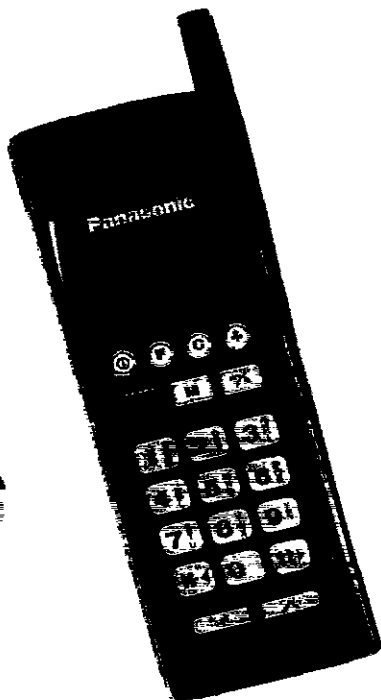


Panasonic

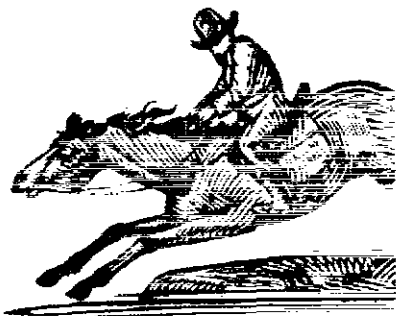
Operating Instructions

**EB-G300S
Digital Cellular
Telephone**



GSM

GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS



Before operating this product, please read these instructions carefully.

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1 BEFORE USING YOUR TELEPHONE

- Before the telephone can be used the SIM must be inserted (section 8) and a charged Battery Pack fitted (section 7.2).
- This apparatus is type approved for connection to the Global System for Mobile Communication (GSM). Please note the following precautions before using your telephone:

General precautions

- Pressing any of the keys may produce a loud tone. Avoid holding the telephone close to your ear whilst pressing the keys.
- Switch off your cellular telephone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to suspension or denial of cellular telephone services to the offender, or legal action or both.
- Users are advised not to use the equipment when at a refuelling point.
- Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.
- Care must be taken when using the telephone in close proximity to personal medical electronic devices, such as pacemakers and hearing aids.
- This apparatus is intended for use when supplied with power from the Dual Rapid Charger (EB-CR300) and AC Adaptor (EB-CA300AU / EB-CA300EU / EB-CA300HK / EB-CA300SA / EB-CA300UK). Other usage will invalidate any approval given to this apparatus and may be dangerous.
- When connecting the AC Adaptor (EB-CA300AU / EB-CA300EU / EB-CA300HK / EB-CA300SA / EB-CA300UK) to the mains supply, the socket-outlet shall be installed near the equipment and easily accessible.
- Always use Panasonic approved accessories (cables etc.) in order to maintain full performance and avoid damage. The use of any equipment other than that specified may damage your telephone or result in inferior performance.



For U.K. only

For your safety please read the following text carefully:

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 3 amp fuse is fitted in this plug.

Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 3 amp and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt please consult a qualified electrician.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code.

Blue:	Neutral
Brown:	Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal in the plug which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal in the plug which is marked with the letter L or coloured red.

Do not make any connection to the Earth terminal.

How to replace the fuse:

Open the fuse compartment with a screwdriver and replace the fuse and fuse cover.

Use of telephones in a vehicle

- You **MUST** exercise proper control of your vehicle at all times. Do not use a handheld telephone or microphone while you are driving. Find a safe place to stop first. Do not speak into a handsfree Microphone if it will take your mind off the road. You **MUST NOT** stop on the hard shoulder of the motorway to answer or make a call, except in an emergency.
- Acquaint yourself thoroughly with restrictions concerning the use of telephones within the country where you are driving and observe them at all times.
- Do not install or connect your telephone into a positive (+) grounded vehicle.
- Always disconnect the telephone before attempting to jump start your vehicle.

Battery and charger precautions

- Charge the Battery Pack before operation.
- Do not attempt to disassemble the charging apparatus. There are no user serviceable parts inside. Remove from the mains supply when not in use.
- The batteries may become warm during use. This is normal. Always charge the batteries in a well ventilated area, between +5°C and +35°C.
- If the Dual Rapid Charger becomes damaged in any way, do not use it. Take it to a qualified service centre for repair.
- Batteries which are not used for a long time should be fully recharged at least once every 2 months.
- The Lithium Ion Battery Pack supplied with this telephone should be disposed of in accordance with local legislation. They must not be incinerated, or disposed of as ordinary rubbish.
- Do not store, or carry, batteries with any metallic items that may accidentally short across the positive and negative terminals.

1.1 Optimum Service Information


DON'T use this equipment in environments of extremely high temperature or humidity.	Use the equipment within the temperature range of -10°C to +55°C.
DON'T attempt to disassemble this equipment. There are no user-serviceable parts inside.	Refer servicing to qualified service and repair personnel.
DON'T strike, shake or subject the equipment to excessive vibration.	Handle the equipment with care.
DON'T expose the equipment to rain and avoid contact with any liquids.	Take immediate action if the equipment becomes wet. Turn the power off.

- The display on your telephone may at times change slightly in colour, or take somewhat longer than usual to display characters in extreme temperatures. This is normal and does not indicate a defect in the telephone.
- The telephone may be cleaned with a soft cloth dampened with a mild detergent and water. Avoid the use of petroleum based cleaners such as benzine or thinner, which may damage the telephone.
- During extended operation, the telephone will feel warm. This is normal and does not indicate a fault.

2 INTRODUCTION

The Panasonic G300 is a digital cellular telephone designed to operate on the Global System for Mobile Communications (GSM).

These operating instructions will detail the operation and advanced features of your telephone. They will also explain the use of the accessories provided with the telephone and available options.

Some functions of the telephone are network dependent, or may only be available on a subscription basis from your service provider. These functions are marked with a  symbol.

2.1 The GSM System



The GSM system comprises of many networks spanning across the world. Each country participating in GSM has at least one network. Where agreements exist between network operators, it may be possible to roam from network to network and country to country. Contact your service provider for more information on the latest GSM coverage and roaming agreements.

2.2 Subscriber Identification Module (SIM)



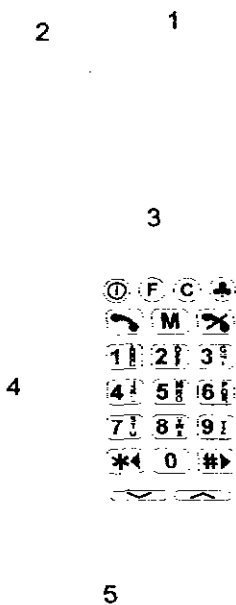
In order to use your telephone on the GSM system you will require a valid Subscriber Identification Module (SIM) registered with a GSM mobile network. This network is referred to as your HOME network.










Your SIM contains all the information necessary to operate the telephone. This includes network information and other unique subscriber data. It also holds user entered information such as stored telephone numbers.

The SIM fits into a small slot in the back of the telephone, protected by the Battery Pack.

