Introduction

Congratulations on your purchase of a member of the *flare*™ family of cellular telephones from *Motorola*, the world leader in cellular technology.

All Motorola cellular telephones are designed and manufactured to meet Motorola's exacting specifications and world-class quality standards. This product is no exception.

This cellular telephone has been manufactured to withstand rigorous durability tests including temperature, humidity, shock, dust, vibration and a drop test.

Our testing standards, our commitment to *Total Customer Satisfaction* and over sixty five years of experience in personal communications means you can depend upon the quality of this Motorola product.

This cellular telephone embodies the very latest digital communication and user-friendly feature technology. Thanks to Motorola's continual advancements in miniaturisation, fabrication techniques and usability technology, it is the most compact and feature-rich, yet easy to use, cellular telephone available.

This cellular telephone has been designed for use with the worldwide GSM (Global System for Mobile communications) network. By using digital communications methods, your phone provides a number of advantages over traditional cellular systems:

• Superior speech quality is attained without the usual background noises and interference.

• Network encryption of the signal is supported. Conversations cannot be eavesdropped using scanning equipment when the signal is encrypted.

• You are not restricted to use within one country.

Your subscriber number is not contained within the phone as with other systems. Instead, a 'Smart Card' known as a SIM (Subscriber Identity Module) is supplied by your Cellular Service Provider. All call billing is made to the subscriber number on the card whether it is used in this or any other GSM unit.

☞*The phone shown is only one member of the flare™ family of cellular telephones.*

RF Safety

<div style="background-color: #cce6f5">

IMPORTANT

For the efficient and safe operation of your GSM Cellular Telephone,

Read this information before use.

</div>

Your GSM cellular telephone is one of the most exciting and innovative electronic products ever developed. With it you can stay in contact with your office, your home, emergency services, and others, wherever service is provided.

General

Your cellular telephone utilizes the GSM standard for cellular technology. GSM is a newer radio frequency ("RF") technology than the current FM technology that has been used for radio communications for decades. The GSM standard has been established for use in the European Community and elsewhere.

Your cellular telephone is actually a low power radio transmitter and receiver. It sends out and receives radio frequency energy. When you use your cellular telephone, the cellular system handling your call controls both the radio frequency and the power level of your cellular telephone.

Exposure To RF Energy

There has been some public concern about possible health effects of using cellular telephones. Although research on health effects from RF energy has focused for many years on the current RF technology, scientists have begun research regarding newer radio technologies such as GSM. After existing research had been reviewed, and after compliance to all applicable safety standards had been tested, it has been concluded that the product is fit for use.

If you are concerned about exposure to RF energy there are things you can do to minimize exposure. Obviously, limiting the duration of your calls will reduce your exposure to RF energy. In addition, you can reduce RF exposure by operating your cellular telephone efficiently by following the below guidelines.

Efficient Phone Operation

For your phone to operate at the lowest power level, consistent with satisfactory call quality:

If your phone has an extendable antenna, extend it fully. Some models allow you to place a call with the antenna retracted. However, your phone operates more efficiently with the antenna fully extended.

Hold the phone as you would any other telephone. While speaking directly into the mouthpiece, position the antenna up and over your shoulder.

Do not hold the antenna when the phone is "IN USE". Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Antenna Care and Replacement

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Replace a damaged antenna immediately. Consult your manual to see if you may change the antenna yourself. If so, use only a manufacturer-approved antenna. Otherwise, have your antenna repaired by a qualified technician.

Use only the supplied or approved antenna. Unauthorised antennas, modifications or attachments could damage the phone and may contravene local RF emission regulations or invalidate type approval.

General Safety

Driving

Check the laws and regulations on the use of cellular telephones in the areas where you drive. Always obey them. Also, when using your phone while driving, please:

- give full attention to driving,
- use hands-free operation, if available, and
- pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most electronic equipment, for example in hospitals and motor vehicles is shielded from RF energy. However, RF energy may effect some malfunctioning or improperly shielded electronic equipment.

Vehicle Electronic Equipment

Check with your vehicle manufacturer's representative to determine if any on board electronic equipment is adequately shielded from RF energy.

Medical Electronic Equipment

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc.) to determine if they are adequately shielded from external RF energy.

Turn your phone **OFF** in health care facilities when any regulations posted in the area instruct you to do so. Hospitals or health care facilities may be using RF monitoring equipment.

Aircraft

Turn your phone **OFF** before boarding any aircraft.

- Use it on the ground only with crew permission.
- Do not use in the air.

To prevent possible interference with aircraft systems, Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent interference with cellular systems, local RF regulations prohibit using your phone whilst airborne.

Children

Do not allow children to play with your phone. It is not a toy. Children could hurt themselves or others (by poking themselves or others in the eye with the antenna, for example). Children could damage the phone, or make calls that increase your telephone bills.

Blasting Areas

To avoid interfering with blasting operations, turn your unit **OFF** when in a "blasting area" or in areas posted: "turn off two-way radio". Construction crews often use remote control RF devices to set off explosives.

Potentially Explosive Atmospheres

Turn your phone **OFF** when in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fuelling areas such as petrol stations; below decks on boats; fuel or chemical transfer or storage facilities; and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Do not transport or store flammable gas, liquid, or explosives, in the compartment of your vehicle which contains your phone or accessories.

Before using your phone in a vehicle powered by liquefied petroleum gas (such as propane or butane) ensure that the vehicle complies with the relevant fire and safety regulations of the country in which the vehicle is to be used.

Safety Standards

This Cellular Telephone complies with all applicable RF safety standards.

This cellular telephone meets the standards and recommendations for the protection of public exposure to RF electromagnetic energy established by governmental bodies and other qualified organisations, such as the following:

- **Verband Deutscher Elektroingenieure (VDE) DIN-0848**

- **Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy**

- **National Radiological Protection Board of the United Kingdom. GS-11, 1988.**

- **American National Standards Institute (ANSI)/IEEE. C95. 1-1992**

- **National Council on Radiation Protection and Measurements (NCRP). Report 86**

- **Department of Health and Welfare Canada, Safety Code 6.**

Additional Safety

Battery Contacts

To prevent injury or burns, do not allow metal objects to contact or short circuit the battery terminals.

Approved Accessories

This apparatus is intended for use when supplied with power from:

Travel Rapid Chargers

SPN4221A, SPN4222A

Battery Chargers

SLN9347B, SPN4216A

Battery Savers

SLN9933A

Car Kits/Vehicular Chargers

S3060A, S3285A, S4386

Other usage will invalidate any approval given to this apparatus and may be dangerous.

Contents

The Manufacturer reserves the right to make changes in technical and product specifications without prior notice.

Understanding this Manual

The pictures of the phones shown in this manual are of only one member of the $f\nu Re$ ™ family of cellular telephones.

The Phone Operation and Menu System

Your phone has been designed to be used in as simple and consistent manner as possible. We have made the next, most obvious, action selectable by pressing the **OK** key.

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

The Keys

The key press features of your phone are represented in this manual using symbols, so that you may locate and use the required sequence quickly. A sequence of key presses may be shown as follows:

MENU **OK** **C**

This means that you should press the **MENU** key followed by the **OK** key and then the **C** key, in sequence, not simultaneously.

☞ *The key shapes represented in this manual may differ from the keys on your phone.*

Multiple Key Presses

Symbols, such as the following, will appear in this manual. They are not keys on the phone, but they represent multiple key presses. For example:

Phone No. - enter the required telephone number.

PIN Code - enter your Personal Identification Number.

Unlock Code - enter your unlock code.

The Display

The LCD display of your phone is also represented graphically within this manual, either as a full screen display such as this:

> MOTOROLA
> GSM

or as a line of text or symbols such as this:

Enter PIN, ⌷, ∅

Other Document Conventions

You will find the following typographic symbols used throughout this guide:

☞ *A **Note** contains additional information which is relevant to the feature/item.*

❗ *A **Caution** contains important additional information which is relevant to the efficient and/or safe usage of your phone.*

A Quick Guide to Your First Call

Basic Steps to Using Your Phone

This brief section provides a quick start guide to using your phone. The steps provided here will allow you to use your phone immediately.

The assumptions made here are that your battery is charged and fitted, and that you have a SIM card registered with a Cellular Service Provider. Each of the following steps is covered in greater detail later in this section.

1 If not already installed, insert the SIM card into your phone.

2 Fully extend the antenna.

3 Switch on your phone by pressing ⏻ .

4 If requested, enter your Personal Identification Number by pressing **PIN Code** **OK** .

   If your phone displays the message:

   `Enter Phone Unlock Code`, press
   Unlock Code   **OK** .

5 Make your call by pressing **Phone No.** **OK**
   or
   Answer a call by pressing **OK** .

6 End your call by pressing **OK** .

GSM Emergency Calls

The worldwide GSM network provides a standard number, 112, to dial in cases of emergency.

Provided that your phone has found a network, you will be able to make an emergency call. The call can be made with or without a SIM card inserted and regardless of any security codes.

The emergency call will be directed to a central emergency operator.

To dial the GSM emergency number, press
1 **1** **2ᴬᴮᶜ** **OK** .

While the emergency call is being made and connected, the display will show `Emergency`.

Language Selection

Your phone will automatically switch to the language associated with your SIM card. If you wish to change the display language follow these steps:

1 End any current calls and/or leave the menus by use of the **C** key.

2 Press the **MENU**, **2ᴬᴮᶜ**, **6ᴹᴺᴼ** and **OK** keys in sequence, this will select the 'Language Selection' menu.

3 Repeatedly press the **MENU** key, until the language you want is shown.

4 Press the **OK** key to select the new display language.

All further display messages will now be in the selected language.

Introducing Your Phone

Special Keys

⓪	Press to turn phone on and off.
ⓘ	Press to see more information on the current operation.
OK	Press to accept call, setting, option,...
📖	Press to access the Phone Book menu.
MENU	Press to access the Options menu.
C	Press to reject call, setting, option,...
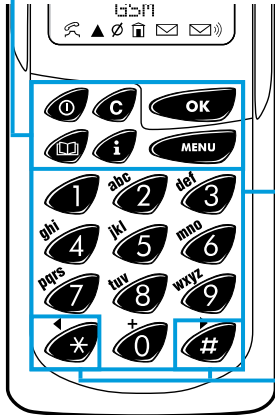
The Other Keys

The digit keys, used to enter phone numbers, security codes and other numeric items.

