current and Held Call
Switch Calls
Conference Call
Transfer Call
Split Call
Reject Waiting Call
Reconnect Held Call
Turn Mute On or Off

Hold Call

Puts the active call on hold.

Make New Call

Lets you make another call.

Restrict my Number

Lets you send (**Show**) or hide (**Restrict**) your phone number for the next call you make. Set your default in the Security Menu.

End Active Call

Ends the active call and activates the call on hold.

End Held Call

Ends the held call.

End Current And Held Calls

Ends all connected calls.

Switch Calls

Switches between the active and held call.

Conference Call

Joins the active call with the call on hold.

Transfer Call

Transfers the active call to the call on hold, or lets you enter a phone number where you want to transfer the active call (if no call is on hold). Once a call is transferred, you disconnect automatically.

Split Call

Lets you talk privately with one person from a conference call.

Reject Waiting Call

Rejects a waiting call.

Reconnect Held Call

Activates the call on hold (if you have a call on hold and a call waiting).

Turn Mute On or Off

Turns the microphone off and on during a phone call.

`Trying` - The phone and network are processing a request.

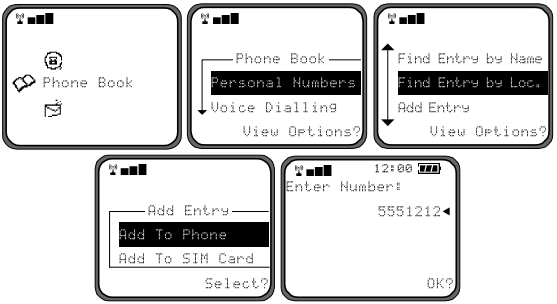
`Cannot Hold Second Call` - A call is already on hold, and you cannot place two calls on hold at the same time.

`Busy Try Later` - Your phone is working on a previous command. Briefly wait before repeating the command.

Adding an Entry

1. Press (MENU) in idle.
2. Select phone book (OK).
3. Select personal numbers.
4. Select add entry.
5. Select the destination.
6. Enter the phone number.
7. Store the number (OK).
8. Complete these details:

- Enter Name
- Select Group
- Enter Location
- Add Voice Tag



Using an Entry

To use a stored entry, open your phone book and select:

Find Entry by Name

Search on the entry's Name.

Find Entry by Location

Enter the entry's location. After you find an entry, press OK to see your options:

- **Switch View**
  Opens the entry's details
- **Call Number**
  Calls the selected telephone number
- **Modify Name or Number**
  Edit the entry details
- **Erase Name and Number**
  Erases the selected entry
- **Add or Edit Voice Tag**
  Record a voice tag
- **Delete Voice Tag**
  Deletes the voice tag (if present)

Using Voice Dial

To **add** a voice tag to a phone book entry, either:

1. Press OK at a new entry's `Add Voicetag` prompt
2. Find a stored entry and select `Add/Edit Voicetag`
3. Press OK to record.
4. Say the voice tag.
5. Repeat tag to confirm it OK.

☞*Voice tags are about 2 seconds long.*

You can store 10 voice tags. You cannot record Voice Tags for entries on your SIM card, or for any entry if you prevent phone memory access. (See "Prevent Access".)

To **use** a voice tag:

1 Hold (OK) when the phone is idle.

2 Say the voice tag after the tone.

Using a Call Group

This feature gives you five groups. Each group has a unique ring type, message alert type, vibrate setting for the phone book entries assigned to it.

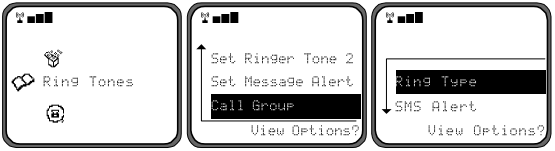
To change details for a group:

1 Press (MENU) in idle.

2 Select Ring Tones (OK).

3 Select Call Group.

4 Select a group, enter details.



The "Default" group stores your standard settings.

To **assign a phone book entry to a group**, find the entry and select Modify Name or Number.

Reading a Message

Your phone supports two GSM message features:

SMS Messages

If someone sends you a message, your phone rings or vibrates and displays Read Now?. Press (OK) to open the message now or (C) to close it.

☞ *Your phone stores these messages and displays the* ✉.

☞ *Your SMS Messages share the same SIM Card memory as your SMS Chat History.*

Broadcast Messages

If your service provider broadcasts a message, it scrolls across your display. Press (▲ ▼) to pause it, or press (C) to delete it.

☞ *Your phone does not store these messages.*

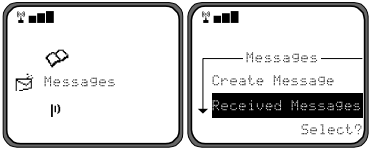
To view a stored SMS message that you received:

1 Press (MENU) in idle.

2 Select Messages (OK).

3 Select received Message.

☞ *Your phone displays the number of messages, then the list of messages from newest to oldest.*



4 To view a message you created, select Outbox.

When you select a message, press OK to see your options:

- **Switch View**
  Displays message text (and closes it).
- **Chat**
  Opens a chat session with the message author.
- **Delete Message**
  Deletes the message.
- **Retrieve Numbers**
  Displays the phone numbers in the message. You can call the numbers or store them.
- **Reply to Message**
  Creates a reply message.
- **Return Call**
  Calls the person who sent the message.
- **Edit Message**
  Lets you edit, send, or store the message.
- **Go to Next Message**
  Displays the next message.
- **Delete All Messages**
  Deletes *all* messages.
- **Delete Oldest Ten**
  Deletes the *ten oldest* messages.

Creating a Message

1. Press MENU in idle.
2. Select Messages OK.
3. Select Create Message.
4. Use the keys to enter text.

☞*To change your text entry method or to enter a Personal or Canned message, press* (MENU) *while entering text.*

5 When you finish the message, press (OK) and choose to:

- **Send Message**
  Enter a phone number and press (OK).
- **Store Message**
  Store the message in your Outbox.
- **Store Personal**
  Store as Personal Message to reuse.

Entering Text

There are six ways to enter text with keys (0+) to (9WXYZ).
To select a text entry method, press (MENU) while entering text.
To set the default, see "Phone Setup Menu".

