

# G50



Panasonic Mobile Communications Corporation of the Philippines  
Laguna Technopark Sta. Rosa, Laguna, Philippines.

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## Panasonic EB-G50

Operating Instructions  
Digital Cellular Phone



GSM

*Before operating this equipment please read these instructions completely.*

Cyan

Magenta

Yellow

Black

PMS

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## Important Information

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. Please ensure the battery is fully charged before use.

### Safety Considerations

The following information should be read and understood as it provides details which will enable you to operate your phone in a manner which is both safe to you and your environment, and conforms to any legal requirements regarding the use of cellular phones.



This equipment should only be charged with approved charging equipment to ensure optimum performance and avoid damage to your phone. Other usage will invalidate any approval given to this apparatus and may be dangerous. Ensure the voltage rating of the Fast Travel Charger is compatible with the area of use when travelling abroad. A Fast Travel Charger EB-CAD55xx is supplied with the Main Kit.  
**Note\*** xx identifies the charger region, e.g. CN, EU, HK, UK.



If you use feature which keeps key backlight on continuously for a long time, such as game, or browser, battery life will become extremely short. To maintain longer battery life, set the backlight Low. See "Setting Brightness" on page 26.



Switch off your cellular phone when in an aircraft. The use of cellular phones 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 the suspension or denial of cellular phone services to the offender, or legal action or both.



Use of Battery pack other than that recommended by the manufacturer may result in a safety hazard.



Do not incinerate or dispose of the battery as ordinary rubbish. The battery must be disposed of in accordance with local legislation and may be recycled.

Important Information

**Important Information**



It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 60°C).



It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone 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. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area you are driving and observe them at all times.



Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.



For most efficient use hold the phone as you would any normal phone. To avoid deterioration of signal quality or antenna performance, do not touch or "cup" the antenna area while the phone is switched on.

Unauthorised modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

This equipment should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your phone. Panasonic is not responsible for damages caused by using non-Panasonic approved accessories.

This Panasonic mobile phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC, and Australian ACA regulations.

Please refer to our website for latest information/standards compliance in your country/region of use.

<http://www.panasonicmobile.com>

## Care and Maintenance



Pressing any of the keys may produce a loud tone. Avoid holding the phone close to the ear while pressing the keys.



Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault.

If you use the phone for a long time in temperatures over 40°C, the display quality may deteriorate.



Do not modify or disassemble the equipment. There are no user serviceable parts.



Do not subject the equipment to excessive vibration or shock.

Do not drop the battery.



Avoid contact with liquids. If the equipment becomes wet immediately remove the power and contact your dealer.



Do not leave the equipment in direct sunlight or a humid, dusty or hot area.



Never throw a battery into a fire. It may explode.



Keep metallic items that may accidentally touch the terminals away from the equipment/battery.

Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (i.e. metal jewelry, key, etc.).



Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.



When connecting the phone to an external source, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the phone is compatible with the product it is being connected to.



When disposing of any packing materials or old equipment check with your local authorities for information on recycling.

Getting Started

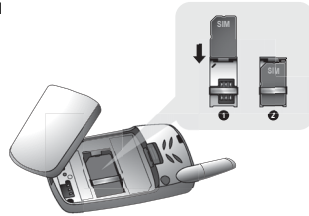
## Getting Started

Some services detailed, are network dependent or may only be available on a subscription basis. Some functions are SIM dependent. For more information contact your service provider.

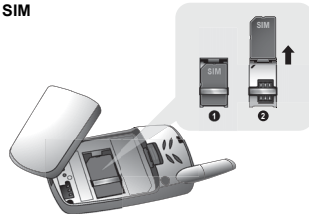
### Fitting and Removing the SIM

The SIM is inserted into the back of the phone underneath the battery.

#### Fitting the SIM



#### Removing the SIM



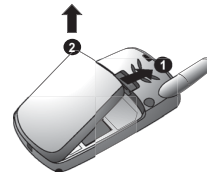
### Fitting and Removing the Battery

Before removing the battery, ensure that the phone is switched off and the charger is disconnected from the phone.

#### Fitting the battery



#### Removing the battery



## Charging the Battery

### Connecting and disconnecting the Fast Travel Charger

The battery must be fitted in the phone before the charger is connected. Insert the charger into the base of the phone and connect the travel charger to the socket-outlet. Then the Battery Level Indicator will start scrolling. It is recommended to charge the battery for a minimum of 4 hours before first use.