◄ ✱ # ► Press to move backward and forward through entries. Press *both simultaneously* to activate the keypad lock.

SIM Card Release

The SIM card release button is on the left hand side of your phone. To remove the SIM card, slide this button down toward the base of the phone and pull the SIM card out.
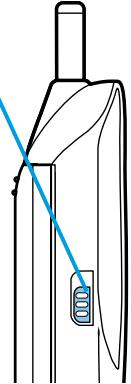
Volume Buttons

The buttons on the right hand side of your phone adjust the earpiece and ringer volume levels. Volume is increased with the upper button and decreased with the lower button.

Adjusting the Earpiece Volume

Press the volume buttons during a call.

Adjusting the Keypad Tone Volume

Press the volume buttons when not in a call.
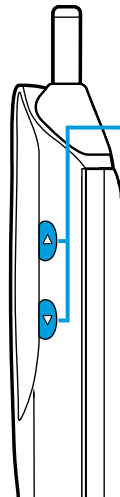
The Display

The Liquid Crystal Display (LCD) on your phone can display two rows of twelve alphanumeric characters as well as useful information symbols.

```
┌──┐        ⸮▪▪▪▪▪
     MOTOROLA
       GSM
 ⤢ ▲ Ø ▐ ✉ ✉⸩
```

The various elements of the display are as follows:

ABC123   Characters are used to display messages and telephone numbers.

▭   **Battery Charge Level**. When the battery is fully charged this symbol will be on. As the battery charge is used, the symbol will begin to flash slowly. The flash will become rapid when the battery is nearly depleted. Replace or recharge the battery at this point.

⸮▪▄▪▪   **Signal Strength**. The more segments displayed in the bar graph, the better the signal strength.

⤢   **In Use**. Displayed when a call is in progress.

▲   **Roam**. This symbol will be on, or flashing, when you are registered on a system other than your home system.

On, for preferred networks.

Flashing, for non-preferred networks.

Ø   **No Service**. This symbol will be on when you are out of cellular system coverage. You will not be able to make or receive calls.

The symbol will flash, when you are in an area with coverage but are not registered on the system. You will be able to make emergency calls using the special GSM emergency number, 112, but cannot make or receive ordinary calls.

▐   **Home Service**. This is reserved for use with a future feature.

✉   **Short Message Service**. When the phone has received a message this symbol will be on. The symbol will flash when your message storage area is full.

✉⸩   **Voicemail**. This is reserved for use with a future feature.

Low Temperature Use

The liquid crystal display screen used in your phone will behave differently at extremely low temperatures. You may notice that the display responds slowly to key presses; this is to be expected and does not affect the phone operation in any way.

Attaching and Using Batteries

Fitting Your Battery

Place the battery onto the rear of the phone just below the marked arrow indicators. Next, slide the battery upwards on the phone's moulded runners, until it locks into place.
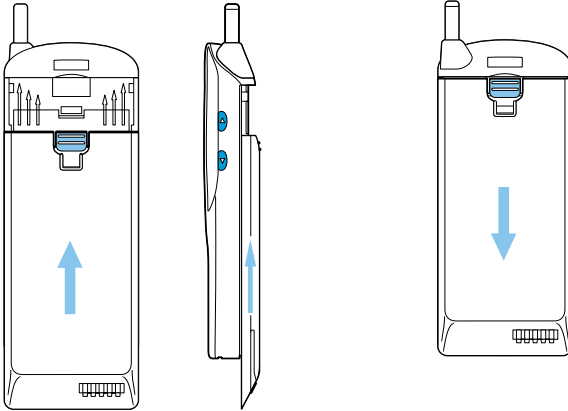
Removing Your Battery

Press the release catch inwards and simultaneously slide the battery downwards, until it reaches the end of its travel. Next, pull the battery away from the rear of the phone.

Low Battery Warning

When the battery level becomes too low for normal operation, a warning signal (two double beeps) will sound. The battery symbol ⊏⊐ will begin to flash rapidly.

When the battery is completely discharged, your phone will turn off.

Charging of Your Battery While Travelling

Your wall adapter can be connected directly to your phone for convenient battery charging while travelling.
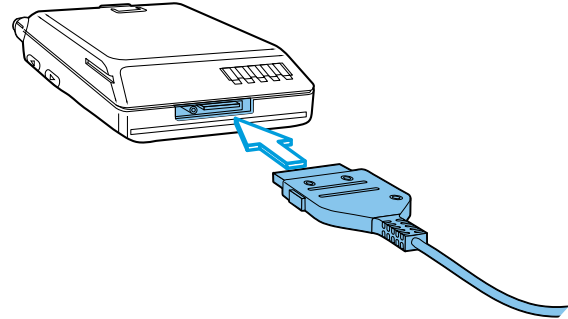
This method of charging your battery has some limitations:

Your battery will not, in general, charge as fast as in a charger.

! *You must ensure that the mains voltage, of the country to which you are travelling, matches your wall adapter ratings.*

Using Your Phone
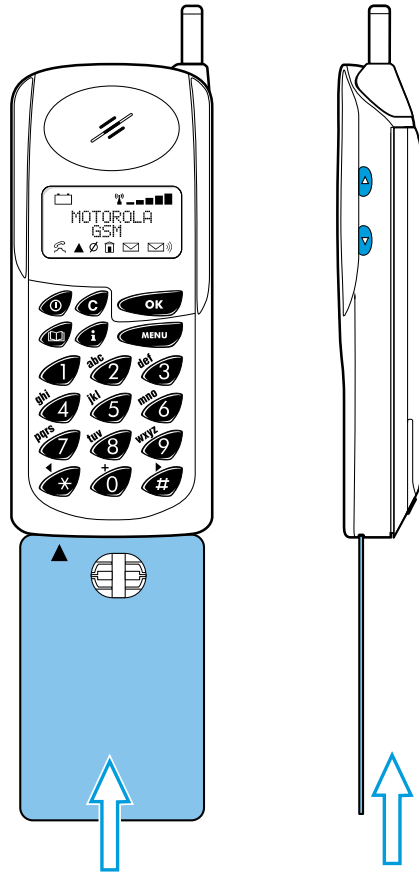
SIM Card Insertion

The SIM card can be inserted into the phone at any time, before or after the phone is switched on.

Insert the SIM card into the slot in the base of the phone, as shown.

If the SIM card is inserted the wrong way round, or damaged, the `Check Card` message may be displayed. Remove the SIM card, check that it is the right way round and then re-insert it into the phone.

If either of the `Bad Card See Supplier` or `Blocked See Supplier` messages are displayed, then you will need to contact your Cellular Service Provider.

SIM Card Removal

Push the release button towards the base of the phone and pull the SIM card out. The SIM card can be removed at any time, before or after the phone is switched off.

Switching the Phone On and Off

To switch the phone on or off press the ⓪ key.

If you are switching the phone on and there is no SIM card inserted, you will be asked to insert one. Once inserted, the phone will check that the SIM card is valid.

Two security codes may be requested at this point:

1 If the `Enter PIN` message appears, then access to the SIM card is restricted by a Personal Identity Number.

2 If the `Enter Phone Unlock Code` message appears, then access to the phone is restricted by an unlock code.

These codes must be entered before the phone can be used for anything other than emergency calls.

The PIN, unlock and other security codes are covered in more detail in *Security Options* later in this section.

Entering Your PIN Code

To enter the PIN code, press **(PIN Code)** **(OK)** .

As you type in each digit of the PIN code a ✴ character will be displayed.

If you have made a mistake, pressing and releasing the Ⓒ key will remove the last digit. Holding the Ⓒ key down will remove the entire entry.

When the PIN code is complete press the **(OK)** key.

If the PIN code entered is incorrect, the warning message `Wrong PIN` will be displayed, followed by `Enter PIN`.

⚠ *If the PIN number is entered incorrectly three times in a row, your phone will automatically lock-up and the* `Blocked` *message will be displayed. If your phone is blocked, see* *Security Options* *later in this section.*

Entering Your Unlock Code

If your phone displays the `Enter Phone Unlock Code` you must enter your unlocking code by pressing **(Unlock Code)** **(OK)** .

The unlock code is a four digit number which is set at manufacture to **1234**. The code can be changed, see the 'Change Unlock Code' in the *Options Menu* section for more details.

Press ⓘ *for additional information*

Phone Calls

To make or receive a phone call, your phone must be switched on, unlocked and have the antenna fully extended for best reception.

If the Ø symbol is showing, your phone has been unable to find a cellular service. It will not be possible to make or receive a phone call unless you move to an area where there is a GSM service. When a service has been found, a series of rising bars, ▂▃▄▅ , will show the signal strength.

You can make a phone call many different ways;

* Using the digit keys, covered in this section.
* Using the automatic and manual redial methods, covered in this section.
* Turbo dialling of a Phone Book entry, covered in this section.
* Calling a Phone Book entry is covered in the *Using The Phone Book Menu* section.
* Calling an Embedded Number in a Message is covered in the *Using The Options Menu* section.
* Calling one of the last ten phone numbers that you have called or received a call from is covered in the *Using The Options Menu* section.

Making a Phone Call

The simplest method of making a phone call is to enter the number, using the digit keys, then press (OK).

☞ *If you make a mistake, press and release the (C) key to remove the last digit. Holding the (C) key down will remove the entire number.*

Your phone will then attempt to make the phone call. The display will show `Calling` to show the call attempt is being made. If the call is not answered, pressing (OK) at this point will end the attempt.

When the phone call is answered, the display will change to `Connected` for a few seconds, followed by `End Call?`.

To end your call press (OK).

If service is temporarily interrupted during a phone call, the message `Reconnecting` may appear. Your phone will automatically try to reconnect the call if possible.