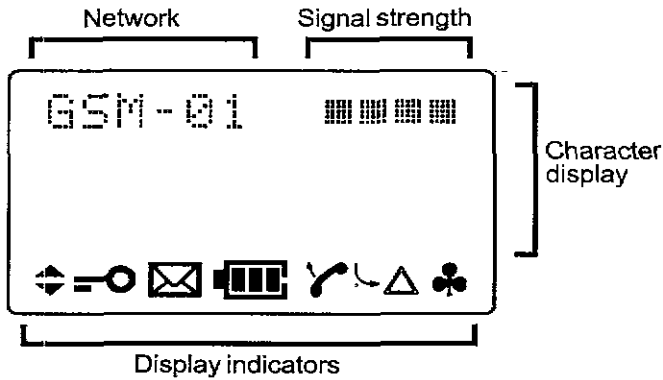
3 YOUR TELEPHONE









3.1 Location of Controls



1. Antenna (for best reception extend fully)
2. Earpiece
3. Display
4.  Power key. Switches power on and off.
 Memory key. Phone book recall and store.
 Function key. Accesses function menu.
 Clover key. Enter data, confirm an action and access messages.
 Dial key. Make a call.
 Clear key. Clears last digit entered or all digits when pressed and held down, also exits a function.
 End key. Ends a call.
 and  Scroll keys. Increments or decrements a value, scroll through menu functions.
5. Digit keys 0 to 9, * and #.
5. Microphone

3.2 Display Information



-  Indicates that scroll keys may be used.
-  Indicates that the telephone is locked.
-  Indicates the reception of Short Message Service (SMS).
-  Displays the battery voltage level:
Battery is at full charge when all of the indicator is lit.
Battery requires recharging when only the battery outline is displayed.
During car mount use, the battery indicator will not light.
-  Indicates that a call is in progress.
-  Indicates that the supplementary service call divert is active.
-  Indicates that you are registered on a non-home network.
-  Indicates that the clover key may be used.

Following some operations the display will automatically clear after three seconds.

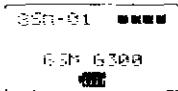
4 TELEPHONE OPERATION

4.1 Power On



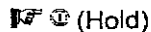
A wake up tone will be heard and a greeting message displayed, if a message has been programmed (section 5.8.5).

If the PIN is enabled and/or the lock function is set an appropriate message will be displayed asking for the PIN or lock number to be entered.



The display will indicate that the telephone is searching for a network. When a network has been found the telephone will attempt to register. When registration has been completed the country, abbreviated network name and signal strength meter will be displayed on line 1 and, if it is available, the full network name on line 3. When the telephone has completed registration with the network the signal strength will be displayed. The telephone is now in standby and ready to make or receive calls. For best reception fully extend the antenna.


4.2 Power Off




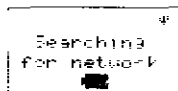
To switch the power off.

4.3 Emergency Calls

Calls to the emergency services (Police, Fire and Ambulance) can be made by dialling the emergency telephone number 112. This special GSM emergency telephone number is recognised by all GSM networks.




In some areas you may be able to make an emergency call even though a normal call would not be possible. For example there is no SIM present, the PIN has not been entered, the SIM or PIN is blocked or the telephone is not registered to a network. To make an emergency call under these circumstances ensure that the antenna symbol () is present in the top right corner of the display. The presence of the antenna symbol does not guarantee an emergency call can be made.

To make an emergency call dial 112 and press .

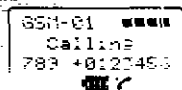


4.4 Making a Call


Before making a call ensure that the telephone is registered to a network and the signal strength meter is displayed. For best reception fully extend the antenna.

1.  the required telephone number (up to 36 digits)
In the case of an error pressing  will clear the last digit.
To clear all digits and return to standby press  and hold.

2.  
To make the call.

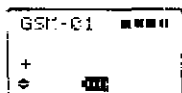


The display may scroll the number as it is dialling.



When the call is connected the  indicator will light and the call timer will start. If the telephone is programmed for call cost metering (section 5.8.3) the cost of the call will be displayed on the line before the call timer.

4.4.1 International dialling

Many countries use different codes to access the international exchange. By using the Automatic International Access Code "+" you will be able to dial international numbers without having to know the code for the international exchange.



Before entering the telephone number press  for half a second and Automatic International Access Code will be displayed.

The Automatic International Access Code must be followed by the country code and the telephone number. If you do not know the country code pressing the  or  keys after the "+" character will display the abbreviated international name. When you have reached the required country pressing any of the numeric keys will give the country code, followed by the key number you have pressed.

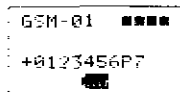
The Automatic International Access Code can be used when dialling all numbers including national calls. Dialling national numbers using the Automatic International Access Code will have no effect on call charges. It is recommended that all telephone numbers stored in the phone book use the Automatic International Access Code, this will aid dialling from home and abroad.

NOTE: Many countries include an initial '0' in the area code. This should, in most cases, be left out when dialling international numbers.

If you should have difficulties making international calls, contact your service provider.

4.4.2 Pause dial

Pause dialling uses the DTMF tones generated by the telephone to access external telephone services, such as voice mail, paging and computerised home banking.

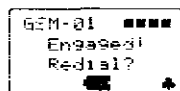


Enter the telephone number up to the pause, then press for half a second and the pause character "P" will be displayed. Continue to enter numbers after the pause. More than one pause can be used, but the total telephone number must not exceed 36 digits including pauses. Each pause will last for approximately three seconds.

To send the number press .

Pause dialling can be used in the phone book.

4.4.3 Automatic redial



When a call is unsuccessful because the other party is engaged, the telephone will ask if you wish to automatically redial the number. To begin automatic redial press or .

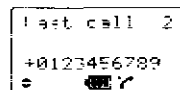
The telephone will begin automatic redial after five seconds. If this attempt is unsuccessful three more attempts will be made at one minute intervals. The time remaining before the next redial attempt is displayed. A warning tone will sound before each redial attempt.

To cancel automatic redial press or .

4.4.4 Last number redial

The telephone will automatically store the last five numbers that were dialled, even if the call was not connected. The number will include the Automatic International Access Code and pauses.

To recall the last dialled number press followed by or to scroll through the other four most recently dialled numbers. To redial the displayed number press .



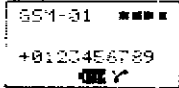
Up to five telephone numbers are stored using last number redial. When more than five numbers are stored the oldest information is overwritten.

To clear the display and return to standby press and hold.

NOTE: Last number redial and unanswered calls (section 4.6.2) are both accessed in the same way. To swap between the two press .

4.4.5 Scratch pad

During conversation you may be given another telephone number that you would like to dial at a later date. This telephone number can be stored in scratch pad and will be retained during conversation, ready for use when the call has ended. Scratch pad can store the Automatic International Access Code and pause dial.



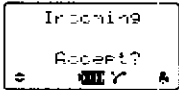
To store a telephone number in scratch pad enter the numbers during conversation.

To dial a scratch pad number press **S**.



To clear scratch pad without using it press **C** and hold.

4.4.6 Call waiting/hold

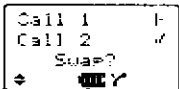
Call waiting/hold may be available on a subscription basis from your service provider. Using this service it is possible to contact, or be contacted by another person during your current call.





When a third party calls you during a conversation an audible warning and a message will be displayed, asking you if you wish to accept the incoming call. To accept the incoming call and put the current call on hold press **C**.