Personal Message

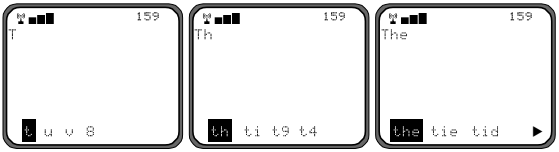
These are pre-written messages that you can create, edit, or send from the message editor.

Canned Message

These are pre-written messages that you can send from the message editor, but cannot edit.

iTAP™

Press a key to enter a character. You see options that begin with the character. Press keys for more characters (press ▲ ▼ and OK to select an option).



☞*The iTAP Dynamic Dictionary learns the words you use most frequently. iTAP is not available in all languages.*

Tap

Press a key to enter a character.

Numeric

Enters numbers only (such as phone numbers).

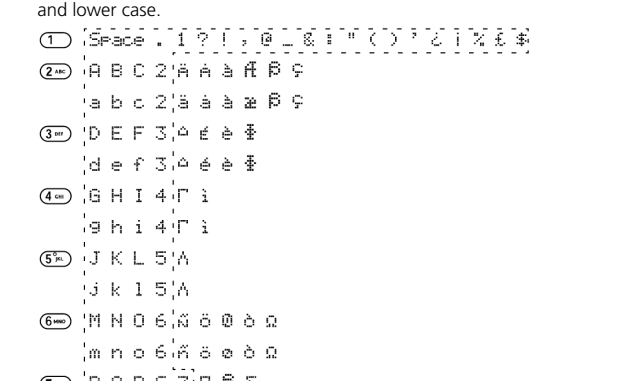
Smileys

Enters special icons (select an icon to enter it):

1	:-)	smiley	8	:>#	woof	15	o<I	party
2	;-)	wink	9	8<)	teddy	16	iii	hooray
3	B-)	cool	10	=:I	magic	17	@>-	flowers
4	:-P	pfrtt	11	(O)	love	18	>-I	drink
5	:-(	sad	12	(X)	broken	19	(II	lunch
6	:-/	grrr	13	Yo!	Yo			
7	:<*	meow	14	==b	well done			

Text Entry Table

This table shows the upper case (top line) and lower case (lower line) characters assigned to each key. Hold a key to change between upper and lower case.



[ ] Identifies the characters available in iTAP.

Keys 1 and 0+ have no case change.

Internet

Your phone can use your service provider's mobile Internet services (such as news or travel information).

1. Confirm that **your** SIM card is inserted.
   (If not, see "Initialising your SIM for Internet Access".)
2. Select Internet in the main menu to start an Internet session. Your phone connects and loads your home page. In Internet pages, you can do the following:

Action	*In mobile Internet*	*In text editor*
Press (MENU)	Selects the first soft key.	See "Entering Text".
Press (OK)	Selects the second soft key.	
Hold (MENU)	Displays the Internet menu.	
Press (C)	Takes you back to the previous page (ends the session in the home page).	Deletes the character in front of the cursor.
Hold (C)	Takes you back to the Internet home page.	Deletes all the characters.
Press a number key	Selects a menu option in a list ((1) through (9 WXYZ)).	Inserts a character.
Hold a number key	Takes you to a bookmarked page ((1) through (9 WXYZ)).	Changes the case for the letter.
Press (▲ ▼)	Takes you up or down through a list.	Moves the cursor to the left or right.

Internet Service Alerts

When you receive these alerts (with or without an Internet session open), your phone emits a tone and displays a notification with alert details.

Press OK to display alert contents or press C to delete it.

GPRS and CSD

For data calls such as Internet access, GPRS (General Packet Radio Service) uses a dedicated data channel and CSD (Circuit Switched Data) use a voice channel. *Usage charges differ, so your phone displays an icon to tell you if it is using a GPRS connection* *or a CSD connection* .

Starting a Chat Session

☞*You can only have one chat session open at a time, which means that you cannot start a new session whilst engaged in an active chat session.*

Any two Motorola phones with the SMS Chat feature can send brief text messages to each other in a chat session. You can only have one chat session open at a time.

To start a chat session:

1 Press (MENU) in idle.

2 Select chat (OK).

3 Select start chat.

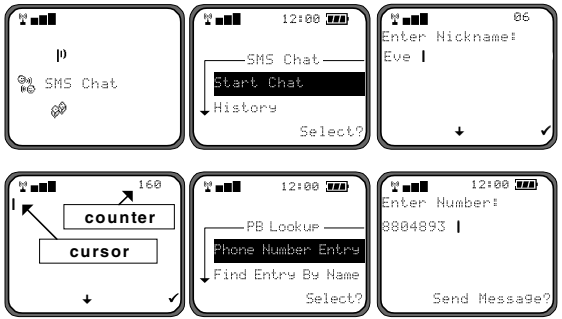
4 Enter your nickname.

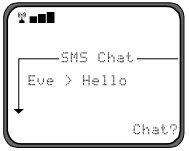
5 Enter your chat message.

6 Select phone number entry.

7 Enter the phone number.

8 Send the message.





- To start a chat session with someone in your phonebook, select Find Entry By Name in the PB Lookup menu.
- To start a chat session with someone who sent you a text message, see "Reading a Message".
- To change your text entry method, enter smileys, or enter a pre-written message, press (MENU) while entering text. For more about text entry, see "Entering Text".
- To suspend a chat session, press (C), then (OK) to confirm. You can re-enter the session at any time by selecting Resume Chat in the SMS Chat menu.
- To end a chat session, select End Chat in the SMS Chat menu.

Responding to Chat

When you receive a chat message:

1 Press (OK) to accept it.

2 Enter your nickname.

3 Press (OK) to open the editor.

4 Enter text and press (OK).

☞*To change your text entry method, enter smileys, or enter a pre-written message, press (MENU) while entering text. For more about text entry, see "Entering Text".*

Reviewing a Chat Session

To see the chat messages from your last session:

1 Press (MENU) in idle.

2 Select chat (OK #0).

3 Select history.

4 Press (▲ ▼) to scroll.

☞*To erase the history, select* Erase History *from the menu.*

☞*History is only available when the chat session has ended.*

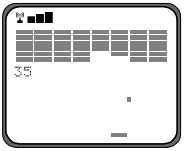
☞*Your SMS Chat History shares the same SIM card memory as your SMS Messages.*

! *Removing the battery erases your chat history.*

Bricks

Bricks is a game where you strike a ball with a paddle to bounce it against a wall of bricks. When the ball hits a brick, the brick disappears and you receive points. If the ball hits the bottom, the game ends.