Automatic Redial

If your call attempt does not succeed, the message `Redial?` will be displayed for five seconds. Pressing **OK** at this point will automatically redial the phone number.

When the call is answered, you will hear a short ring tone.

The maximum number of redial attempts is set by your Cellular Service Provider. If the phone call cannot be connected within this maximum, the message `Redial Failed` will be shown.

Manual Redial

When your phone is in standby mode, press the **OK** key. The last number dialled will be shown in the display, pressing the **OK** key a second time will call the number in the normal manner.

Turbo Dialling of Phone Book Numbers

To call any of the Phone Book numbers stored in the first nine locations (1-9), press and hold the appropriate digit key. Your phone will get the number from the Phone Book and call it in the normal manner.

International Phone Calls

To get the international dialling prefix used in the country you are calling from, press and hold the **0 +** key. After a couple of seconds the + will appear. Now enter the country code, followed by the phone number. The country code follows the conventional format, 49 for Germany, 44 for the UK, etc.

Just like a conventional international call, remove the leading '0' of the area code when you dial.

Inserting Pauses Into Phone Numbers

To obtain a three second 'pause' character in a phone number, press and hold the **＊** key for a couple of seconds, the pause symbol ▫ will appear.

The pause character produces a three second delay whenever it is used. However, the first pause character in a phone number is a special case; it will not begin its delay until the call is answered.

Pause - A Working Example.

If, for example, you have a tone-based voicemail system on 555-6911, with a mailbox number 1066 and password 2001. Then you may dial the following number `5556911▫1066▫2001` **OK** .

The first part of the number would be used to call the voicemail system.

When the call is answered the first pause will produce a delay of three seconds before the tones for `1066` are sent to select the mailbox.

There will be a second pause of three seconds before the tones for `2001` are sent as the password.

Muting the Phone

While you are in a call, press **MENU** **MENU**. You will be asked if you want the phone muted. Pressing the **OK** key will mute the phone.

To deactivate the mute, repeat the above process by pressing **MENU** **MENU** followed by **OK** .

☞*If you accept another call using call wait, mute will automatically deactivate.*

DTMF Tone Dialling

Receiving a Phone Call

When your phone receives a call, it will ring and the display will show the `Call` message (if the caller's phone supports the Caller Line Identification option, their number will be displayed instead).

Press **OK** to answer the call.

If you do not wish to answer a call you can either:

Press and release the **C** key. If you have enabled the 'Detailed Diverting - If Busy' option in the *Options Menu*, the caller will be diverted to the forwarding number, otherwise the caller will hear the busy tone.

or

Press and hold the **C** key. This will reject the incoming call. No call divert option will be offered.

If your phone rings and you do not answer it, the message `Unanswered Call` will be displayed to show you that a call attempt was received.

Ending a Phone Call

To end a phone call, press **OK**.

The tones produced by your phone when you press the keys are known as Dual Tone Multi Frequency tones, or DTMF tones for short.

Some possible uses of the DTMF tones are to:

• Get messages from answering machines.

• Signal pagers.

• Control tone operated voice/mail systems.

Your phone will produce DTMF tones when you press the following keys:

0 +, **1**,... ..., **8 TUV**, **9 WXYZ**, **◄ ✱** or **# ►**

When you press these keys during a phone call, the DTMF tones will be produced and the display will show the keys pressed.

In addition to showing the keys pressed, the display will also show `Call?`. This message will be removed, three seconds after the last key press.

If you pressed **OK** at this point, your phone would place the current call on hold and attempt to call the number entered.

Call Holding and Call Waiting

Your phone supports the GSM network options of Call Holding and Call Waiting. Using these options you can place a current phone call on hold and either accept an incoming call or start a second call.

The Call Holding and Call Waiting options are selected by using the **MENU** and **OK** keys. By repeatedly pressing the **MENU** key, you will see the current hold/wait options. When you see the desired option, press the **OK** key to accept.

The Call Waiting option can be disabled, for more details see the 'Call Waiting' option in the *Options Menu* section. If this option is disabled, you will not be notified of waiting calls. The waiting caller will either receive the busy tone or be diverted by the 'Detailed Diverting - If Busy' option.

Call Holding and Call Waiting Scenarios

The precise function of the **MENU**, **OK** and **C** keys when used for call hold/wait options will depend upon the call status at the time.

The valid scenarios are as follows:

A call is active:

OK   The active call ends and your phone is available for further calls as normal.

C   As above.

MENU   Offers the following options:

Hold Call?
If accepted, the active call is held and Call Holding will be displayed.

A call is active and there is a call waiting:

OK   The active call is held, the waiting call is connected and 2 Calls will be displayed.

C   The waiting call is rejected and the display will return to the normal call display.

MENU   Offers the following options:

End Active Call?
If selected, the active call ends. The waiting call now becomes a normal incoming call which can be received by pressing **OK**.

Reject Call Waiting?
If selected, the waiting call is rejected and the display will return to the normal call display.

A call is held:

OK   The held call is reconnected and `Connected` will be displayed.

C   The held call ends and your phone is available for further calls as normal.

MENU   Offers the following options:

`Make New Call?`
If selected, you will be asked to enter the new number to call. The currently held call will remain on hold during the new call.

`End Held Call?`
The held call ends and your phone is available for further calls as normal.

A call is held and there is a call waiting:

OK   The waiting call is connected and `2 Calls` will be displayed.

C   The waiting call is rejected.

MENU   Offers the following options:

`Reconnect Held Call?`
If selected, the held call is reconnected and the waiting call is still waiting.

`Reject Call Waiting?`
If selected, the waiting call is rejected.

`End Held Call?`
If selected, the held call ends. The waiting call now becomes a normal incoming call which can be received by pressing **OK**.

A call is active and a call is held:

OK   The active call ends and the held call is reconnected.

C   As above.

MENU   Offers the following options:

`Switch Calls?`
If selected, the active call is held and the previously held call is reconnected, `2 Calls Connected` will be displayed.

`End Held Call?`
If selected, the held call ends and the display will return to the normal call display.

A call is active, a call is held and there is a call waiting:

OK   The waiting call is rejected and the display will return to the `2 Calls` display.

C   As above.

MENU   Offers the following options:

`End Active Call?`
If selected, the active call ends. The held call remains held and the waiting call is still waiting.

`Switch Calls?`
If selected, the active and held calls swap.

`End Held Call?`
If selected, the held call ends, the active call remains active and the waiting call still waits.

OK *selects an option,* **C** *will reject or cancel.*

Call Diversion

Call Holding and Call Waiting Messages

During Call Holding and/or Call Waiting operations, your phone may display one, or more, of the following messages:

Trying
A request to hold the active call, or swap the active call with a held call, has been made.

or

A request to reconnect the held call has been made.

Hold Failed
The request to hold a call has been unsuccessful.

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

Reconnect Failed
The held call could not be made active again.

Busy Try Later
Your phone is still working on a previous command. Wait a short time before repeating the command.

Your phone has an option to divert incoming calls to another phone number. Each of the three call types, Voice, Fax and Data can be diverted to separate or common numbers.

For additional flexibility, the incoming voice calls can be diverted differently for each of the following conditions:

• For all incoming calls.

• When your phone is busy.

• When you do not answer.

• When your phone is not reachable.

The setting of these options is covered in the 'Call Diverting' option in the *Options Menu* section later in this guide.

Message Services

The Short Message Service, or SMS, is a GSM network option that allows you to receive two types of text messages:

Point to Point Messages

These are text messages that are sent specifically to your phone number.

When a point to point message is received, your phone:

1 Makes three short alert tones.

2 Displays the ✉ (messages) icon.

3 Stores the message for later viewing, if there is space.

For information on reading, deleting and returning calls, see the 'Received Messages' option in the *Using The Options Menu* section later in this guide.

Cell Broadcast Messages

These are general messages, broadcast to a group of phones and can only be received when your phone is in standby mode.

These messages are broadcast in numbered 'channels' and, in general, each channel will tend to carry one particular type of information.

Typical cell broadcast channels could have information on local weather conditions, traffic reports or stock market prices. Please contact your network operator for a list of available channels and the information they supply.

When your phone receives a cell broadcast message, it will attempt to scroll the message across the display. Your phone will be unable to display a message if you have entered a partial phone number, as the Call? prompt uses the same display area. To remove the Call? prompt press and hold the C key.

When the message has scrolled across the display, the beginning of the message will be shown until you either remove it or a new message arrives.

To start or stop scrolling press the ◀✱ key. The #▶ key will restart scrolling from the beginning of the message.

To remove a displayed message, press the C key.

For information on setting the channel number and switching the cell broadcast option on or off, see the 'Cell Broadcast' option in the *Using The Options Menu* section later in this guide.

Security Options

Your phone provides a number of options to protect against unauthorised and accidental use.

The setting of these security options and the entry of the various codes is covered in the *Options Menu* section later in this guide.

The Phone Unlock Code

The unlock code can be set to protect your phone from unauthorised use. If the 'Phone Lock - Automatic Lock' option is enabled, as described in the *Options Menu* section, you will be requested to enter the unlock code each time the phone is switched on.

The unlock code is a four digit number which is set at manufacture to **1234**. The code can be changed, see the 'Change Unlock Code' in the *Options Menu* section for more details.

The Security Code

The security code is used to control access to security and other options within the menus.

The security code is set at manufacture to **000000**, however, for your own security you should change it as soon as possible. See the 'New Security Code' option in the *Options Menu* section for more details.

As a backup, make a note of the new security code and keep it in a safe place, away from the phone.

If you forget your security code, you will need to contact your phone dealer's service centre.

The PIN Code

The PIN code can be set to protect your SIM card from unauthorised use. If the 'Require SIM Card PIN' option is enabled, as described in the *Options Menu* section, you will be requested to enter the PIN code each time the SIM card is inserted into the phone and/or each time your phone is turned on.

To prevent continuous attempts to 'guess' the PIN code, the SIM card will automatically lock-up after three consecutive wrong entries. If the card is locked-up, the `Blocked` message will appear and an unblocking code will be needed. See *Unblocking Your SIM Card* for more details.