To reject the incoming call press  or  until you are asked if you want to reject the call and press **C**. You will be returned to your current call.

You can dial another party during your current call. Enter the telephone number that you wish to dial and press **S**. The current call will go on hold while the telephone number is dialled.



The display will show the status of each call when two calls are in progress. The first call is "CALL 1" and the current call has a tick to the far right of the display. You can swap between the two calls or end either call. Use  or  to display the options. Press **C** to select the displayed option.

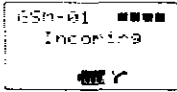
4.5 Ending a Call



To end the call.

4.6 Receiving a Call

For best reception fully extend the antenna.

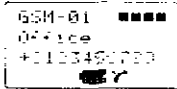


When an incoming call is received a ringing tone will be heard and the display will flash "Incoming".

To answer the call press any key except or .

To reject the incoming call press .

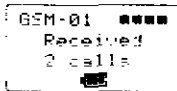
4.6.1 Calling line identification



When the telephone receives an incoming call the telephone number or name tag of that caller may be displayed. The telephone will search through the phone book for the same telephone number and, if available display the relevant name tag. If you have more than one name tag for that telephone number the first name tag found will be displayed. The call can be rejected, based on the knowledge of the incoming caller.

To reject an incoming call press .

4.6.2 Unanswered calls



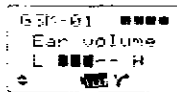
When an incoming call is unanswered the telephone will automatically store the calling line identification information, if available, and display a message that an unanswered call has been received. To review unanswered call information press followed by . When more than one call has been unanswered press or to scroll through the additional callers information. To return an unanswered call select the information and press .

Calling line identification information for up to five unanswered calls is stored. When more than five callers details are stored the oldest information is overwritten.

To clear the display and return to standby press .

NOTE: Unanswered calls and last number redial (section 4.4.4) are both accessed in the same way. To swap between the two press .

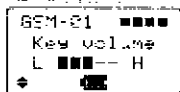
4.7 Earpiece Volume





Five levels of earpiece volume are available. Earpiece volume must be adjusted during conversation. Press to increase the volume and to decrease. The volume setting is retained after the power is switched off.



The earpiece volume cannot be adjusted if call waiting/hold is in progress.

4.8 Keytone Volume

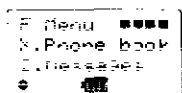


Five levels of keytone volume are available. Keytone volume must be adjusted with the telephone in standby. Press  to increase the volume and  to decrease. To switch the keytone volume off, decrease the volume setting below level one. The volume setting is retained after the power is switched off.

5 FUNCTION MENU

This section will explain the functions that are available on your telephone. They are accessed using the function menu. To display the function menu press **F**. Pressing  or  will scroll through the available options.

Selecting an option is done by pressing the associated function number.



If a menu option is not available, the function number will be displayed as an "X" and it cannot be selected. This may be because the telephone is not in a service area, it is being used in a mode that does not support that feature (handheld/car mount) or the SIM being used does not support that feature.

To return to the previous function menu press **Ⓢ**.

To completely quit the function menu press **Ⓢ** and hold.

5.1 Phone Book (F1)

- | | | |
|---------------|--------------|-----------|
| 1. Phone book | 1. Store | |
| | 2. Recall | 1. Edit |
| | | 2. Delete |
| | 3. Review | |
| | 4. My number | |

The telephone has the ability to store frequently dialed telephone numbers in the SIM so that they can be recalled quickly and easily. This feature is called the phone book, as its use is not dissimilar to an electronic telephone directory. Each telephone number that is stored can have a name tag assigned to it that will help remind you of its use at a later date. Name tags can be up to twelve characters in length (dependent on the SIM) and can include special characters.

Each phone book entry is stored with a location number. This is to help recall the phone book entry quickly. The maximum number of telephone numbers stored in the phone book is dependent on your SIM.

Some service providers may supply SIMs that do not have the ability to store any phone book entries, in these cases the phone book function will not be available. Other SIMs may not have the ability to store a name tag with the telephone number, in these cases you will not be asked for a name tag.

Storing phone book numbers from standby

Enter a telephone number as if you were about to make a call or use one that is stored in scratch pad (section 4.4.5).

1. **[F]** **[M]**

To store the displayed telephone number.

If you do not wish to add a name tag to the stored number press **[*]**.

2. Enter a name tag. (See "Alpha Entry", section 6)
3. **[F]** location number
To store the telephone number.

5.1.2 Recall (F12)

Recall is used for retrieving numbers that have been stored in the phone book. Like storing a number in the phone book there are several methods of retrieval. Recall also gives the ability to edit telephone numbers and associated name tags or delete them from the phone book.

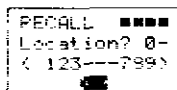
Recalling phone book numbers using the function menu

1. **[F]** **[*]** **[1]** **[2]**

To select phone book, recall.

2. **[F]** location number

Including leading zeros e.g. 07.



When you have selected the first number in a location, the display will show all locations within that block containing phone book entries. If there are more than ninety-nine phone book entries available, the first two numbers must be entered before the display will show the location information.

3. **[F]** **[*]**

To dial the telephone number.

Recalling phone book numbers from standby using **[M]**

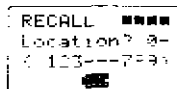
It is not possible to recall a phone book number using **[M]** when numbers are present on the display.

1. **[F]** **[M]**

To enter phone book, recall.

2. **[F]** location number

Including leading zeros e.g. 07.





When you have selected the first number in a location the display will show all locations within that block containing phone book entries. If there are more than ninety-nine phone book entries available, the first two numbers must be entered before the display will show the location information.

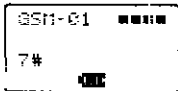
3. **[F]** **[*]**


To dial the telephone number.

Recalling phone book numbers from standby using speed dial

1.  location number
Leading zeros can be left out e.g. 7.
2. 





The telephone number and name tag will be displayed.

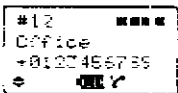






If the location that you entered is empty or outside the range of locations available the display will show # after the location number. Press  and hold to return to standby.

3.  
To dial the telephone number.





Searching phone book alphabetically






Enter the recall menu option for the phone book by using    or .

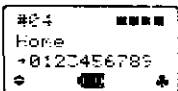


1.  or 
To list each name tag and associated telephone number alphabetically.
2.  
To dial the telephone number.

Searching phone book numerically

Enter the recall menu option for the phone book by using    or .

1.  location number
Including leading zeros.
2.  or 
To list each telephone number and name tag in numerical order.
3.  
To dial the displayed telephone number.



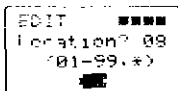
Editing a phone book entry

Recall a phone book entry by any means described above.

1. To display the phone book options.
2. To select edit.
3. the new telephone number

Digits are inserted to the right of the current number. To delete the right most digit press . To delete the telephone number press and hold.

4. To enter the telephone number.
5. Edit the name tag. (See "Alpha Entry", section 6)



The telephone will ask for confirmation that the same location is to be used.

To use the same location press .

To use a different location enter the new location number, it is possible to store the number using and overwrite other locations. If the number and name tag remain unchanged and only the location is altered, the entry in the previous location is deleted.