**NOTE:** DO NOT force the connector as this may damage the phone and/or the charger. If the battery has been deeply discharged the phone will take a short time until the charge indicator displays.



When charging is complete disconnect the charger from the wall socket before removing the plug from the Phone.



## Operation of Battery Level Indicator

	While charging	Charging complete
Phone on		
Phone off		Battery Charge Indicator off

**NOTE:** When the battery is deeply discharged, it may take a short time (2 to 3 minutes) until charging starts.

## Low Battery Warning

When the battery power is low, **Battery Is Low** message will be displayed. If this occurs during conversation, finish your call immediately. The power will automatically shut off after the warning tone. Fully recharge the battery. See "Charging the Battery" on this page. (Calls can be made and received while the phone is charging.)

Getting Started



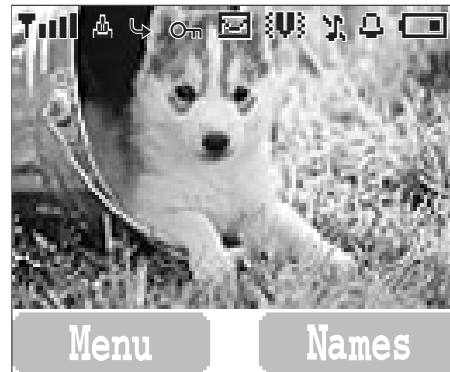
## Keys & Displays



## Keys

Key	Function
	<b>2-way Navigation Key:</b> moving up/down/right/left through the options in the display area. In idle mode, entering to the Shortcuts.
	<b>Left Softkey:</b> Perform the functions displayed above the key. In idle, long press to enter to the SMS menu.
	<b>Right Softkey/Cancel or Exit key:</b> Perform the functions displayed above the key. Mainly used to cancel and returned to previous menu level, or to delete text/number entries. In idle, long press to enter the SMS menu.
	<b>Numeric key pads:</b> Enter numbers. Press and hold a single key (1~9) for Speed Dial. In text entry mode, enter text, numbers and characters. Long press  to enter a "+" or "P". When you need to dial an extension number, dial the phone number first then long press  to add a "P" and enter the extension number.
	<b>Send Key:</b> Make a call or answer a call. In idle mode, check the last dialed list.
	<b>Power/End Key:</b> End/reject a call. In idle mode, long press to switch phone on/off. In Browser mode, long press to end Browser mode.
	<b>Asterisk Key:</b> In idle, long press to activate Browser.
	<b>Quiet Mode Key:</b> In idle, long press to switch the Mute Mode on and off.

## Display









## Status Icons

The status icons are displayed or animated according to the currently activated functions. The Antenna, Signal and Battery icons are displayed when the handset is switched on and connected to a network. In the occasion of that network level is zero, the network icon will not be displayed.

Icon	Indication
Y	Registered to a non-home network - <b>roaming</b>
↳	<b>Call divert</b> is on
]	<b>Vibration alert</b> is on
[	<b>Silent Mode</b> is on
N	Message area is full
N (Flashing)	<b>Unread message</b> is stored
Om	<b>Key Guard</b> is enabled
✉	Voice mail message
S	Indicates it is possible to make emergency call
	Signal strength
▢	Battery full level:
▢	- low battery
?	Alarm set

### Symbols used in the Manual


-  Press the Navigation key in the direction indicated by the arrow
-  Press Left Soft Key
-  Press Right Soft Key
-  Press numeric key pads
-  Press to answer a call or call a dialled number
-  Press to end a call or return to Idle screen

### Menu Display



The menu system provides the means for accessing the functions which do not have their own dedicated buttons on the keypad.

#### Entering to the Menu Display

From **idle screen**


1  (Menu)

The main menu display has 9 menu options.  
(See "Menu Structure" on page 9.)

2  required menu  (Select)

OR pressing a numeric key will directly access to a menu.

#### Back to the Menu Display

 repeatedly until the display goes back to the Menu display.

## Menu Structure

The 9 main menus are as follows.