The PIN code is a four to eight digit number. See the 'Require SIM Card PIN' option in the *Options Menu* section for more details.

Locking the Keypad

To prevent accidental usage of the phone it is possible to 'lock' the keypad. To activate the lock press the ⬅✱ and #➡ keys simultaneously.

You will be able to answer an incoming call by pressing the **OK** key. If you answer a call in this manner the keypad lock will be automatically switched *off*.

To remove the keypad lock press the ⬅✱ and #➡ keys simultaneously.

Press ⓘ *for additional information*

Call Restrictions

The 'Call Restrictions' option is a simplified version of call barring; it does not rely upon any network service.

Using the 'Call Restrictions' option, you can stop digit key dialling and/or limit the number of digits in a phone number. If, for example, international calls from your country require 11 or more digits, then you can prevent international calls by setting the maximum number of phone number digits to 10.

By restricting incoming calls, the phone will be prevented from receiving *any* calls.

The setting of various 'Call Restrictions' are described in the *Options Menu* section.

Call Barring

The 'Call Barring' option is a GSM network feature supported by your phone.

If you subscribe to call barring, you may restrict incoming and/or outgoing calls by changing the setting of the 'Bar Outgoing Calls' and 'Bar Incoming Calls' options. See the *Options Menu* section for more information.

The message Call Barred will be displayed whenever a restricted call attempt is made.

The initial password for call barring will be supplied to you by the Cellular Service Provider. You may change the password by using the 'Change Bar Password' option, see the *Options Menu* section for more information.

Unblocking Your SIM Card

To unblock your SIM card, enter the following key sequence:

◀✱ ◀✱ 0+ 5 JKL ◀✱ Unblock Code OK
New PIN Code OK New PIN Code OK

The 8 digit unblocking code will have been provided with your SIM card by your Cellular Service Provider.

The new PIN code must contain four to eight digits.

⚠ *If this operation is performed incorrectly 10 times in a row, your SIM card will become permanently blocked.*

Call Metering

Your phone has an internal metering system which can be used to provide you with individual and total call times or costs.

The default setting for these meters is to show call time.

If you wish to display the cost of calls, you must set the 'Set Call Cost Rates' option in the *Options Menu*. This setting is then used to calculate the call costs. There are two call cost rates, home and roam, these are both required to calculate accurate costs.

The meter can be displayed during a phone call and audible tones can be generated to indicate the passage of call time.

Network Selection

In order for the phone to make and receive phone calls, it must register with one of the available networks.

Your phone automatically searches for the last network used. If, for any reason, this network is unavailable, your phone will attempt to register with a new network.

When your phone needs to register with a new network, it will generate a sorted list of networks. If no networks are found No Service will be displayed.

The network list is sorted in the following order:

• The Home network.

• Networks from a preferred list.

• A random list of other networks found above a certain signal strength.

• All remaining networks in descending order of signal strength. Any forbidden networks, stored in the SIM card, will not be included in the sorted list.

Before your phone selects a network from the sorted list, it will check to see if the 'Network Search - Registration Preferences' option is set to automatic or manual. The selection of this option is covered in the *Options Menu* section later in this guide.

The addition of networks to the preferred list is covered by the 'Preferred Networks - Add Network To List' option in the *Options Menu*.

Automatic Selection Mode

In the automatic mode, the phone will try to register with the first network in the sorted list. If this is successful, your phone will display the network name and then enter the standby mode.

If registration is unsuccessful with one network in the list, your phone will try the next listed network. If your phone fails to register with any of the listed networks, it will start at the beginning of the list after a preset period. The preset period is determined by the 'Frequency Of Search' option in the *Options Menu*.

Manual Search Mode

In the manual mode, the phone will present you with the sorted list of networks. Use the ◄ ✱ , # ► and OK keys to select one network from the list. Your phone will try to register with the selected network. If this is successful, the phone will display the network name and then enter the standby mode.

If registration is unsuccessful, your phone will present the list again after a preset period. The preset period is determined by the 'Frequency Of Search' option in the *Options Menu*.

Manual Selection During Operation

You can try to register with a new network at any time, see the 'Show List Of Networks' option in the *Options Menu* for more details.

Menu Navigation, Names and Numbers

Menu Navigation

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

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

The menus described here can only be accessed when the phone is in the standby mode. Menu operation is not possible when you are making or answering a phone call.

Entering the Menus

Two different keys are used to access, and navigate within, each of the three menus:

📖   accesses the Phone Book menu

(MENU)   accesses the Options menu

Once entered, each of these menus use the (MENU), (OK) and (C) keys in a common manner to access and change individual options.

Leaving the Menus

To leave any of the menus, at any point, you can either press and hold the (C) key or repeatedly press the (C) key. Both of these actions will return your phone to the standby mode.

Moving to and Selecting a Menu Option

Each time you press the (MENU) key, the next menu item at the current level is displayed. This menu item will not be 'selected' unless you press the (OK) key.

Some of the menu items are merely a means of accessing a sub-menu. When a sub-menu is selected, pressing the (MENU) key will display the next sub-menu item.

To leave an option or sub-menu, press the (C) key. This will take you back to the 'parent' menu item.

Menu Options with Multiple Settings

Many of the options have multiple settings, such as On or Off, or High, Medium or Low. The current setting of such options will by indicated by the ÷ character.

Menu Options with Security Codes

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

Confirmation Messages

When you change the setting of an option, it will confirm that the change has been made.

Menu Navigation - A Working Example

If you wish to switch the Extended Menus option on or off, then follow these steps:

1 When the phone is in the standby mode, press the (MENU) key. This will access the Options menu. ──────

2 Press the (MENU) key to go to the next menu item; the display will now show the 'Call Related Features' menu item. ──

3 Press the (MENU) key again to go to the next menu item; the display will now show the 'Messages' menu item. ──────

4 Press the (MENU) key again to go to the next menu item; the display will now show the 'Phone Setup' menu item. ──────

5 Press the (OK) key to select the sub-menu. The display will now show the 'Adjust Ring Volume' menu option. ──────

6 Press the (MENU) key five times to go to the 'Extended Menus' sub-menu item. ──────

7 Press the (OK) key to select this option. You will now be able to change the setting of this option.

When you get to the end of a menu it repeats. ──────

How to Enter a Number

When you need to enter a phone number, the digit keys can be used in the same way as a standard phone.

In addition to standard phone numbers, you can add the international dialling prefix + and three second pause characters ¤ .

International Phone Calls

To make an international phone call press and hold the **0 +** key. After a couple of seconds the international dialling prefix + will appear in the display, this allows you to call from any country without knowing the local international access code.

Now enter the country code, followed by the phone number. The country code follows the conventional format, 49 for Germany, 44 for the UK, 46 for Sweden, etc.

Just like a conventional international call, remove the leading '0' of the area code when you dial.

Inserting Pauses Into Phone Numbers

You can insert a three second 'pause' character into the phone number. When you press and hold the **◄ *** key for a couple of seconds, the pause symbol ¤ will appear in the display.

The pause character produces a three second delay whenever it is used. However, the first pause character in a phone number is a special case; it will not begin its delay until the call is answered.

MENU

Call Related Features
- Last Ten Calls
- Restrict My Phone Number
- Call Diverting
- Call Waiting
- *Call Barring*
- *Call Restrictions*

Messages
- Call Voicemail
- Received Messages
- Cell Broadcast
- Message Settings

Phone Setup
- Adjust Ring Volume
- Incoming Call Alert
- Phone Lock
- Require SIM Card PIN
- New Security Code
- Extended Menus
- *Language Selection*
- *Change Greeting*
- *Battery Saving Mode*
- *Select Keypad Tones*
- *Phone Status*
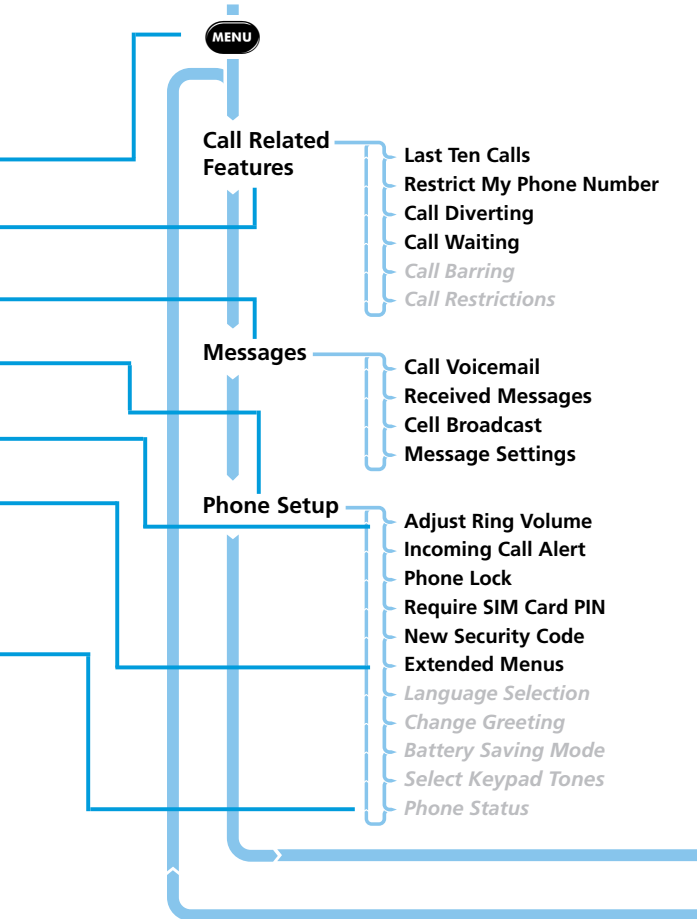
How to Enter a Name

The **0+**, **1**,... ...,**8ᴛᴜᴠ** and **9ᴡxʏz** keys are used to enter characters when you are asked to enter a name.

For example, if you press the **5ᴊᴋʟ** key, the first displayed character will be J. If this is not the required character, then you can press the same key again to show K. Another press will display L, another... ...will display 5. Your phone will continue to scroll through the characters available on the selected key with each new key press.