To leave the changed number and name tag as they were before you began editing press and hold.

Deleting a phone book entry

Recall a phone book entry by any means described above.

1. To select the phone book options.
2. To select delete.

To confirm that you wish to delete the phone book entry selected press .

If you do not wish to delete this phone book entry press .

5.1.3 Review (F13)

The review function will tell you how much of your phone book is in use.

To enter the review function press **☺** **☺** **☺**.



The first screen of information tells you how many locations are available and how many are left free for use.

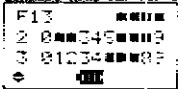
To scroll through free locations press **☺** or **☺**.

The location map is grouped into blocks of ten numbers. The number on the far left is the block number and the numbers to the right of the block number are free locations. An occupied location will display **■**.

Example:

Location 22 is occupied.

Location 24 is free.



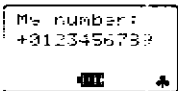
To leave the location review press **☺** at any time.

5.1.4 My number (F14) **☺**

This function allows you to display and edit your own telephone number. This facility may not be available with all SIMs.

1. **☺** **☺** **☺** **☺**.

To select phonebook, my number.



Digits are inserted to the right of the current number. To delete the right most digit press **☺**. To delete the telephone number press **☺** and hold.





2. **☺** **☺**.


To enter your telephone number.

5.2 Messages (F2)

2. Messages -----
1. Select -----
1. Delete
2. Send/reply
3. Edit
4. Move
2. Review
3. Create

The Short Message Service (SMS) may be available on a subscription basis from your service provider. Using this service short text messages can be received, displayed, edited and sent. New messages will automatically be stored in one of the available SMS locations either in the telephone or the SIM. The top left corner of the display will tell you where the message has been stored; "PHONE" is in the telephone and "SIM" is in the SIM.

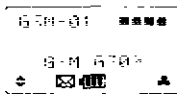
When a message is received, the  indicator will flash for two seconds and an audible tone will sound. Then, if the telephone is in standby, the indicator will continue to flash and the  indicator will suggest that the message can be read by pressing . Otherwise the  indicator will remain continuously lit when there is an unread message.

If a message has been rejected the telephone display will inform you that a message has been rejected and the reason. To clear this information press .

5.2.1 Select (F21)

Once a message has been selected it can be deleted, edited, sent on, replied to or moved from the SIM to the telephone or from the telephone to the SIM.

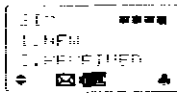
Reading a new message using









When the  indicator is displayed whilst the  indicator is flashing, press .

The first few lines of the message will be displayed. To view the rest of the message and status information press  and .

Selecting a message using the function menu



To display any messages press   .

The first ten characters of three messages will be displayed. To display any additional messages press  or . To see the status of the message, whether it is a new message, received or sent, press  and hold.

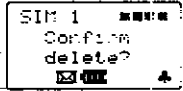
To select a message enter the associated message number.

The first few lines of the message will be displayed, to view the rest of the message press  and .

Delete a message

Select a message either by pressing **2** **1** followed by the message number or **2** with a new message.

1. **2** To select the message options.
2. **1** To delete the message.



To confirm that you wish to delete the message selected press **2**. If you do not wish to delete this message press **3**.

Reply to a message

Some messages received by your telephone will contain information allowing you to send a standard reply. In these cases the reply menu option will be available for selection. Select a message either by pressing **2** **1** followed by the message number or **2** with a new message.

1. **2** To select the message options.
2. **2** To reply to the message.



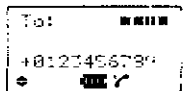
A standard reply will be displayed but this may be edited (see "Alpha Entry", section 6).

3. **2** To send the reply.

Send a message

You can send messages that you have edited from another message or created, using "Create", see section 5.2.3. Select a message either by pressing **2** **1** followed by the message number or **2** with a new message.

1. **2** To select the message options.
2. **2** To send the message.



The telephone number that is given will be the originator's telephone number, for an edited message, the previously entered telephone number or will be blank for a recently created message. This telephone number can be edited, or press **M** to select another telephone number from the phone book.

3. **2** To send the message.

Edit a message

Select a message either by pressing **F2** **11** followed by the message number or **☺** with a new message.

1. **F2** **☺**
To select the message options.
2. **F2** **3F**
To edit the message.

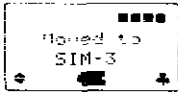
The current message will be displayed. To edit this message see "Alpha Entry", section 6.

3. **F2** **☺**
To update the message.

Move a message

Select a message either by pressing **F2** **11** followed by the message number or **☺** with a new message.

1. **F2** **☺**
To select the message options.
2. **F2** **41**
To move the message.



The message will be moved from the telephone to the SIM or from the SIM to the telephone. The display will show you where the message has been moved to and which message number has been used.

5.2.2 Review (F22)

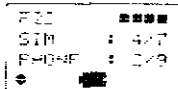
The review function from the messages menu will tell you how much space there is remaining to create or receive new messages.

To select review press **☺** **F2** **F2**.

The display will tell you how much space is available for messages in the SIM and the telephone.

Example:

There is space for 7 SIM messages of which 4 have been used and there is space for 9 telephone messages of which 2 have been used.



5.2.3 Create (F23)



To create a message press **F23**.

You will be asked where you would like to store the message you are about to create. Enter the corresponding number for where you would like to store the new message.

Enter the message that you would like to store. See "Alpha Entry", section 6.

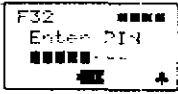
When the message has been stored you will be given the option to delete, send, edit or move the message. These operations are the same as those for the "Select", section 5.2.1.

5.3 Security (F3)

3. Security

5.3.2 PIN on/off (F32)

PIN on

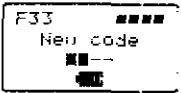


1. **[F] [C] [3] [2]**
To select security, PIN on.
2. **[F] PIN**
To correct errors press **[C]**.
3. **[F] [C]**
To switch the PIN on.

PIN off

1. **[F] [C] [3] [2]**
To select security, PIN off.
2. **[F] PIN**
To correct errors press **[C]**.
3. **[F] [C]**
To switch the PIN off.

5.3.3 New Lock (F33)



1. **[F] [C] [3] [3]**
To select new lock.
2. **[F] current lock code**
To correct errors press **[C]**.
3. **[F] new lock code**
To correct any errors press **[C]**.
The new lock code must have four digits.
4. **[F] verify new lock code**
To correct any errors press **[C]**.

If the incorrect lock code is entered during verification you will be returned to step 3.

5.3.4 New PIN (F34)

The PIN cannot be changed if the telephone has PIN set to off.

1.
To select security, new PIN.
2.
To correct errors press .
3.
To enter the PIN.
4.
The new PIN must be between four and eight digits.
5.
To enter the new PIN.
6.
To correct any errors press .
7.
To verify the new PIN.



If the incorrect PIN is entered during verification you will be returned to step 2.

5.4 Divert (F4)


4. Divert



1. Set
2. Clear
3. Status

Call divert is a feature that is provided by your service provider. It enables incoming calls to be automatically forwarded to another telephone, not necessarily a GSM telephone.

Calls can be diverted if you are busy, unreachable or do not answer. It is also possible to divert all calls.