- top row bricks 30 points
- fourth row 25 points
- third row 20 points
- second row 15 points
- first row 10 points



☞*Tip: Set contrast to moderate*

- **New Game** starts a game.
- **Saved Game** reopens the last game you saved.
- **Best Score** displays the best score for each game level.

Use the following keys during a game:

4 GHI	move left
6 MNO	move right
C	end or pause game (press it again to resume, or OK to close/save)

- When the game starts, the paddle appears at the bottom of the display, in the middle, with the ball above it. The ball moves in a random direction to start. Thereafter, the ball moves with the trajectory of its bounce.
- When the game ends, the screen flashes three times and then displays the results.
- When a call or reminder arrives, your phone stops your game and saves it.

☞*To adjust your display contrast or turn off keypad tones, use the options "Adjust Contrast" and "Select Keypad Tones" in the Phone Setup Menu.*

Using a Reminder

Your phone can store times and details about events, and you can add an alarm to each event as a reminder.

☞*If you remove your battery after storing reminders, you must reset your clock otherwise you will be reminded of an event at the incorrect time.*

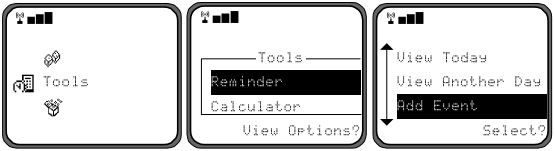
Creating Reminders

1 Press (MENU) in idle.

2 Select tools (OK).

3 Select reminder.

4 Select add event.



After you open an event, enter the following information:

- **Details** - Text about the event.
- **Date** - The date the event occurs
- **Time** - The time the event occurs
- **Duration** - The length of the event
- **Reminder** - Select whether you want to see a reminder. Reminders appear in your display before the event begins. (See "Set Reminder Period").

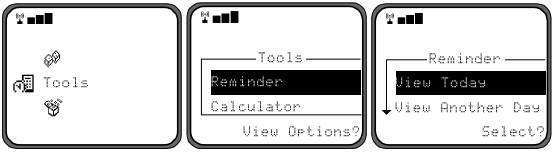
Viewing Reminders

1 Press (MENU) in idle.

2 Select tools (OK).

3 Select reminder.

4 Select view today.



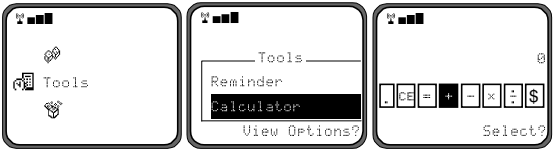
To see events for another day, select View Another Day.

Your phone displays the date and number of events.
Press (OK) to view the events.

Calculating / Converting

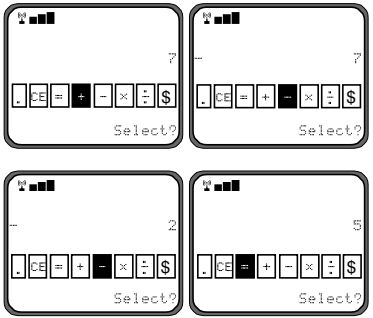
To open the calculator and currency converter:

1. Press (MENU) in idle.
2. Select tools (OK).
3. Select calculator.
4. Enter numbers or functions.



Basic Mathematical Calculations

1. Enter a number: (7pqrs).
2. Select a function: (#) (OK).
3. Enter another number: (2abc).
4. Select "equals": (*) (*) (OK).



- Press C to cancel the latest key pressed.
- Hold C or select CE to clear the entire calculation.

Currency Conversion

To store the exchange rate:

1 Select the currency icon: #▸ #▸ #▸ #▸ MENU.

2 Enter the exchange rate: 1 #▸ 6 MNO 5 JKL OK.

3 Enter the amount: 2 ABC 0 + 0 + OK.

4 The phone displays the result (330).

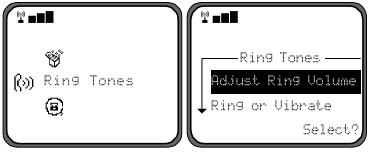
The exchange rate is limited to 10 digits (9 with a decimal).
To convert other amounts with the same exchange rate, just enter the amount and select the MENU. Your phone keeps the exchange rate until you change it.

Changing your Ring Tone

Your phone can store times and details about events, and you can add an alarm to each event as a reminder.

Creating Reminders

1. Press (MENU) in idle.
2. Select ring tones (OK #).
3. Select a tone option.



The phone numbers you assign to Call Groups ring with a special tone (see "Using a Call Group").

☞*You Can Assign Different Ring Tones to Specified Caller Groups*

Ring Tones Menu options include:

- **Adjust Ring Volume**
  Displays and sets the incoming call ring tone volume. Press ▲ ▼ or ◂✱ #▸ to adjust.

OK **Ring or Vibrate**
Your phone's alert for incoming calls

OK **Set Ringer Tone**
Ring tone for incoming calls on Line 1.

OK **Set Ringer Tone 2**
Ring tone for incoming calls on Line 2.

- **Set Message Alert Tone**
  Ring tone for new messages.

☞*You Can Assign Different Ring Tones to Specified Caller Groups*

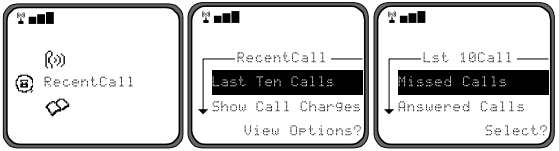
Viewing Recent Calls

1 Press (MENU) in idle.

2 Select recent call (OK).

3 Select last ten calls.

4 Select a call list.



You can view, call, store, or erase items in three call lists:

- **Missed Calls**
  These are your last ten unanswered calls.
- **Answered Calls**
  These are your last ten answered calls.
- **Made Calls**
  These are your last ten calls made.