A long press of any of the keys will switch all the characters to lower case, a second long press will switch back to upper case.

To enter the next character press the appropriate key. If, however, the next character is on the same key as the previous character you will first need to press the **# ▸** key. Pressing the **# ▸** key a second time will produce a space.

If a mistake has been made, you can go back to the incorrect character by pressing **◂ ✳**.

Characters can be removed from the name by pressing the **C** key.

The character *before* the cursor (▓) is the character which will be deleted.

When the name is complete press the **OK** key.

Available Characters for Names
Press the appropriate keys to get the following characters:

1	Space . ? ! , & : " ( ) ' ¿ % £ $ 1
	Space . ? ! , & : " ( ) ' ¿ % £ $ 1
2ᴀʙᴄ	A B C Ä Å Æ Ç 2
	a b c ä å æ ç 2
3ᴅᴇꜰ	D E F Δ É Φ Γ 3
	d e f Δ é Φ Γ 3
4ɢʜɪ	G H I Γ ì 4
	g h i Γ ì 4
5ᴊᴋʟ	J K L Λ 5
	j k l Λ 5
6ᴍɴᴏ	M N O Ñ Ö Ø ò Ω 6
	m n o ñ ö ø ò Ω 6
7ᴘǫʀs	P Q R S Π β Σ 7
	p q r s Π β Σ 7
8ᴛᴜᴠ	T U V Θ Π ù 8
	t u v Θ ü ù 8
9ᴡxʏz	W X Y Z Ξ Ψ 9
	w x y z Ξ Ψ 9
0+	+ − × ✳ ∕ = > < # 0
	+ − × ✳ ∕ = > < # 0

The top line(s) for each key show the upper case characters, the lower line(s) show the lower case.

Using The Phone Book Menu

What is the Phone Book ?

You can store up to 255 names and telephone numbers as entries in an 'electronic' Phone Book. These entries are stored in both the phone's and SIM card's memory and can be used for fast dialling.

Your phone can store 100 entries and the SIM card can store up to 155 entries. The number of SIM card entries will vary depending upon the type of SIM card issued by your Cellular Service Provider.

Each Phone Book entry comprises:

• A telephone number. Up to 32 digits can be stored, but this is reduced to 20 digits for SIM card locations.

• A name. Up to 16 characters for phone locations and up to 50 characters for SIM card locations.

• A location label from 1 to 255.

To access the Phone Book menu press the 📖 key. Phone Book Options will appear, a second press of the 📖 key will display the Find Entry By Name menu item. Use the navigation keys ⬆MENU, OK and C to select the Phone Book option you wish to use.

☞ Holding the 📖 key down will automatically take you to the Add Entry menu item.

The Phone Book Menu Items

Find Entry
By Name — `Enter Name` —
- **Call Number**
- **Modify Name Or Number**
- **Erase Name And Number**

Find Entry
By Location — `Enter Location` —
- **Call Number**
- **Modify Name Or Number**
- **Erase Name And Number**

Show My
Phone Number — `XXXXXXXXXXXX`

Add Entry
- **Add To Phone Memory**
- **Add To SIM Card Memory**

Check Capacity
- **Check Phone Capacity**
- **Check SIM Capacity**

Prevent Access
- **To Phone Memory**
- **To SIM Card Memory**
- **To Phone & SIM Memory**
- **No Memory Restrictions**

Menu Navigation

MENU   OK
        C

Find Entry By Name

This option is used to select a telephone number from a list of alphabetically sorted Phone Book names.

Once selected, this option will display the message `Enter Name`. You can enter the first three characters of a name. You do not need to enter all three characters, but a longer entry will result in a more accurate search.

The Phone Book entries will be searched and the first matching entry will be displayed.

If you did not enter any name information, the first alphabetical entry will be displayed.

If there are no names stored, `No Names Stored` will be displayed.

To display adjacent Phone Book entries use the ◄* and #► keys. When the desired name is displayed press the **OK** key to select it. The phone will now enter the 'Call Number', 'Modify Name Or Number' or 'Erase Name And Number' options sub-menu.

OK *selects an option,* **C** *will reject or cancel*

Find Entry By Location

This option is used to select a telephone number from a list of numerically sorted Phone Book locations.

Once selected, this option will display the message `Enter Location`. You can now enter a location number. If the entered location is not valid, a timed message `Range 1-XXX` will be displayed and the phone will return to the `Enter Location` menu item.

The Phone Book entries will be searched and an entry will be displayed.

If you did not enter a location, the first numerical entry will be displayed.

If there are no names stored, `No Numbers Stored` will be displayed.

A Phone Book location can also be accessed directly by pressing the 📖 key followed by the location number.

To display adjacent Phone Book entries use the ◀ * and # ▶ keys. When the desired name is displayed press the ◀ OK ▶ key to select it. The phone will now enter the 'Call Number', 'Modify Name Or Number' or 'Erase Name And Number' options sub-menu.

Show My Phone Number

This option can be used to display the telephone number of your phone.

☞ *Some SIM cards do not allow this option to display the telephone number.*

Call Number, Modify Name Or Number or Erase Name And Number Options

Once a Phone Book entry has been selected, it can be used to make a call to, modify or erase an entry.

Calling Number

This option is used to call the selected Phone Book telephone number.

Simply press the ◀ OK ▶ key when the phone displays the message `Call Number`. The phone will place the call in the same manner as a normal dialled number.

Modify Name Or Number

This option is used to change the selected Phone Book entry.

The entry's current telephone number and name will be presented, in turn, for modification. You can accept the current settings or modify as required.

The option will display the timed message `Modified XXX` and then return to the `Find Entry` menu item.

Erase Name And Number

This option is used to erase the selected Phone Book entry.

Simply press the ◀ OK ▶ key when the phone displays the message `Erase Name And Number`. The option will display the timed message `Erased XXX` and then return to the `Find Entry` menu item.

Add Entry

This option is used to add entries to the Phone Book. You can choose to add the new entry to either the phone or SIM card memory locations.

Add To Phone Memory, Add To SIM Card Memory

Once you have selected the destination of the new entry, you will be asked to enter the telephone number, name and location number of the new entry.

The last telephone number dialled will be presented by default. It can be used or discarded as required.

If the entered location is not valid, a timed message `Range YYY-ZZZ` will be displayed and the phone will return to the `Enter Location` menu item. If the chosen location is currently used by another entry, you will be asked for confirmation that the location can be overwritten.

If you do not supply a location number, the next available location will be used.

When the new entry has been entered, a timed message `Stored At XXX` will be displayed and the phone will return to the `Add Entry` menu item.

Check Capacity

This option is used to check the number of free Phone Book entries in the phone or SIM card memory areas.

Check Phone Capacity, Check SIM Capacity

Once selected, a timed message `XX Unused Locations` displays the requested information. The phone will return to the `Check Capacity` menu item.

Prevent Access

This option enables you to prevent access to the Phone Book information.

To Phone Memory, To SIM Card Memory, To Phone & SIM Memory, No Memory Restrictions

The entries in the phone and SIM card can be restricted individually or together. To allow unrestricted access to all entries, this option can be disabled.

When you change the restrictions, you will be requested to enter the Security Code before the change is made.

Using The Options Menu

MENU

Call Related Features
- Last Ten Calls
- Restrict My Phone Number
- Call Diverting
- Call Waiting
- *Call Barring*
- *Call Restrictions*

Messages
- Call Voicemail
- Received Messages
- Cell Broadcast
- Message Settings

Phone Setup
- Adjust Ring Volume
- Incoming Call Alert
- Phone Lock
- Require SIM Card PIN
- New Security Code
- Extended Menus
- *Language Selection*
- *Change Greeting*
- *Battery Saving Mode*
- *Select Keypad Tones*
- *Phone Status*

Network Selection
- Available Networks
- *Network Search*
- Preferred Networks
- Find New Network

Call Meters
- Show Last Call
- Resettable Call Meters
- Set Audible Call Timers
- Show Meter During Calls
- *Set Meter Format*
- *Set Call Cost Rates*
- *Lifetime Meter*

Accessory Setup *
- Mute Car Radio
- Automatic Answer
- Automatic Handsfree
- Safety Timer
- Auxiliary Alert

MENU

Menu Navigation

MENU → OK →
↓ ← C

Items shown in *italics* are available only when **Extended Menus** are enabled.

* The **Accessory Setup** section is available only when a car kit is fitted.

Call Related Features Menu Items

Call Related
Features

- Last Ten Calls
  - Last Calls Made
  - Last Calls Received
- Restrict My Phone Number
  - Show ID On Next Call
  - Restrict ID On Next Call
- Call Diverting
  - See next page
- Call Waiting
  - On
  - Off
- *Call Barring*
  - *Bar Outgoing Calls*
    - *Int'l Calls*
    - *Int'l Calls Except Home*
    - *All Calls*
    - *Turn Off Call Barring*
  - *Bar Incoming Calls*
    - *When Roaming*
    - *Barring All Calls*
    - *Off*
  - *Change Bar Password*
- *Call Restrictions*
  - *Keypad Dialling*
    - *On*
    - *Off*
  - *Phone Number Length*
    - *On*
    - *Off*
  - *Restrict Incoming Calls*
    - *On*
    - *Off*

Menu Navigation

MENU → OK →
← C ←

Items shown in *italics* are available only when **Extended Menus** are enabled.

Last Ten Calls

These options can be used to call the most recently used phone numbers.

Once an option has been selected, use the ◁* and #▷ keys to scroll through the list of phone numbers. Press the OK key to call the displayed number.

Last Calls Made

This option can be used to re-dial the phone number of any one of the last ten calls made.

Last Calls Received

This option can be used to re-dial the phone number of any one of the last ten calls received.