This function is only available when the telephone is registered with a network. This is because the divert status is recorded with the network and not the telephone. Each time that call divert is set, cleared or checked the status will be updated with the network.

When call divert is set the  indicator will be displayed.

NOTE: It is possible that the  indicator will not reflect the actual status of call divert, particularly if SIMs are swapped between different telephones. It is recommended that the call divert status is checked whenever the SIM has been removed. This will update the  indicator and show the correct call divert status.

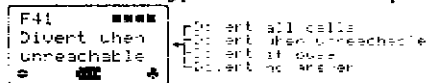
5.4.1 Set (F41)

1.

To select call divert, set.

2. or

To select the type of call divert required.





3.

To enter the call divert.

4. divert telephone number


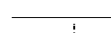



To enter the telephone number where calls will be forwarded.

If a previous number is available this will be displayed. To use a phone book telephone number press **M** followed by  or  to list each entry alphabetically.

5.

To update call divert with the network.








5.5 Call Bar (F5)

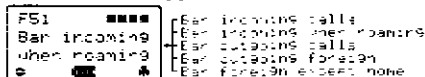
5. Call bar   1. Set
-  2. Clear
-  3. Status
-  4. Password







Call bar is a feature that is provided by your service provider. It is used to restrict certain incoming or outgoing calls. There are five types of restriction; all incoming calls, incoming calls when roaming, all outgoing calls, outgoing foreign calls and outgoing foreign calls except those to your home country. Call bar is controlled by an access password that will be supplied by your service provider.

This function is only available when the telephone is registered with a network. This is because the call bar status is recorded with the network and not the telephone. So each time that call bar is set or checked the status will be updated with the network.

5.5.1 Set (F51)









1.    
To select call bar, set.
2.   or 
To select the type of restriction.



3.  
To enter the restriction.
4.  password
To correct error press .
5.  
To update call bar with the network.

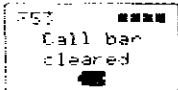
The call bar facility may be revoked if three incorrect password attempts are made.

5.5.2 Clear (F52)

1.    
To select call bar, clear.
2.  password
To correct errors press .
3.  
To update call bar with the network.




The call bar facility may be revoked if three incorrect password attempts are made.

5.5.3 Status (F53)

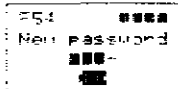


To check the status of call bar press **F53**.

The telephone may take a while to update the current call bar status with the network.

This display will give you the current setting for call bar. If further levels of call bar are available the  indicator will light. To see further levels of call bar press  or .

5.5.4 Password (F54)



1. **F54**

To select call bar, password.

2. **F54** current password

To enter the current password.

3. **F54** new password

To enter the new password.

The new password must have four digits.

4. **F54** verify new password

To verify the new password.

If the incorrect password is entered during verification you will be returned to step 3.

5. **F54**

To update the password with the network.

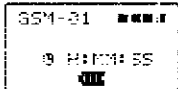
The call bar subscription will be revoked if three incorrect password attempts are made when entering the current password.

5.6 Call Timer (F6)

6. Call Timer

1. Last call
2. Total time

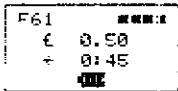
The duration of the current call will always be displayed during all calls. An approximation of call charge may also appear alongside the call time if it has been set using the call cost function (section 5.8.3).



All call meter times are displayed as a combination of:

- | | |
|----------|-------------|
| Hours: | 0 to 99 (h) |
| Minutes: | 0 to 59 (m) |
| Seconds: | 0 to 59 (s) |

5.6.1 Last call (F61)



This function will display the duration of the last call and, if set, the call charge.

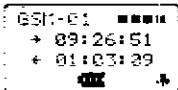
To display the last call information press **Ⓢ 61 11**.

5.6.2 Total time (F62)

The total time gives the accumulated duration of all calls made. The total times are retained after the power is switched off and are only reset when the correct lock code is used.

Incoming calls are denoted by **+**.

Outgoing call are denoted by **-**.



1. **Ⓢ Ⓢ 62 21**
To select call timer, total time.
2. **Ⓢ Ⓢ**
To reset the meter.
3. **Ⓢ Ⓢ**
To confirm reset.
4. **Ⓢ** lock code
To correct any errors press **Ⓢ**.

The factory default setting of the lock code is 0000.

5.7 Networks (F7)

7. Networks ----- 1. Select
- 2. SIM list
- 3. Area ID

When the telephone is switched on your home network will be selected automatically, provided you are within its service area. You may also use your telephone on networks other than your home network. This is known as ROAMING.

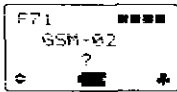
Roaming will only be possible if it is permitted with your current SIM or a roaming agreement exists between your home network and the network with which you are attempting to register.

NOTE: Roaming between GSM systems in the same country (National Roaming) may not be permitted by National Law.

If your home network is not available after switching the power on the telephone will automatically search a list of pre-defined preferred networks in your SIM and attempt registration. This is automatic roaming. If registration is successful, normal telephone operation can continue.

5.7.1 Select (F71)

If the telephone is denied access to a network, that network will be added to a "forbidden network" list in the SIM and automatic access of that network will no longer be attempted. However, manual selection of that forbidden network is still possible. If manual selection of that network is successful it will be removed from the forbidden network list.



Select manual roaming by pressing **F71**. The telephone will display all of the networks that it detects. Use **←** or **→** to scroll through the network list. Press **Ⓜ** to attempt registration to the selected network.

If roaming with the selected network is not allowed a warning message will inform you of the problem.

If registration is OK, the full network name will be displayed briefly, and operation using the network can continue.

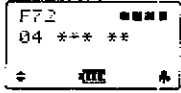
5.7.2 SIM list (F72)

For automatic roaming a list of preferred networks is stored in your SIM.

To edit the roaming preferences list press **F72**. The position number and the network stored at that position will be displayed (if a network has been defined at that position).

Use **↑** to scroll through the positions. The order of the networks is important; position 1 has the highest priority during automatic roaming. An empty position displays: *** **.

Having chosen the position that you wish to edit press **Enter** to enter edit mode. A network may be added to the preferred list in one of two ways:



Network entry by scrolling through the networks listed in your telephone

Your telephone contains a list of networks available at the time of manufacture. Having entered edit mode and selected the position number that you wish to define/edit:

Use **↑** or **↓** to scroll through the country prefixes. Press **Enter** to confirm.

Use **↑** or **↓** to select the networks known in that country. Press **Enter** to confirm. The network that previously held that position, if any, will move down one position.

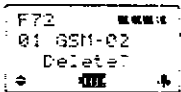
The network abbreviation, full name and position in the preferred list will be displayed. Press **↑** to continue editing or press **Exit** to exit.

Network entry using GSM country and network codes

Apart from their network name, all GSM networks can be uniquely identified by a country code and network code.

Networks can be entered onto the preferred list using the country and network codes. Having entered edit mode, and selected the position number that you wish to define/edit:











Enter the country code (3 figures) and network code (2 figures) and press **Enter** to store. If the associated network name is stored in your telephone, it will be displayed. The network that previously held that position, if any, will move down one position.



To delete a network from a position, press **↓** until "Delete?" is displayed. Press **Enter**. The networks in all subsequent positions will move up one place.