These lists show each call's time, date, number (if you have Caller ID), and name (if a matching phone book entry exists).

You can choose to **Erase All Numbers** in all three lists.

Recent Call Options

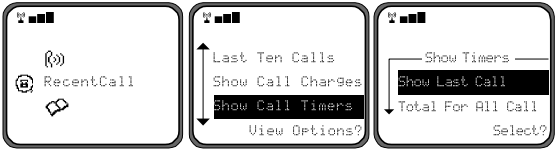
Scroll to a list entry and press (OK) to select the following:

- **Call Number**
  Calls the phone number.
- **Switch View**
  Opens / closes entry details.

- **Add to Phone**
  Creates a phone book entry on your phone.
- **Add to SIM**
  Creates a phone book entry on your SIM card.

Viewing Call Time / Cost

1. Press (MENU) in idle.
2. Select recent call (OK).
3. Show charges or timers.
4. Select a time or cost meter.



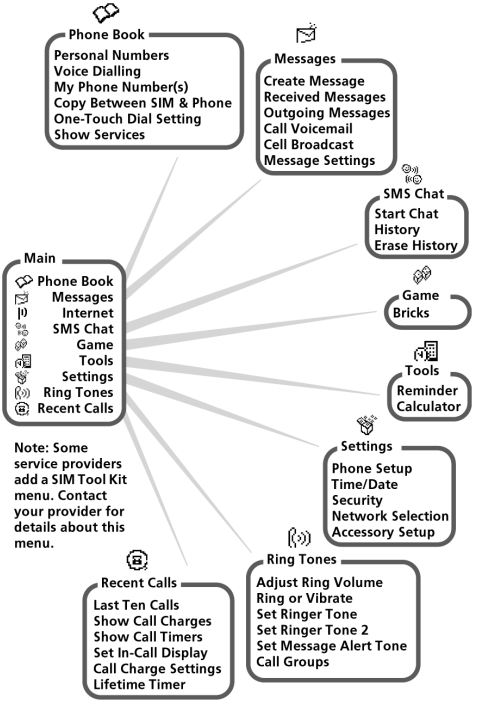
You can select the following time or cost meters:

- **Show Last Call**
  The cost of your last call (chargeable outgoing calls only).
- **Total For All Calls**
  The total for all of your outgoing calls since meters were last reset.
- **Credit Remaining**
  (Show Charges menu only) Subtracts your total call costs from your charge limit. To change settings, see "Call Charge Settings" and "Set Total Charge Limit."
- **Reset All Timers**
  (Show Timers menu only) Sets the resettable timer to zero.

To set up an in-call display of call time or charges, see "Set In-Call Display".

Menu Index

Your phone displays menus with options that you can select.
This section explains the options in the menus.
To learn how to use menus, see *"Using Menus"*.



Phone Book Menu

Personal Numbers

Find Entry by Name

Search the phone book for a name (enter up to three characters). Select an entry and press OK to see your options.

Find Entry by Location

Display an entry matching the location number you enter. Select an entry and press OK to see your options.

Options for 'Find Entry by ...'

After you find a phone book entry, press OK to see your options.

- **Switch View**
  Switches from entry name to details.
- **Call Number**
  Calls the selected entry.
- **Modify Name or Number**
  Edit details. (Also see "Using a Call Group" or "Using Voice Dial".
- **Erase Name and Number**
  Erases the selected entry.
- **Add/Edit Voicetag**
  See "Using Voice Dial."
- **Add Entry**
  Add (store) an entry in the phone book. (See "Adding an Entry.")

☞*If you create an entry to store a phone number prefix, you can quickly dial numbers with this prefix by recalling the entry and finishing the number.*

- **Check Capacity**
  Displays the number of empty entries.

- **Prevent Access**
  Block access to phone book entries on your SIM card, in the phone, or both.

Voice Dialling

Dial a phone book entry when you speak its voice tag (see "Using Voice Dial").

My Phone Number(s)

Displays your wireless phone numbers, stored on your SIM card (some service providers let you edit these numbers).

Copy Between SIM & Phone

Copy phone book entries between your phone and SIM card.

☞*To copy entries between SIM Cards: Copy entries from a SIM Card to the phone, replace the SIM Card, then copy from the phone to the new SIM Card.*

One-touch Dial Setting

Set which numbers One Touch dial calls. (Also see "One Touch Dial.")

- **To Phone Memory**
  Phone book entries 2 to 9.
- **To SIM Card Memory**
  Phone book entries 102 to 109.
- **To Fixed Dial list**
  Fixed Dial list locations 2 to 9.

Show Services

Displays your provider's services (depends on SIM card).

Messages Menu

Create Message

Create a message. (See "Creating a Message.")

OK Received Messages

Displays the number of received messages and how many are new, then lists the messages (newest first). Select a message and press OK for these options:

- **Switch View**
  Switches from message title to details.
- **Delete Message**
  Deletes currently viewed message.
- **Retrieve Numbers**
  Retrieves all numbers embedded in the message.
  You can call numbers or store them.
- **Reply to Message**
  Creates a reply message.
- **Return Call**
  Calls the person who sent the message (if known), or a number quoted ("") in the message.
- **Edit Message**
  Edit, send, or store the message.
- **Go to Next Message**
  Displays the next message.
- **Delete All Messages**
  Deletes *all* messages.
- **Delete Oldest Ten**
  Deletes *ten oldest* messages.

Outgoing Messages

Displays the number of messages you created and stored, then lists the messages (stored on your SIM card). Select a message and press OK for these options:

- **Switch View**
  Displays or closes the message text.
- **Send Message**
  Send the message to a phone number:
- **Enter Number**
  Manually enter the phone number.
- **Find Entry by Name / Location**
  Search phone book.
- **Edit Message**
  Edit, send, or store the message.
- **Delete Message**
  Deletes the message.
- **Go to Next Message**
  Displays the next message.

OK *Call Voicemail*

Calls the voicemail number you stored (to store a number, see Voicemail Number in the Message Setting menu).

Hold 1 to call voicemail when your phone is idle.

Cell Broadcast

Subscribe to "channels" that send broadcast messages (weather, news, etc.). Ask your provider for a channel list.

- **On**
  Turns on messages for the channels you enter.
- **Off**
  Turns off all broadcast messages.
- **Channel List**
  Enter or delete broadcast channels.