☞*Only calls from phones that supply their own phone number will be stored in the calls received list.*

Restrict My Phone Number

'Restrict My Phone Number' is a network feature that allows you to make use of Calling Line Identification (CLI). You will need to subscribe to one of the three CLI restriction features with your Cellular Service Provider. CLI allows you to identify the name and phone number of a person making a call to you, and also to send your name and number to the other phone when you make a call.
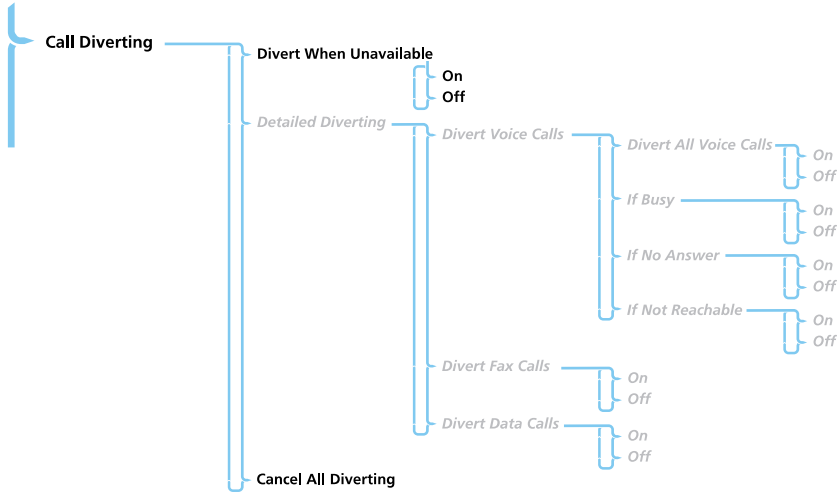
Show ID On Next Call

Your phone number is sent with the next attempted call; after this your phone number will not be sent until you re-select this option.

Restrict ID On Next Call

Your phone number will not be sent with the next attempted call; after this your phone number will be sent with calls until you re-select this option.

OK *selects an option,* C *will reject or cancel.*

Call Diverting

Call Diverting
- **Divert When Unavailable**
  - **On**
  - **Off**
- *Detailed Diverting*
  - *Divert Voice Calls*
    - *Divert All Voice Calls*
      - *On*
      - *Off*
    - *If Busy*
      - *On*
      - *Off*
    - *If No Answer*
      - *On*
      - *Off*
    - *If Not Reachable*
      - *On*
      - *Off*
  - *Divert Fax Calls*
    - *On*
    - *Off*
  - *Divert Data Calls*
    - *On*
    - *Off*
- **Cancel All Diverting**

Call diverting is a network feature. If your phone is unavailable, or you do not wish to receive calls, incoming calls can be diverted to other phone numbers.

This option can be used to:

- Divert *all* incoming call types to a *single* number, whenever your phone is unavailable, or,

- Divert calls to *different* numbers, depending upon the call type and the current status of your phone, or,

- Switch call diversion off.

Divert When Unavailable

This option will enable you to divert *all* incoming calls to a *single* number, whenever your phone is unavailable.

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

The option has two settings, On or Off.

If you change the setting to On, you will be asked to enter a diversion phone number by using the digit keys.

⚠️ *If you change this option to* On*, the detailed diversion settings for 'If Busy', 'If No Answer' and 'If Not Reachable' will be changed* automatically*.*

Detailed Diverting

These options will enable you to divert calls to *different* numbers, depending upon the call type and the current status of your phone.

Each of the following detailed diverting options operate in the same way.

After selecting an option, there will be a short delay while the phone asks the network for the current setting.

Each option has two settings, On or Off.

If you change the setting to On, you will be asked to enter a diversion phone number by using the digit keys.

⚠️ *If you change any of the settings for 'If Busy', 'If No Answer' and 'If Not Reachable', then the 'Divert When Unavailable' setting will be* automatically *changed to* Off*.*

Divert Voice Calls

Divert All Voice Calls
When selected, this option will *unconditionally* divert *all* incoming calls. You will have no opportunity to answer an incoming call.

If Busy
When selected, this option will divert incoming calls, if your phone is busy.

If No Answer
When selected, this option will divert incoming calls, if you do not answer the call.

If Not Reachable
When selected, this option will divert incoming calls, if your phone cannot be contacted by the network.

Divert Fax Calls, Divert Data Calls

When selected, these options will divert incoming 'Fax' and 'Data' calls.

Cancel All Diverting

This option will enable you to cancel the diversion of incoming calls.

After selecting this option, there will be a short delay while the phone asks the network to cancel all diversion settings.

OK *selects an option,* C *will reject or cancel.*

Call Barring

Call barring is a network feature which can be used to selectively bar outgoing and incoming calls.

If you change the barring setting, you may be asked to enter your barring password. There will be a short delay while the phone notifies the network of the new setting. When the change has been made by the network, the phone will display a confirmation message.

The *initial* password will be supplied to you by your Cellular Service Provider when you subscribe to this service.

Bar Outgoing Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

Barring Int'l Calls

When selected, this option will bar outgoing international calls.

Barring Int'l Calls Except to Home

When selected, this option will bar outgoing international calls, except those to your home country.

Barring All Calls

When selected, this option will bar *all* outgoing calls, except emergency calls.

Turn Off Call Barring

When selected, this option will disable all call barring for outgoing calls.

Bar Incoming Calls

After selecting this option, there will be a short delay while the phone asks the network for the current setting.

When Roaming

When selected, this option will bar incoming calls when you are roaming.

☞*Roaming, indicated by the* ▲ *symbol in the display, is when you are registered on a network other than your home network*.

You may wish to select this option, as some Cellular Service Providers charge an additional fee for receiving calls when you are roaming.

All Calls

When selected, this option will bar *all* incoming calls.

Off

When selected, this option will disable all call barring for incoming calls.

Change Bar. Password

This option can be used to change the call barring password.

After selecting this option, you will be asked to enter the current password.

You will then be asked to enter, and then re-enter, your new, **4 digit**, barring password. When the change has been made by the network, the phone will display a confirmation message.

Call Restrictions

These options can be used to limit outgoing and incoming calls. They are phone based options, you do not need to subscribe to call barring to use them.

Keypad Dialling

This option can be used to restrict your phone to dialling numbers stored in your phone and SIM card memory. You will not be able to use the digit keys to make a call.

The option has two settings, On or Off.

Phone Number Length

This option can be used to limit the number of digits allowed in a phone number. By setting this limit, you may be able to restrict access to international or long distance calls.

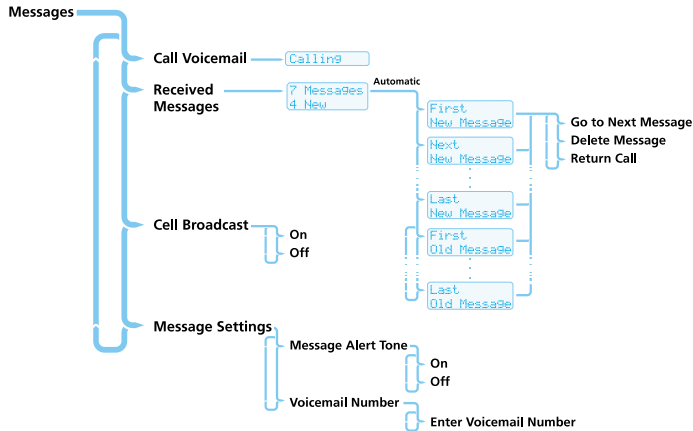The option has two settings, On or Off.

If you change the setting to On, you will be asked to enter the maximum phone number length by using the digit keys.

Restrict Incoming Calls

This option can be used to stop your phone from receiving incoming calls. It is a phone based option, you do not need to subscribe to call barring to use this option.

The option has two settings, On or Off.

OK *selects an option,* C *will reject or cancel.*

Messages Menu Items

Messages
- Call Voicemail — `Calling`
- Received Messages — `7 Messages 4 New` — Automatic
  - `First New Message` — Go to Next Message / Delete Message / Return Call
  - `Next New Message`
  - `Last New Message`
  - `First Old Message`
  - `Last Old Message`
- Cell Broadcast — On / Off
- Message Settings
  - Message Alert Tone — On / Off
  - Voicemail Number — Enter Voicemail Number

What are Short Message Services?

The Short Message Service, or SMS, is a GSM network feature that allows you to receive two types of text messages:

Point to Point Messages

These are text messages that are sent specifically to your phone number.

Cell Broadcast Messages

These are general messages, broadcast to a group of phones and can only be received when your phone is in standby mode.

These messages are broadcast in numbered 'channels' and, in general, each channel will tend to carry one particular type of information.

Call Voicemail

Once selected, this option will leave the Messages menu and automatically make a phone call to the current voicemail number. The display will show `Calling` and standard call operations can be performed.

The voicemail phone number can be entered by selecting the 'Voicemail Number' option in the 'Message Settings' sub-menu.

Received Messages

This option is used to view and manage any Point to Point messages that have been sent to your phone.

When a Point to Point message is received, your phone will attempt to store it in your SIM card. If there is not enough space, the ✉ icon will flash. One or more messages must be removed before the message can be stored.

Your Cellular Service Provider will transmit a message for a limited amount of time. If a memory location is not made available before the message is removed from the network, then you will not be able to receive or read it.

When selected, this option will display a message indicating the total number of messages and how many of these are new, if any. `No Messages` will be displayed if there are none and the phone will return to the 'Received Messages' menu item.

If there are messages, the new messages will be displayed first, followed by the old. Repeated presses of the MENU key will display the whole message, when it was sent and the phone number who sent it (if available).

Once you have read a new message it will automatically become old.

Press the ⬤OK⬤ key, when viewing any message, to enter the 'Go to Next Message', 'Delete Message' and 'Return Call' sub-menu.

Go to Next Message

This option will display the next stored message.

If you are currently viewing the last old message, your phone will either display the first new message (if there is one) or the first old message.

Delete Message

This option will delete the currently viewed message

Return Call

This option can be used to call the person who sent you the message, if their number has been included by the network, or a number that has been included in quotes "" in the message.

Cell Broadcast

This option is used to set the cell broadcast settings.

The option has two settings On or Off.

If you change the setting to On, you will be asked to enter the channel you wish to receive information from.

Please contact your Cellular Service Provider for a list of available channels and the information they provide.