5.7.3 Area ID (F73)

Some networks are able to transmit information about your current location. This information is sent as area identification.

1.     
To select networks, area ID.
2.   or 
To switch area ID on or off.
3.  
To enter the setting.

5.8 Customise (F8)

8. Customise

- 1. Language
- 2. Tones
 - 1. Ring vol
 - 2. Ring type
 - 3. DTMF tone
 - 4. Warnings
 - 5. Service
- 3. Call meter:
 - 1. Pace alarm
 - 2. Call cost
- 4. In car
 - 1. Keep alive
 - 2. Auto answer
- 5. Greeting
- 6. Msg centre
- 7. Save
- 8. Restore

The basic setting of the telephone can be modified in a number of ways in order to customise it to your personal preferences.

When a customise option is modified the display will return to the customise main menu (F8). In the explanations given in this section it is assumed you will be entering the customise function from standby. If you are already in the customise main menu the **Ⓢ** can be omitted from the key press sequence. Remember that it is possible to scroll through the menu options, using **⏪** and **⏩**, to see which options are available.

To leave the current customise menu and return to the customise main menu press **Ⓢ**.

To leave customise when changing an option press **Ⓢ** and hold.

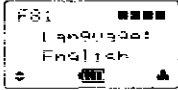
5.8.1 Language (F81)

All display messages on your telephone can be displayed in one of twelve languages:

Danish, Dutch, English, Finnish, French, German, Greek, Italian, Norwegian, Portuguese, Spanish and Swedish.

If you should have a language displayed that you do not understand:

Press **C** and hold, this will return you to standby, now press **C** **2** **1**. You will now be able to select your normal language by using **↵** or **⏴** as the language selection menu is displayed in the native language of that country.



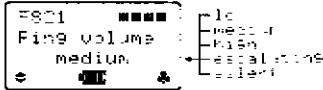
1. **C** **2** **1**
To select customise, language.
2. **↵** or **⏴**
To select the language in which you wish the telephone to operate.
3. **C**
To enter the language.

5.8.2 Tones (F82)

There are four tones, used by the telephone, that can be customised; ring volume, DTMF, warning and service tones. DTMF, warning and service tones can be switched on or off using this function. Five ring volumes, including escalating, and three ring types can also be set.

Ring vol. (F821)

1. **PF** **☰** **8** **2** **1**
To select customise, tones, ring volume.
2. **PF** **⤴** or **⤵**
To select the ring volume.



If the ring volume is switched off incoming calls will be announced with a flashing "Incoming" message.

Escalating will start at the lowest volume and work up to the highest volume setting.

3. **PF** **☰**
To enter the ring volume.

Ring type (F822)

1. **PF** **☰** **8** **2** **2**
To select customise, tones, ring type.
2. **PF** **⤴** or **⤵**
To select the ring type.

As each ring type is scrolled an example will be produced by the telephone.

3. **PF** **☰**
To enter the ring type.

DTMF tone on/off (F823)

DTMF tones are produced by the telephone when using pause dialling or by pressing keys during conversation to access facilities such as voice mail, paging and computerised home banking. This feature will only switch off DTMF tones generated by key presses during conversation.

1. **PF** **☰** **8** **2** **3**
To select customise, tones, DTMF tone.
2. **PF** **⤴** or **⤵**
To select DTMF tone on or off.
3. **PF** **☰**
To switch DTMF tones on or off.

Warnings on/off (F824)

Warning tones are given by the telephone to draw you attention to an event. For example to notify you of an incoming message.

1. To select customise, tones, warnings.
2. or To select warning tones on or off.
3. To switch tones on or off.

Service on/off (F825)

Service tones are given by the telephone when it enters or leaves a service area.

1. To select customise, tones, service.
2. or To select service tones on or off.
3. To switch service tones on or off.

5.8.3 Call meter (F83)

The call meter customise function allows you to set a pace alarm and display call costs.

When the pace alarm is set, a short tone is generated in the telephone earpiece during conversation as a reminder of the duration of the call. The first tone is generated after 50 seconds and subsequent tones are generated every minute thereafter.











Call cost will display the cost per call together with the call length timer. It is possible to set the units of currency for the call cost. This will give an indication of the cost for calls and help calculate your telephone bill.

NOTE: The call cost is user set and may not be an accurate reflection of the tariffs charged by the service provider.

Pace alarm on/off (F831)









1. To select customise, call meter, pace alarm.
2. or To select pace alarm on or off.
3. To switch pace alarm on or off.

Call cost (F832)


1.     
To select customise, call meter, call cost.
2.   or 
To select call cost on or off.
3.  
To switch call cost on or off.


If call cost is set to off the telephone will return to the customise function menu.



4.   or 
To select the currency.
5.  
To enter the currency.
6.  the call cost units
To move between cost per unit and unit of time press  or .

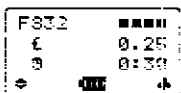
Digits are inserted to the right of the current number.

To delete the right most digit press .



To reset the current entry to zero press  and hold.

If the cost per unit or unit of time are set to zero call cost will be switched off.

Example:



The display shows a cost of £0.25 for every 30 seconds of a call. *This example is given to show a typical screen display and bares no resemblance to any tariffs charged by a service provider.*

7.  
To enter the call cost units.

5.8.4 In car (F84)

The in car option from the customise function will enable you to set the telephone for use with the optional Car Mount Kit. These features can be set at any time but will only take effect when the telephone is installed into the Handsfree Charger, with the vehicle ignition switched on.

Keep alive will enable you to set a time for the telephone to automatically switch itself off, after the vehicle ignition has been switched off. If a conversation is in progress after the keep alive time has elapsed the call will be maintained. A warning tone will be given when the keep alive time expires and the telephone is switched off. Keep alive can be set to 5, 10 or 30 minutes.

The auto answer facility enables incoming calls to be connected approximately five seconds after the ring tone starts, without pressing any keys. The call can be answered or rejected in the normal way before the call is automatically answered. A warning tone is given just before the call is automatically answered.

Keep alive (F841)

1. To select customise, in car, keep alive.
2. or To select keep alive on or off.
3. To switch keep alive on or off.

If keep alive is set to off the telephone will return to the customise function menu.

4. or To select the duration of keep alive.



5. To enter the keep alive time.

Auto answer (F842)

1. To select customise, in car, auto answer.
2. or To select auto answer on or off.
3. To switch auto answer on or off.

5.8.5 Greeting (F85)

Whenever the telephone is switched on it is possible to have a personalised greeting message displayed. Two lines of twelve characters are available.

1. **[*] [0] [8] [5]**
To select customise, greeting.
2. Enter your greeting. (See "Alpha Entry", section 6).
3. **[*] [0]**
To enter the greeting message.

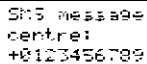
5.8.6 Message centre (F86)

The message centre, sometimes referred to as the Service Centre, is where all SMS messages are sent to before they are sent on to their destination. The operation of the message centre is a little like a post sorting room for normal mail.

When you subscribe to SMS your service provider will supply you with a message centre telephone number, which is entered using this function.

Some SIMs may have the SMS message centre telephone number pre-programmed. In this case it will not be necessary to enter the telephone number using this function. If the SIM does not have the SMS message centre telephone number pre-programmed, every time that a new SIM is inserted the telephone number will be lost. If this is the case it is advisable to store the message centre telephone number in the phone book.