- **Channel Index**
  Enter or edit your channel numbers.
- **Delete All Channels**
  Deletes all channels.
- **Language List**
  Select a language for broadcast messages. Also see "Language Selection."

Message Settings

- **AutoSign**
  Automatically attaches your signature to the end of the messages that you send from this phone.
- **Message Pop-up Alert**
  Turn on or off the new message notification (so the ✉ icon is your only message alert).
  [NORTH AMERICAN FEATURE ONLY]
- **Voicemail Number**
  Enter the phone number for voicemail service (used by "Call Voicemail"). Ask your service provider for this number and voicemail features.
- **Service Centre**
  Enter your Message Service Centre number (supplied by your wireless service provider).
- **Expiry Period**
  Enter the maximum time (hours) the service centre should keep trying to send a delayed message.
- **Outgoing Message Type**
  Select a default message type.

Internet

To open an Internet session, see "Internet."

Setting Up Mobile Internet Access

☞ *Your service provider must data-enable your SIM card, and may set up Internet access for you.*

1 Select Internet from the main menu.

2 Hold (MENU) until the Browser Menu appears. Select Setup.

3 Select Edit Profile. You see your list of three profiles. Your service provider may enter uneditable profiles.

OK To set up a unique **homepage** for each profile, select Edit Homepage, select a profile, and enter the URL.

4 Select a profile to edit (press (MENU)). Your phone displays:
1 WAP Settings (supplied by your **service provider**)
2 Data Bearer (supplied by your **service provider**)
3 Profile Name

5 Select 1 WAP Settings and enter the Primary IP and Port, Secondary IP and Port, and your Idle Time Out.

6 Select 2 Data Bearer. You can set up Circuit Switched Data (CSD), General Packet Radio Services (GPRS), or both (a GPRS icon or CSD icon displays when in use).

- Select 1 GPRS to complete the profile's Access Port Name (APN), Username, and Password for General Packet Radio Services (GPRS) connections.
- Select 2 CSD to complete the profile's Phone #, Username, Password, Line Type (Modem or ISDN), and Idle Time Out for Circuit Switched Data (CSD) connections.

7 Select 3 Profile Name: and assign the profile's name.

Initialising your SIM for Internet Access

For security, your phone only lets one SIM card use your Internet access (voice calls are **not** affected). Your phone chooses this card the first time you access the Internet.

To set Internet access to a new SIM card:

1 Have your service provider initialise your account.

2 Insert the **new** SIM card. (See "SIM Card Insertion / Removal.")

3 Select `Internet` from the main menu.

4 Select `New key.` Your phone processes the new card.

SMS Chat Menu

Start Chat

Start a chat session (when not chatting).

History

View the text from the last session (when not chatting).

Erase History

Erase the text from the last session (when not chatting).

End Chat

End the active chat session (when chatting).

Resume Chat

Resume the active chat session (when chatting)

Game Menu

See "Game."

Tools Menu

Reminder

☞ *If you remove your battery after storing reminders, you must reset your clock otherwise you will be reminded of an event at the incorrect time.*

Enter and manage events with alarms.

- **View Today**
  Displays your events for the day.
- **View Another Day**
  Displays events on a specific date.
- **Add Event**
  Enter an event's description, date, start time, duration, and alarm. You can store up to 100 events.
- **Set Reminder Period**
  Set how early your alarms occur. For example, a Reminder Period of *15 minutes* means a 10:00 event displays an alarm (⏰) from 9:45 to 10:00.
- **Set Reminder Tone**
  Set a unique tone for alarms. While the phone is charging, reminders always play a tone.

Calculator

See "Calculating / Converting."

Settings Menu

Phone Setup Menu

- **Font Size**
  Set the display font size (not in all languages).
- **Screen Saver**
  Set a screen saver for your phone's display.

- **Adjust Contrast**
  Adjust the display contrast.
- **Backlight**
  Set the backlight to off, continuous, or normal (on for 15 seconds after each keypress). [NORTH AMERICAN FEATURE ONLY.]

OK **Language Selection**
Change the language for the display.

- **Entry Method Selection**
  Set default text entry method.
- **Show Battery Meter**
  Displays the charge level remaining.

OK **Set Audible Call Timers**
Set timers to beep during calls:
Single Alert - Beeps ten seconds before the set time.
Repetitive - Beeps ten seconds before the set time and at intervals after that.

OK **Call Diverting**
Divert calls to other numbers.
Divert Voice Calls - Select Divert When Unavailable, Divert All Voice Calls, or Detailed Diverting.
Cancel All Diverting - Clears divert settings and numbers.

OK **Call Waiting**
Turn your call waiting notification On or Off.

- **Battery Saving Mode**
  To save power, this activates Discontinuous Transmission (DTX) and deactivates the backlight for broadcast messages.
- **Quick Access Setup**
  Change your Quick Access menu. Scroll to a feature and hold the key to store it.

Find by Name	*Outgoing Messages*	*Divert Voice Call*
Find by Location	*Create Message*	*Adjust Contrast*
Add Entry to Phone	*Missed Calls*	*Access Internet*
Add Entry to SIM	*Last Call Charge*	*Reminder*

Call Voicemail	*Last Call Timer*	*Game*
Battery Meter	*Show Time and Date*	*Answered Calls*
Phone Lock Now	*Credit Remaining*	*Made Calls*
Phone Mute On/Off	*Restrict My ID*	*Calculator*
Ring Volume	*Find New Network*	*Font Size (some languages)*
VibraCall™ Alert On/Off	*Switch Lines*	*Chat*
Switch Memory	*Change Band*	
Read Messages	*Show Services*	

- **Internet Setup**
  Set up three Internet profiles and home pages.
  See "Setting Up Mobile Internet Access."

OK **Select Keypad Tones**
Change or disable keypad tones.

- **Select Phone Line**
  Switch between `Line 1` and `Line 2`.