Message Settings

Message Alert Tone

Your phone can notify you with an audible tone when a message is received. This option is used to switch the alert tones On or Off.
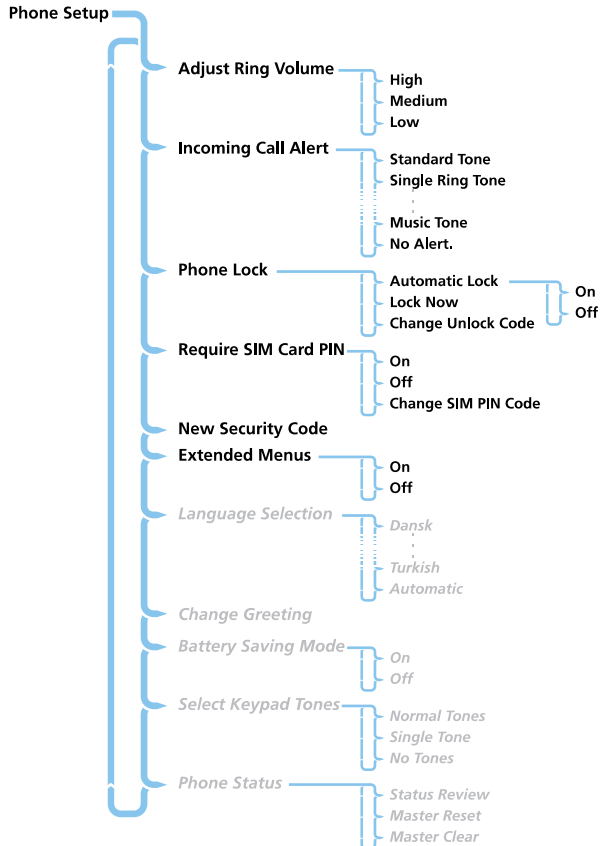
Voicemail Number

This option is used to enter a phone number which will be used by the 'Call Voicemail' option.

If there is already a Voicemail Number, this will be shown in the display. This can be used, modified or deleted as desired.

Phone Setup Menu Items

Phone Setup

- **Adjust Ring Volume**
  - High
  - Medium
  - Low
- **Incoming Call Alert**
  - Standard Tone
  - Single Ring Tone
  - Music Tone
  - No Alert.
- **Phone Lock**
  - Automatic Lock
    - On
    - Off
  - Lock Now
  - Change Unlock Code
- **Require SIM Card PIN**
  - On
  - Off
  - Change SIM PIN Code
- **New Security Code**
- **Extended Menus**
  - On
  - Off
- *Language Selection*
  - *Dansk*
  - *Turkish*
  - *Automatic*
- *Change Greeting*
- *Battery Saving Mode*
  - *On*
  - *Off*
- *Select Keypad Tones*
  - *Normal Tones*
  - *Single Tone*
  - *No Tones*
- *Phone Status*
  - *Status Review*
  - *Master Reset*
  - *Master Clear*

Adjust Ring Volume

This option is used to set the incoming call ring tone volume.

The option has three settings, `high`, `medium` or `low`.

Incoming Call Alert

This option sets the way your phone alerts you to an incoming call.

Standard Tone

Your phone makes a standard ringing tone.

Single Ring Tone,... ..., Music Tone

When selected, your phone will produce one of these alternative alert tones.

No Alert

Your phone will alert you to an incoming call by displaying a message.

Menu Navigation

MENU → OK ▶
MENU ◀ C

Items shown in *italics* are available only when **Extended Menus** are enabled.

Phone Lock

This option is used to set, and change, the unlock code.

The unlock code can be set to protect your phone from unauthorised use. It can be set to automatically lock your phone each time it is switched on.

The unlock code is a four digit number which is set at manufacture to **1234**. This can be changed at any time by using the 'change unlock code' option.

Automatic Lock

This option can be used to automatically lock your phone each time it is switched on.

The option has two settings, On or Off.

Lock Now

This option can be used to immediately lock your phone. Once selected, your phone will be unusable until the unlock code is entered.

Change Unlock Code

This option is used to change the unlock code.

After selecting this option, you will be asked to enter the current security code before you can proceed.

You can now enter a four digit code to replace the old code.

Require SIM Card PIN

This option is used to set, and change, the PIN code.

The PIN code can be set to protect your SIM card from unauthorised use. If set to On, access to your SIM card will be restricted each time it is inserted or the phone is turned on.

The option has two settings, On or Off.

☞*If the SIM card does not support PIN code disabling, these items will not appear.*

Change SIM PIN Code

This option is used to change the SIM card PIN code.

The 'Require SIM Card PIN' option must be set to On and you must enter the old PIN code before you can proceed.

You will be asked to enter a new, four to eight digit code to replace the old PIN code. The new PIN code must be entered again as confirmation.

⚠ *If the PIN number is entered incorrectly three times in a row, your phone will automatically lock-up and the* Blocked *message will be displayed.*

See **Security Options** *in the* **Using Your Phone** *section for details on unblocking your phone.*

New Security Code

The security code is used to control access to security and other options within the menus.

This option is used to change the security code, which is set at manufacture to **000000**.

Once selected, you will be asked to enter the current security code before you can proceed.

You will then be asked to enter a new, six digit code to replace the old security code.

☞ *In order to safeguard your phone, you should change your security code from the factory setting as soon as possible.*

Extended Menus

This option is used to switch the extended menus on or off.

If the extended menu option is switched off, you will not be able to access any of the extended features.

The option has two settings, On or Off.

Extending and Shortening the Options Menu

The menu diagrams in this guide show the default settings of the short/extended menus. You can personalise these settings, so that the short menus include as much (or as little) of the menu tree as you need.

When you are in the options menu, a long press of the OK key will access a menu configuration sub-menu.

Once selected, the sub-menu will offer you the following options:

- Add the current option to the short menu.
- Remove the current option from the short menu.
- Leave the current option in the short menu.

Once selected, the extended menu settings will be changed accordingly and your phone will return to the options menu.

☞ *The settings for some menu items* cannot *be changed. Any attempt to change the setting of one of these options will be rejected by your phone.*

Language Selection

This option is used to change the language for display messages.

The option has multiple settings.

When you select a language, all further display prompts and help messages will be in the selected language.

Change Greeting

This option is used to change the message displayed when you switch on your phone.

Once selected, you will be able to enter a new greeting, of up to 24 characters. The characters are entered in the same way as names, see *How to Enter a Name* in the *Menu Navigation, Names and Number* section for more information.

The new greeting will be displayed when your phone is next switched on.

Battery Saving Mode

This option can help you to conserve battery power. Also known as DTX (Discontinuous Transmission), this feature will cause your phone to operate at reduced power when you are not talking.

The option has two settings, `On` or `Off`.

Select Keypad Tones

This option allows you to change or disable tones you hear when you press a key.

The option has three settings, `Normal Tones`, `Single Tone` or `No Tones`.

Phone Status

Status Review

This option can be used to view the current setting of menu options.

When selected, your phone will display a list of menu items which have been changed from the default setting. Press the MENU key to view the next item.

Master Reset

This option should be used with caution.

This option is used to restore certain phone options to their original settings.

When selected, you will be asked to enter the security code. Once entered, the master reset option will perform the following operations:

- Cancel Automatic Answer, Audible Call Timers, Call Meter During Calls, Battery Save (DTX), Auxiliary Alert, Automatic Handsfree, Automatic Lock, Call Restrictions and Cell Broadcast.
- Return Language Selection to Original (resets the display language to English).
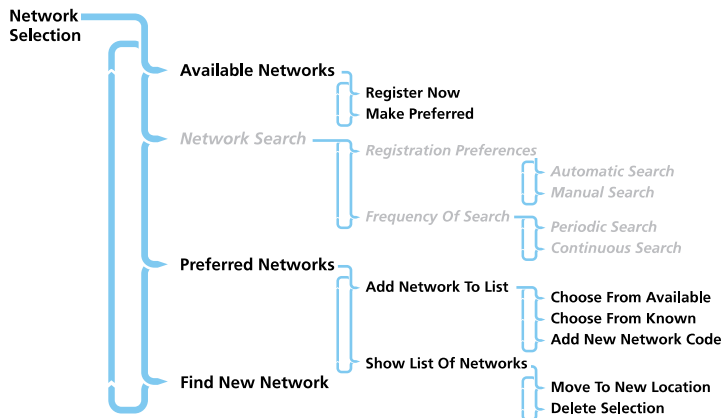- Restore Keypad Tones, Ringer Tones and Volume Level to Medium.

Master Clear

This option should be used with extreme caution.

This option is used to restore certain phone options to their original settings.

When selected, you will be asked to enter the security code. Once entered, the master clear option will perform the same operations as 'Master Reset', plus the following operations:

- Clear the Phone Book Entries in the Phone, Last Number Called, Voicemail Number, Home Call Cost Rates and Roam Call Cost Rates.
- Reset the Resettable Call Timers and Meters.

Network Selection Menu Items

Network Selection
- Available Networks
  - Register Now
  - Make Preferred
- *Network Search*
  - *Registration Preferences*
    - *Automatic Search*
    - *Manual Search*
  - *Frequency Of Search*
    - *Periodic Search*
    - *Continuous Search*
- Preferred Networks
  - Add Network To List
    - Choose From Available
    - Choose From Known
    - Add New Network Code
  - Show List Of Networks
    - Move To New Location
    - Delete Selection
- Find New Network

Network Selection

These options are used to select and register with networks, and to maintain a list of preferred networks within your SIM card.

When you insert, or move, a network into the preferred list, you will be offered the first available location, if one is available. You can accept or modify the location number as desired.

If you select a currently used location, the former occupant and all lower priority locations are moved along by one. If there was an entry in the last location, it will be discarded.

Available Networks

When selected, this option will scan to see which networks are operating in your current location. When the scan is complete, press the 〔MENU〕 key to scroll through the list. When you see a network you wish to register with or store in your preferred list, press the 〔OK〕 key. You will now enter the 'Register Now' and 'Make Preferred' sub-menu.

Register Now

Once selected, your phone will try to register with the selected network. If the registration fails, your phone will try to register in the normal way.