1. **[*] [0] [8] [6]**
To select customise, message centre.
2. **[*]** message centre telephone number
To correct errors press **[0]**.
3. **[*] [0]**
To enter the message centre telephone number.

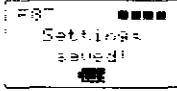


SMS message
centre:
+8123456789

5.8.7 Save (F87)

It is possible to save the customised settings so that they may be restored at a later date. This will allow another person to customise your telephone for their needs without having to inconvenience you when it is returned.

1.    
To select customise, save.
2.  lock code
To correct errors press .










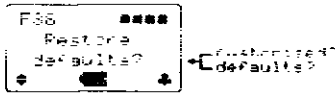
When the last digit of the lock code is entered the current customised settings will be saved.



The factory default setting for the lock code is 0000.

5.8.8 Restore (F88)

This will enable you to restore previously saved settings or restore the telephone to the factory default setting for your SIM.


1.    
To select customise, restore.
2.   or 
To select saved or default settings.

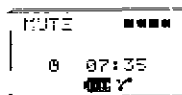


3.  
To restore the selected settings.

5.9 Mute (F0)

The mute function allows you to switch off the telephone Microphone during a call. You can hear the caller but the caller cannot hear you.

To mute the Microphone press  .



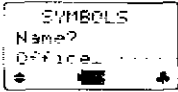
The display will show "MUTE" in the top left corner.

To cancel the mute function press   again.

Mute will be cancelled automatically when a call has finished.

6 ALPHA ENTRY

Alpha entry is used in the phone book, short messages services and the telephone greeting message.



Four character sets are supported; letters, numerical, symbols and Greek. To switch between character sets press **F**, the top line of the display will briefly flash the character mode.

When the letter character set is used the numeric keys are assigned the following letters:

Key	Character	Key	Character
1	ABCabc	2	DEFdef
3	GHghi	4	JKLjkl
5	MNOmno	6	PQRpqr
7	STUstu	8	VWXvwX
9	YZyz	0	., space

Each time a key is pressed the next character is displayed. When no key is pressed for approximately one second the cursor will automatically move on to the next position.

Numbers are entered by using the numeric keys when the numerical character set is used.


Symbols and Greek characters are entered by using  and  to scroll through the available characters.

When editing an alpha entry

To move the cursor left press .

To move the cursor right press .

To delete the character left of the cursor press .

To delete the current line press  and hold.

When you have finished using alpha entry

To leave alpha entry.

7 BATTERY INFORMATION

7.1 Battery Specifications

Standby time	≈ 14 h
Talk time	≈ 2 h

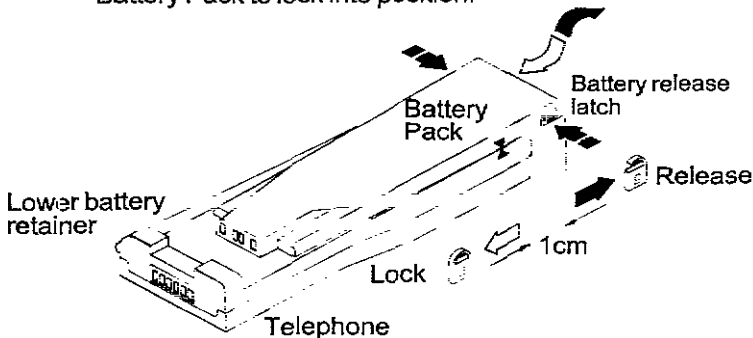
These figures are based on fully charged batteries.

7.2 Fitting a Battery Pack

Turn the telephone face downwards.

Fitting the Battery Pack

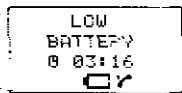
Place the Battery Pack on the back of the telephone, positioned approximately 1cm from the lower battery retainers. Slide the Battery Pack to lock into position.



Removing the Battery Pack

Press the two battery release latches. Slide the Battery Pack towards the antenna to release. Lift the Battery Pack from the telephone.

7.3 Low Battery During Use



When the battery indicator shows empty (only the battery outer is lit) a low battery tone will be heard and a warning message displayed. If the telephone Microphone has been muted it will be unmuted automatically. Finish your call and charge the Battery Pack.

A short period after the low battery warning the telephone will automatically power off. Any calls will be lost.

7.4 Battery Charging

Battery charging is controlled by the Dual Rapid Charger in such a way that it will not cause damage to the battery or telephone.

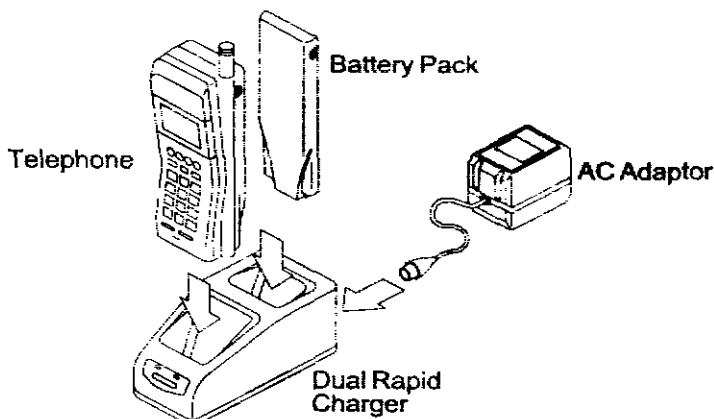
	Charge time
Dual Rapid Charger	≈ 2 h
Handsfree Charger	≈ 2 h

Charging time will be longer if the telephone is switched on, or if the temperature is lower than normal room temperature.

7.4.1 Dual Rapid Charger (standard)

1. Connect the AC Adaptor to the Dual Rapid Charger and then the mains supply.
2. Set the telephone, with Battery Pack, into the front slot or the Battery Pack into the rear slot.
3. Charging will begin immediately.
The indicators on the front of the Dual Rapid Charger show the type of charging:
RED - rapid charging
GREEN - charging complete.
4. When charging is complete, remove the Battery Pack from the Dual Rapid Charger.
5. Remove the AC Adaptor from the mains supply, when the charger is not in use.

Both charging slots may be used simultaneously. The telephone fitted with a Battery Pack, in the front slot, will take priority over the Battery Pack, installed in the rear slot.



7.4.2 Handsfree Charger (option)

The optional Car Mount Kit contains an integral battery charger that will recharge the telephone Battery Pack during car mount use. When the telephone is placed in the Handsfree Charger battery charging will begin automatically.

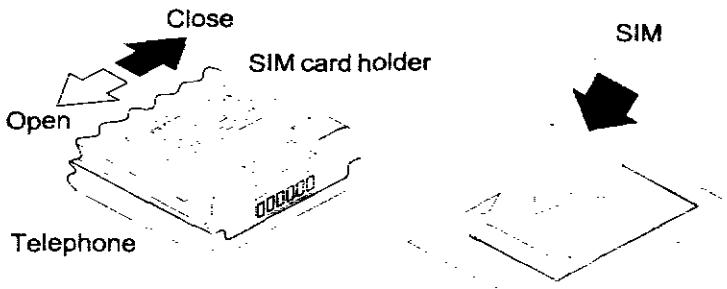
8 FITTING THE SIM

The SIM fits into a holder at the back of the telephone, covered by the Battery Pack.