- **Phone Status**
  Display or erase phone settings.
  Status Review
  Displays settings changed from default.
  Master Reset
  Use with caution. Restores original settings for Automatic Answer, Audible Call Timers, In-call Display Meter, Battery Save (DTX), Automatic Lock, Cell Broadcast, Language, Entry Method, Keypad Tones, Ringer Tones, SMS Alert Tones, Volume, Network Search frequency, and Band of operation.
  Master Clear
  Use with extreme caution. Clears same settings as Master Reset, plus the phone's Phone Book (not SIM's), Last 10 Calls lists, Message Editor, Resettable Call Timers, and Recorded Voice Tags.

Change Band
Change the phone's band of operation. (The band defaults to the country where the phone was sold.)

OK *Time / Date Menu*

- **Show Time and Date**
  Displays the time/date.
- **Set Time and Date**
  Set the time/date (24-hour format).

! *Removing the phone battery erases time settings.*

- **Set Time Format**
  Set the clock to 12 or 24-hour format.

Security Menu

OK **Phone Lock**
Set and change the phone lock (default **1234**).
Auto Lock - Locks the phone each time you switch it off.
Lock Now - Immediately locks your phone.
Change Unlock Code - Change the 4-digit code.

- **Require SIM Card PIN**
  Require a PIN to turn on the phone.

! *If you enter the incorrect PIN or PIN 2 three times, see "Your PIN or PIN2 is blocked."*

- **Change SIM PIN Code**
  Change the 4 to 8-digit PIN.
- **Change SIM PIN2 Code**
  Change the 4 to 8-digit PIN2.

OK **New Security Code**
Change the 6-digit access code for security menu options (default **000000**).

OK **Call Barring**
Set your call barring service (network feature).

Your service provider provides an initial barring password.

Bar Outgoing Calls
Bar all calls (except emergency), International Calls, or International

Calls Except Home.
Bar Incoming Calls
Bar calls When Roaming or always.
Cancel All Barring
Sets all Call Barring options to Off.
Change Bar Password
Change this 4-digit password.

- **Fixed Dialling**
  When this is on, your phone can only call numbers in the fixed dial list (also limits text messages and Internet access). If you try to call numbers not in the list, Restricted appears. The list stores 40 entries on your SIM card. *Does not restrict emergency numbers.*
  View Fixed Dial List
  Displays the Fixed Dial list.
  Setup Fixed Dialling
  Switch Fixed Dialling on or off and edit the Fixed Dial list (requires PIN2 security code).
  Call Barring can affect Fixed Dial (see "Call Barring").

Restrict My Phone Number
Hide or show your phone number to phones with Caller ID (network feature). To set for a single call, use the In-Call Menu.

Network Selection

Your phone automatically registers with networks in this order of preference: the home network, networks from a preferred list, and all other networks above a certain signal strength.

- **Available Networks**
  Finds and lists available networks. Select one to:
  Register Now
  Tries to register with the network.
  Make Preferred
  Copy the network to the preferred list.

- **Network Search**
  Set how your phone finds networks.
  Registration Preferences
  Tell your phone to try to register on networks automatically (Automatic) or display a list of networks to select for registration (Manual).
  Frequency of Search
  Set how often your phone searches for networks when it is waiting to register.

Repeated searches may use significant power.

Preferred Networks
Display and edit your list of preferred networks.
Add Network to List
Select `ChooseNtwk` to choose from available networks, `ChooseKnwn` to choose from a preset list, or `Add New Network Code` to enter codes directly.
Show List of Networks
Select `PrefNtwk` to add a selected network to the list, `Delete Selection` to remove it, or `Switch View` to see its name, ID, and priority.

- **Find New Network**
  Tries to register with any network other than the current one.

Accessory Setup

Your phone is designed for headset and car kit accessories.

- **Automatic Answer**
  Your phone automatically answers calls after the second ring when connected to a headset or car kit. If you unplug the headset or car kit or turn this option off, you can answer calls as normal.

Ring Tones Menu

Adjust Ring Volume

Displays your ring volume. Press ▲ ▼ to adjust it.

OK Ring or Vibrate

Set your phone's standard alert for incoming calls:

- **Ring Only**
  Rings with the tone set in Set Ringer Tone.
- **Vibrate Only**
  Vibrates using VibraCall™ Alert.
- **Vibrate then Ring**
  Vibrates twice, then rings.
- **No Ring or Vibrate**
  Only displays the Call message.

OK Set Ringer Tone

Set your ring tone for incoming calls on Line 1.

OK Set Ringer Tone 2

Set your ring tone for incoming calls on Line 2.

Set Message Alert Tone

Set your ring tone for incoming messages.

Send Music

Opens a text message where you can send an attached tone.

Download Ring Tone

Opens a WAP Internet site where you can select tones to store (at the bottom of your ring tone list).

Call Groups

This feature gives you five groups (profiles). Each group has a unique ring tone for the phone book entries assigned to it.
To assign phone book entries to a call group, see "Using an Entry."

- Ring Volume
  Set the ring volume for incoming calls (same setting as `Adjust Ring Volume`).
- **Default Profile**
  Set the alerts for phone numbers without a group assigned (same settings as "Set Ringer Tone" and "Set Message Alert Tone."
- **Profiles**
  Edit the ring type, message alert type, and name for each call group ("Using a Call Group").

☞*Call group profiles can only be linked to numbers stored in the phone memory NOT on your SIM card.*

Recent Calls Menu

Last Ten Calls

Display, call, store, or erase items in three lists:

- **Missed Calls**
  Your last ten *unanswered* calls.
- **Answered Calls**
  Your last ten *answered* calls.
- **Made Calls**
  Your last ten *dialled* calls.
  Select a list entry and press OK to:
  Call Number - Calls the phone number.
  Switch View - Opens / closes entry details.
  Add to Phone / SIM - Create a phone book entry.
- **Erase All Numbers**
  Erases the numbers in all three lists.

Show Call Charges

Displays call costs. (See "Set Charge Type.")

- **Show Last Call**
  Cost of your last (chargeable) call.
- **Total For All Calls**
  Cost of all your calls since meters were last reset.
  (See "Reset Call Charges.")
- **Credit Remaining**
  Subtracts your total call costs from your charge limit.
  (See "Set Total Charge Limit.")

Show Call Timers

Display and reset timers for outgoing calls.

☞*The amount of network connection time you track on your 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.*

- **Show Last Call**
  Duration of your last (outgoing) call.
- **Total For All Calls**
  Duration of calls since timers were reset.
- **Reset All Timers**
  Set the resettable timer to zero.