Make Preferred

Once selected, you will be asked where the selected network is to be located in the preferred list.

Network Search

These options determine how often your phone tries to register with a network and how the attempt is made.

Registration Preferences

This option determines how the phone tries to register with a network.

The option has two settings, `Automatic Search` or `Manual Search`.

The operation of each of these settings is covered in the *Network Selection* part of the *Using Your Phone* section.

Frequency Of Search

This option is used to determine how long your phone waits before attempting to re-register after a registration attempt has failed.

The option has two settings, `Periodic` Search or `Continuous` Search.

When set to periodic, your phone will wait a set time before attempting to register.

The continuous setting will cause your phone to try again immediately.

⚠ *The continuous setting will cause heavy battery usage and should be avoided if possible.*

Preferred Networks

Add Network To List

This option enables you to add networks to your preferred list.

When selected, the 'Choose From Available' option will scan to see which networks are operating in your current location. When the scan is complete, press the 🔘MENU key to scroll through the list. When you see a network you wish to store in your preferred list, press the ⬤OK key. You will be asked where the selected network is to be located in the preferred list.

The 'Choose From Known' option will, when selected, present you with a preset list of networks. Press the 🔘MENU key to scroll through the list. When you see a network you wish to store in your preferred list, press the ⬤OK key. You will be asked where the selected network is to be located in the preferred list.

Select the 'Add New Network Code' option to enter network codes directly. Once entered, you will be asked where the network is to be located in the preferred list.

Show List Of Networks

This option is used to display the networks you have stored in your preferred list. In addition, pressing the ⬤OK key will select the currently displayed entry and enter a move/delete sub-menu.

When 'Move to New Location' is selected you will be asked to enter a new location for the selected network.

When selected, 'Delete Selection' will remove the selected network from the preferred list.

Find New Network

When selected, this option will try to register with a network in the normal manner, with one exception. When the registration attempt is made, your current network will be excluded from the list of those available. If the attempt fails, your phone will then try to re-register with the previous network.

Call Meters Menu Items
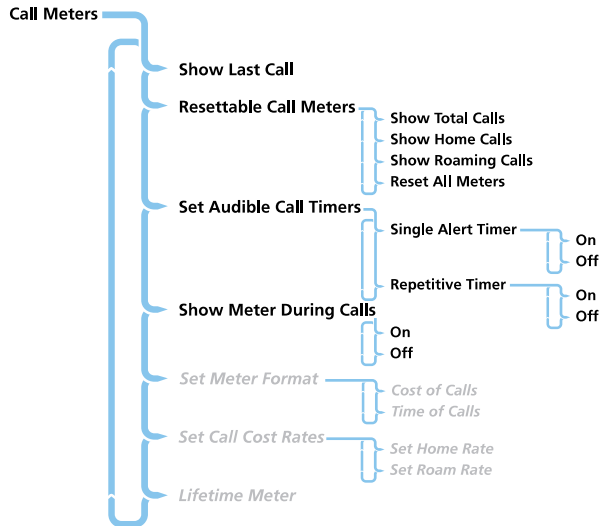
Call Meters

- Show Last Call
- Resettable Call Meters
  - Show Total Calls
  - Show Home Calls
  - Show Roaming Calls
  - Reset All Meters
- Set Audible Call Timers
  - Single Alert Timer
    - On
    - Off
  - Repetitive Timer
    - On
    - Off
- Show Meter During Calls
  - On
  - Off
- *Set Meter Format*
  - *Cost of Calls*
  - *Time of Calls*
- *Set Call Cost Rates*
  - *Set Home Rate*
  - *Set Roam Rate*
- *Lifetime Meter*

Menu Navigation

MENU → OK →
C ←

Items shown in *italics* are available only when **Extended Menus** are enabled.

Show Last Call

This option is used to display how long, or how much, the last call was.

Once selected, the display will show `Time` or `Cost` and the appropriate value.

The 'Set Meter Format' option is used to determine which call value is shown. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

Resettable Call Meters

The resettable call meters options are used to provide information on the combined length, or approximate cost, of calls made since the last meter reset. These meters can not be reset individually, all three will be reset by the 'Reset All Meters' option.

Show Total Calls

This option is used to display the total call time, or cost, since the last meter reset. The total is a combination of home calls and calls made while roaming.

Once selected, the display will show `Time` or `Cost` and the appropriate value.

The 'Set Meter Format' option is used to determine which call value is shown. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

MENU

Show Home Calls

This option is used to display the total call time, or cost, on your home network, since the last meter reset.

Once selected, the display will show `Time` or `Cost` and the appropriate value.

The 'Set Meter Format' option is used to determine which call value is shown. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

Show Roaming Calls

This option is used to display the total call time, or cost, on other networks, since the last meter reset.

Once selected, the display will show `Time` or `Cost` and the appropriate value.

The 'Set Meter Format' option is used to determine which call value is shown. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

Reset All Meters

This option is used to reset the resettable call meters.

Set Audible Call Timers

Your phone provides two programmable audible call timers:

• The 'Single Alert Timer' will sound a beep just once during a call, after a preset time has elapsed.

• The 'Repetitive Timer' will sound regular beeps during a call, at preset intervals.

In both cases, the timers will sound their beeps ten seconds before the end of the programmed time.

Single Alert Timer

This option will sound a beep just once during a call, after a preset time has elapsed.

The option has two settings, `On` or `Off`.

If you change the setting to `On`, you will be asked to enter a new preset time by using the digit keys. The preset time should be between 011 and 999 seconds.

Repetitive Timer

This option will sound regular beeps during a call, at preset intervals.

The option has two settings, `On` or `Off`.

If you change the setting to `On`, you will be asked to enter a new preset interval by using the digit keys. The preset interval should be between 011 and 999 seconds.

MENU

Show Meter During Calls

This option allows you to display the current call meter, during a call.

The option has two settings, `On` or `Off`.

The 'Set Meter Format' option is used to determine which call value is shown. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

Set Meter Format

This option allows you to select the way call meters are displayed.

The option has two settings, `Cost of Calls` or `Time of Calls`.

If you change the setting to `Cost of Calls`, all further meter displays will show call costs. The rates in the 'Set Call Cost Rates' options must be set if you wish to display the cost of a call.

If you change the setting to `Time of Calls`, all further meter displays will show call times.

Set Call Cost Rates

The rates used by your phone's call meters are programmed using this option. The rates that you enter can either be currency per minute or charge units per minute. The call cost rates for home and roaming calls should be obtained from your Cellular Service Provider.

Set Home Rate

This option is used to enter the cost of a call, per minute, on your home network.

Once selected, you will be asked to enter the rate. You should enter either the currency cost per minute or charge units per minute.

When the rate has been entered, your phone will display a confirmation message.

Set Roam Rate

This option is used to enter the cost of a call, per minute, when roaming.

Once selected, you will be asked to enter the rate. You should enter either the currency cost per minute or charge units per minute.

Lifetime Meter

This option is used to display the total time, or cost, of *all* calls made on your phone.

This meter *can not* be reset. The 'Reset All Meters', 'Master Reset' or 'Master Clear' options have no effect.

Accessory Setup Menu Items

Accessory Setup

Mute Car Radio
- On
- Off

Automatic Answer
- On
- Off

Automatic Handsfree
- On
- Off

Safety Timer
- On
- Off

Auxiliary Alert
- On
- Off

Menu Navigation

MENU → OK →
← C

Items shown in *italics* are available only when **Extended Menus** are enabled.
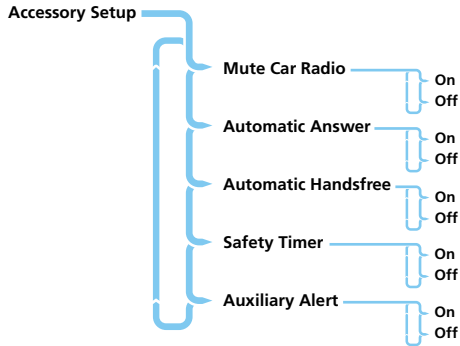
Accessory Setup

You will only be able to access this section when your phone is mounted in a car kit.

Car kits can provide charging facilities and some provide connection to an external antenna for better reception. Your phone can also be linked to external microphones and speakers for hands free operation.

Your phone provides several options to complement the use of car kits.

Mute Car Radio

This option can be used to mute your car radio when you make, or receive, a call when your phone is attached to the car kit.

This option has two settings, On or Off.

☞*This option will have no effect if your car radio does not have a mute feature, or if the car kit installation does not support this option.*

This option and the 'Auxiliary Alert' option are mutually exclusive. Only one of the two can be on at any time.

OK *selects an option,* C *will reject or cancel.*

Automatic Answer

This option allows your phone to automatically answer an incoming call after two rings.

This option has two settings, On or Off.

☞ *If this option is On, we recommend that the 'Incoming Call Alert' option be set to one of the audible tones.*

If you are using the Coupled Micro Car Kit, ensure that your phone is resting in the cradle.

If you are using the Basic Car Kit, set the 'Automatic Handsfree' to On, before using this option.

This option will not work in conjunction with the Simple Micro Car Kit.

Automatic Handsfree

This option is used in conjunction with the 'Automatic Answer' option and the Basic Car Kit, to transfer call conversation to external microphones and speakers.

This option has two settings, On or Off.

Safety Timer

This option can be used to keep the phone on for a set period after the vehicle ignition has been turned off. This prevents the vehicle's battery from becoming drained and saves you from having to re-enter PIN and Unlock codes after every short stop.

As standard the 'Safety Timer' is set to 60 minutes. Once selected, this option can be adjusted to any value between zero and 999 minutes. When set to zero, this option is effectively switched off.

Auxiliary Alert

This option allows your phone to alert you of an incoming call by flashing your vehicle lights, or by sounding the horn.

The phone must be used in conjunction with a car kit also having this option.

☞ *Some local regulations prevent the use of this option and, accordingly, this option may not be present on your phone.*

This option and the 'Mute Car Radio' option are mutually exclusive. Only one of the two can be on at any time.

Notes

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