When fitting the SIM **DO NOT** touch the gold contacts.

Remove the Battery Pack. Slide the SIM card holder in the direction of the arrow and hinge open. Insert the SIM into the SIM card holder and close. Slide the SIM card holder in the opposite direction of the arrow, until it locks into position. Replace the Battery Pack.

Removal of the SIM is the reverse of fitting.

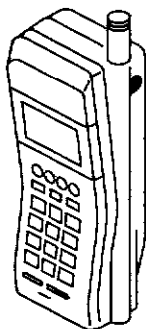


9 KIT COMPOSITION

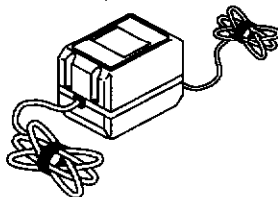
9.1 Main Kit

Description	Part number
Main Unit (Telephone)	EB-G300
Battery Pack	EB-BS300
Dual Rapid Charger	EB-CR300
AC Adaptor	EB-CA300AU / EB-CA300EU / EB-CA300HK / EB-CA300SA / EB-CA300UK
Operating Instructions	—

Main Unit
(Telephone)



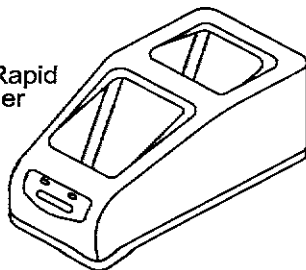
AC Adaptor



Battery Pack

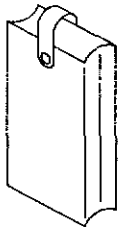


Dual Rapid
Charger



9.2 Optional Accessories

Description	Part number
Car Mount Kit	EB-HF300Z
Battery Pack	EB-BS300
Dual Rapid Charger	EB-CR300
AC Adaptor	EB-CA300AU / EB-CA300EU / EB-CA300HK / EB-CA300SA / EB-CA300UK
Carry Case	EB-B70005

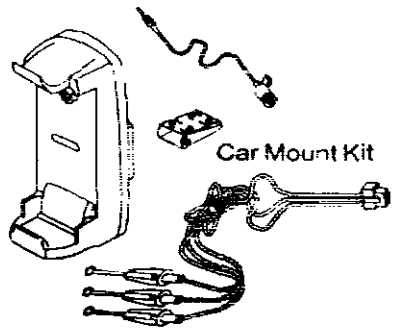
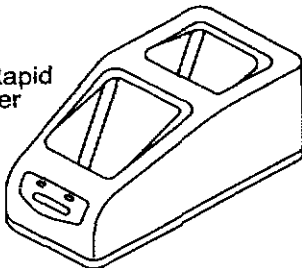


Carry Case

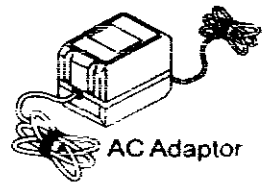


Battery Pack

Dual Rapid
Charger



Car Mount Kit



AC Adaptor

10 TROUBLE SHOOTING

Should any of the problems persist contact your dealer.

General

Telephone won't switch on

Check that the Battery Pack is correctly connected to the telephone.

"No service"

You are beyond the range of a service area. Move into a radio coverage area and operate the telephone when the telephone has registered to a network.

"LOW BATTERY"

The battery power is low. The Battery Pack must be recharged.

"POWER OFF/ON" code

An error has been detected. The power must be switched off to clear this message.

Security

"PIN BLOCKED"

This shows that the PIN is blocked. To unblock the PIN a Pin Unblock Key (PUK) is required this may be supplied by your service provider. When the PIN is unblocked a new PIN must be entered, see "New PIN" section 5.3.4

"VERIFY FAILURE"

The verified password, lock code or PIN did not match the new number.

SIM

"UNAUTHORISED SIM"

An unauthorised SIM has been detected. The power must be switched off to clear this message.

"SIM NOT PRESENT"

The telephone has not detected a SIM. If a SIM is present remove and replace it. The power must be switched off to clear this message.

"PROBLEM WITH SIM"

The telephone has detected a problem with the SIM. The power must be switched off to clear this message.

SMS

"Message rejected"

Displayed when a short message is received but the short message store is full. To receive short messages some of the currently stored messages must be deleted.

"Store full"

Displayed when the short message store is full. To receive short messages some of the currently stored messages must be deleted.

Network

"PLEASE RETRY"

A supplementary service request has failed temporarily.

"OPERATION FAILURE"

The supplementary service requested has been rejected by the network.

"PASSWORD INVALID"

Reports that the password used by the supplementary services is invalid.

"NETWORK NOT ALLOWED"

Roaming with the selected network is not allowed.

"AREA NOT ALLOWED"

Roaming with the selected area is not allowed.

11 GLOSSARY OF TERMS

DTMF

Dual tone multiple frequency tones. The digit keys 0 to 9, * and # will generate a different DTMF tone when pressed during conversation. Used to access voice mail, paging and computerised home banking.

GSM

Global System for Mobile communications. The name given to the advanced digital technology that your telephone uses.

GSM NETWORK

The cellular network on which your GSM telephone will operate. Each country supporting the GSM system will have at least one network.

HOME COUNTRY

The country where your home network operates.

HOME NETWORK

The GSM network on which your subscription details are held, responsible for billing.

LOCK CODE

Used for security of your telephone. Factory set to 0000.

NETWORK OPERATOR

The organisation responsible for operating a GSM network. Each network will have a different network operator.

PASSWORD

Used for the control of the call bar function. Supplied by the service provider.

PIN

Personal Identification Number used for SIM security. Supplied by the service provider.

PUK

PIN Unblocking Key. Supplied by the service provider.

REGISTRATION

The act of locking onto a GSM network. This is usually performed automatically by your telephone.

ROAMING

The ability to use your telephone on networks other than your Home network.

SERVICE PROVIDER

The organisation responsible for providing access to the GSM network.

SHORT MESSAGE SERVICE

A service provider controlled facility by which short text messages can be received, displayed, sent and stored.

SIM

Subscriber Identification Module. A small smart card which stores subscriber billing details, your telephone number and other unique subscriber information. It also holds other user entered information such as phone book and short messages. Supplied by your service provider.

SUPPLEMENTARY SERVICES

Network controlled GSM features which your telephone will support. Supplementary services may only be available on a subscription basis.

12 TELEPHONE SPECIFICATIONS

Type	GSM Class 4 handheld	
MCN	Can be supported	
SIM type	Plug in only	
Weight	270 g (with battery)	
Dimensions:	Height	145 mm
	Width	53 mm
	Depth	37.5 mm
Supply voltage (Li-ion battery)	7.2 V, 800 mAh	
Battery charge time	Dual Rapid Charger	≈ 2 h
	Handsfree Charger	≈ 2 h
Battery life	Standby time	≈ 14 h
	Talk time	≈ 2 h
Battery charge temperature	+5°C to +35°C	
AC Adaptor	Input voltage	230/240 V AC
	Output voltage	13.8 V, 1 A DC

NOTE: Standby time may vary according to network conditions.

NOTES