Set In-call Display

Set a time or cost meter to display during calls (if you set a total charge limit, Remaining Credit displays during calls).

- **Show Time per Call**
  Displays a time meter during calls.
- **Show Charge per Call, Total Call Charges**
  Displays call charges during calls. (Also see "Set Charge Type.")
- **No In-call Display**
  Turns off in-call charge/time display.

Call Charge Settings

Customise your Advice of Charge settings (PIN2 required).

- **Reset Call Charges**
  Resets your charge meters to zero.
- **Set Total Charge Limit**
  Set the limit for call charges (beyond which the network refuses chargeable calls). Once you set a limit, the in-call display shows your remaining credit. When you reach your last two minutes, the warning message Approaching Charge Limit appears.
- **Set Charge Type**
  Set units or currency for charge displays.
  Units - Sets the charge displays to show phone units.
  Currency - Sets the charge displays to show a currency.
  Currency Name - 3-character notation (such as GBP for the UK or DEM for Germany)
  Charge Per Unit - Currency value per phone unit.

Lifetime Timer

Displays the total time of all outgoing calls from your phone. This cannot be reset (not affected by Reset All Timers, Master Reset, or Master Clear).

Prepay Service

This is an optional method of handling your phone billing. Contact your provider for details.

Accessories

The following accessories have been designed to work with your phone. Additional accessories may be available and a packaged separately. Please refer to your local service provider or retail outlet for more information.

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

☞*Please ensure that when using any external connector with your phone that you are certain that it is fully inserted.*

Covers

Covers let you change your phone's appearance.

Travel Charger

The power adapter (charger) connects to the phone. When connected properly to the phone, it charges the battery.

Vehicular Power Adapter

The Vehicle Power Adapter connects to your phone and allows you to charge your phone's battery while driving.

Easy Install Hands Free Kit

The Easy Install Hands Free Kit provides hands-free operation, allowing you to operate your phone while driving.

Headset

The convenient headset provides both an earphone and microphone for simple hands free and private telephone conversations. The headset plugs directly into the jack on the right side of the phone, below the mains power socket, so that you can wear your phone and move freely.

Pouch

The Pouch holds the phone while being worn on your belt.
The Pouch has been designed for your convenience and is not meant to secure the phone under all circumstances.

What To Do If...

You can't Switch your Phone On

- Check the battery.
  Is it charged, properly fitted and are the contacts clean and dry?
  See "Battery."

You can't Make or Receive Calls (or Access the Internet)

- Check the signal strength meter ( ).
  If the signal is weak, move to an open space or closer to a window.
- Check the Network Selection settings.
  Try Manual Selection, or try another network.
  See "Network Search."
- Check your Operator coverage map.
- Check settings for Call Barring, Call Divert, and Fixed Dial.
- Has the call charge limit been reached?
  Reset it or contact your Service Provider.
  See "Set Total Charge Limit."
- Have you inserted a new SIM card?
  Check for restrictions.
- Check the Ringer and VibraCall™ Alert settings.
  If both are off, there is no alert. See "Ring or Vibrate.

Your Phone won't Unlock

- Have you inserted a new SIM card?
  Enter the new PIN code. See "SIM Card Insertion / Removal."
- Do you have a replacement phone?
  Enter **1234** (default).
- Have you forgotten the unlock code?
  Press (MENU) to change the unlock code (you need your security code).

Your PIN or PIN2 is Blocked

Your service provider supplies the 8-digit PIN (and PIN2) unblock code. Enter this sequence to unblock a feature:

(*) (*) (0+) (5JKL) (*) **Unblock Code** (OK) **New PIN Code** (OK) **New PIN Code** (OK) (use PIN2 code for PIN2 features)

If you perform this operation incorrectly 10 times in a row, your SIM card will be permanently blocked.

Your SIM Card won't Work

- Is it inserted the right side up?
  See "SIM Card Removal."
- Is it visibly damaged?
  Return it to your service provider.
- Are the SIM contacts dirty?
  Clean with an antistatic cloth.

The Battery won't Charge or the Icon is Missing

- Check the charger.
  Is it properly connected? Are its contacts clean and dry?
  See "Battery."
- Check the battery contacts.
  Are they clean and dry?
- Check the battery temperature.
  If it is warm, let it cool first.
- Is the battery several years old?
  Replace the battery.
- Are you using a Motorola original battery?
  Your charger may not recognise your battery. See "Battery".

The Battery Drains Faster than Normal

- Are you in an area of weak coverage?
  This uses more power.
- Is it a new battery?
  See "Charging your Battery."
- Is the battery several years old?
  Replace the battery.
- Has the battery been completely discharged?
  Let it discharge fully (until the phone turns itself off), then charge overnight.
- Turn on battery save ("Battery Saving Mode") and select a slow search frequency ("Frequency of Search").
- Are you using your phone in extreme temperatures?
  Battery life is reduced at extreme hot or cold temperatures.

You can't Cancel Call Diverting or Call Barring

Try again in an area with better network coverage.

The ✉ Symbol is Flashing

Your message memory is full. Delete some text messages.

You can't Make International Calls

- Does your service provider bar international calls?
- Did you dial correctly? See "International Phone Calls."
- Check settings for Call Barring, Call Divert, and Fixed Dial.

Index

A

Access Internet, 67, 70
Adjusting Contrast, 70
Answered Calls, 59, 76
Automatic Lock, 72
Automatic Redial, 29
Automatic Signature, 66
Available Networks, 73

B

Backlight, 70
Band, Changing, 71
Barring
Incoming Calls, 73
Outgoing Calls, 72
Password for, 73
Low Battery
Low Battery, 18
Batteries
Charging, 17
Fitting, 17
Meter, 70
Removing, 17
Travel Charger, 17
Battery
Meter, 70
Battery Saving Mode
Saving Mode, 70
Broadcast
Messages, 39
Setup, 65

C

Calculator, 55
Call Groups, 38, 76
Canned Messages, 41
Capacity
Battery, 70
Phone Book, 62
Cell Broadcast
Battery Saving Mode, 70
Channel List, 65
Changing
Band, 71
Bar Password, 73
SIM PIN Code, 72
Unlock Code, 72
Characters, Table of, 43
Chat
History, 68
Log, 49
Responding, 48
Starting a Session, 47
Check Cap, 62
Contrast, 69
Display, 70
Calculator, 69
Currency Converter, 55

D

Deleting
Last Ten Calls, 76
Messages, 40, 64, 65
Phone Book Entries, 62
Dialling
Emergency Numbers, 30
Fixed, 73
Last Number Dialled, 29
Numbers in Text Messages, 40, 64
One Touch, 63
One-touch, 30
Phone Book Numbers, 30
Display
Adjusting Contrast, 69
Backlight, 70
Characters, 43
Icons, 15
Screen Saver, 69
Displaying your Phone Number, 63
Divert
Cancelling, 70
Voice Calls, 70
Downloading Ring Tones, 75
DTX Battery Saving Mode, 70
Dynamic Dictionary, 42

E

Editing
Messages, 40, 64
Phone Book Entries, 62
Emergency Numbers, 30
Ending Calls, 31
Entering
Characters, 41
Text, 41
Selecting
Text, 70

F

Fault Finding, 81
Finding Phone Book Entries
By Location, 36, 62, 70
By Name, 36, 62, 70
Fitting Batteries, 17
Fixed Dialling, 73
Font Size, 69, 71

G

Game, 51

H

Homepage, 67

I

In-call Options
End Active And Held, 33
Hold Call, 33
Make a New Call, 33
Reconnect Held Call, 34
Restrict My Number or ID, 33
Split Call, 33
Switch Calls, 33
International Phone Calls, 30

Internet
Accessing, 45
Homepage, 67
Setting Up, 67

L

Languages
Cell Broadcast, 66
Phone Display, 70
Last Calls
Adding to Phone Book, 60, 76
Charge, 70
Deleting, 76
Menu, 59, 76
Timer, 70
Lifetime Timer, 78
Lock Now, 71, 72
Locking
Phone, 71, 72

M

Made Calls, 59, 76
Master Clear, 71
Master Reset, 71
Menu Index, 61
Menus
Accessories, 79
Call Diverting, 70
Call Meters, 60, 77
Game, 51
In-call, 33
Network Selection, 73
Recent Calls, 59
Ring Tones, 57
Security, 72
Send Messages, 65
Tools, 53
Messages
Alerts, 66
Broadcast, 39
Canned, 41
Creating, 40, 70
Defined, 39
Deleting, 40, 64, 65
Editing, 40, 64
Personal, 41
Received, 64
Sending, 40, 65
Settings, 66
Switch View, 40, 64, 65
Missed Calls, 59, 76
Mute, 34
My Phone, 63

N

Names
Erasing
Phone Book Entries
Deleting / Erasing Entries, 36
Entering, 41
Erasing, 62
Network Band, Changing, 71
Network Selection, 73

O

One Touch Dialling, 63
One-touch Dialling, 30
Outgoing Messages, 65, 70

P

Passwords
Call Barring, 73
Security Code, 72
SIM Card PIN, 72
Unlock Code, 72
Personal Messages, 41
Personal Numbers, 62
Phone Book
Adding Numbers, 62, 70
Capacity, 62
Copying Entries (SIM / Phone), 63
Deleting / Erasing Entries, 62
Dialling Numbers, 30, 36, 62
Modifying Name or Number Phone Book Entries, 36
Modifying Name or Number, 62
Preventing Access to, 63
phone calls
missed, 31
Phone Calls, 78
Answered, 59, 76
Charges, 78
Emergency, 30
Ending, 31
Holding, 33
International, 30
Made, 59, 76
Metering, 60, 77, 78
Missed, 59, 76
One-touch Dialling, 30
Phone Book Numbers, 30
Receiving, 31
Timing, 70
Transferring, 33
Voicemail, 65
Waiting, 33
Phone Lock, 72
Phone Numbers
Displaying your Own, 63
Storing, 62
Phone Status, 71
PIN Code
Entering, 23
Setting and Changing, 72
PIN2 Code, 72
Pop-Up Alert, 66
Prepay Service, 78
Preventing Access
Phone, 71, 72
Phone Book, 63

Q

Quick Access Menu
Setting Up, 70

R

Received Messages, 64
Receiving Phone Calls, 31
Recent Calls, 59
Redialling the Last Number Dialled, 29
Reminders
Adding, 69
Setting Tone, 69
Viewing, 69

Requiring SIM Card PIN, 72
Restrict my Number or ID, 33, 71
Restrict My Number or ID, 33
Retrieving Numbers, 40, 64
Returning Calls, 40, 64
Ring
or Vibrate, 75
Or Vibrate, 58
Tones, 57, 58, 75
Volume, 58, 75

S

Security, 72
Security Code, 72
Selecting Phone Lines, 71
Sending Messages, 65
Sending Ring Tones, 75
Service Centre, 66
Setting
Call Groups, 38, 76
Fixed Fialling, 73
In-call Display, 77
Message Alert Tone, 58, 75
Ringer Tone, 58, 75
Ringer Tone 2 (Line 2), 58, 75
Time and Date, 72
Showing
Battery Meter, 70
Call Charges, 60, 77
Call Timers, 60, 77
Services, 63
Time and Date, 72
Signature, 66
SIM Card
Insertion / Removal, 19
PIN Code, 23, 72
PIN2 Code, 72
SIM Ph, 63
Splitting Calls, 33
Status
Battery, 70
Switching
View, 40, 59, 64, 65, 76
Switching Calls, 33

T

Text Entry Methods
Canned Messages, 41
Personal Messages, 41
Selecting, 41, 70
Timers, 70, 78
Tones
Downloading, 75
Message Alert, 58, 75
Sending, 75
Setting, 58, 75
Tools, 53
Troubleshooting, 81

U

Unblocking your Phone, 82
Unconditional Call Diversion, 70
Unlock Code, 72

V

VibraCall™l Alert, 71
VibraCall™ Alert, 75
Voice Activation, 63
Voice Dialling, 63
Voice Tag
Adding or Editing When Entry Exists, 36
Adding When Entry is New, 36
Voicemail
Dialling, 65
Storing Number for, 66
Volume
Adjusting Ring, 58, 75

W

What To Do If..., 81