### **My Phone**

- 1 Sounds
- 2 Display
- 3 Language
- 4 Alert Type
- 5 Profiles
- 6 User Messages
- 7 Auto Answer
- 8 Any Key Answer
- 9 Reset Defaults
- 10 Shortcuts
- 11 My Phonebook
- 12 T9 Input



### **Games (or SAT)\***

- 1 Fillip
- 2 Classic rally



### **Phone Book**

- 1 Browse
- 2 Create
- 3 Group Settings
- 4 Memory Status
- 5 My Numbers
- 6 Hot Key Dial
- 7 My Phonebook



### **Browser**

- 1 Start Browser
- 2 Bookmarks
- 3 Settings



### **Key Guard**



### **Messages**

- 1 Create
- 2 Inbox
- 3 Outbox
- 4 Archive
- 5 User Messages
- 6 Memory Status
- 7 Options
- 8 Broadcast



### **Phone Option**

- 1 Call Service
- 2 Call Divert
- 3 Security
- 4 Network
- 5 CSD Setting



### **Applications**

- 1 Games
- 2 (SAT)\*
- 3 Scheduler
- 4 Clock
- 5 Calculator
- 6 Currency
- 7 Melody Composer
- 8 Sound Folder
- 9 Picture Folder



### **Records**

- 1 Last Dialed
- 2 Answered
- 3 Unanswered
- 4 Erase Records





## Keys & Displays

\*SAT(SIM Application Toolkit) is SIM dependent.

### Shortcut from Idle Screen







It is possible to enter the function directly from the Idle screen by pressing a key.

#### Short press

Key	Function
	Menu
	Phonebook*
	Shortcuts
	Last dialled record list

\*The Phone must be registered with a network.

#### Long press



Key	Function
	Hot key dial
	Browser*
	Silent mode
	Profile menu
	Power on/ff
	SMS Menu

\*The Phone must be registered with a network.

## Phone Basics




### Phone ON/OFF

- 1 Press and hold  for 2 to 3 seconds
- 2  Phone will display Idle mode



- 3 Press and hold  again to turn the power off

### Displaying Menu

From idle mode  
 to access Menu



Menu will be displayed  
(Menu may change depending on your SIM)



## Making Calls

> To make a call, start in Idle mode.

### Standard Dialling

- 1 Enter phone number .
  - > The dialled number is displayed.
- 2 When the other party answers, talk into the Microphone.
- 3 To hang up, .
  - > The length of the call is displayed.
  - > When **Max Cost** is on, display the remaining units.
    - For setting the **Max Cost**, please refer to "Setting the Maximum Cost:" on page 58.

#### Earpiece Volume:

During a call; to adjust earpiece volume

#### Loud Speaker Volume:

During a call; Long press to on/off the loud speaker volume.

### Phonebook Dialling

- 1 .
- 2 required contact .



### Recent Number Dialling

- 1
- 2 required contact

### International Dialling

The international access code (+) and the destination country/region code should be entered, followed by the area code and phone number.

- 1 Press and hold 0 + until "+" is displayed then enter country/region code
- 2 Enter area code and phone number

**NOTE:** Many countries/regions include an initial "0" in the area code. This should, in most cases, be omitted when dialling international numbers. If you have difficulties making international calls, contact your service provider.

### Emergency Call

To make an emergency call, the antenna (S) must be present

**When SIM is installed;**

enter emergency number 112

**When SIM is not installed;**

enter emergency number 112

OR

(SOS) > "Emergency Call" (Yes)





### Answering Calls



OR

When "Any Key Answer" is ON,

From Idle menu

press any key except

(See "Setting Any Key Answer" on page 28)

#### Ring Volume:

From **My Phone** menu

1 **Sounds > Volume** (Select)

2 Adjust the volume level (OK)

#### Quick Touch Silent Mode:

To quickly set the ring tone off and the vibrator on, press and hold in idle mode.

> ] and [ will be displayed on the idle screen.



### In-Call Options

During a call, (Menu) or (Hold)

(Menu)	Hands Free	Switch to Desktop <b>Hands Free</b>
	Conference	Enable to make a conference call. You can talk with up to 5 parties.
	Call Transfer	Connect your calling party to the other party you are holding, then disconnect your line. (SIM dependent)
	Phone Book	Open SIM Phonebook or Mobile Phonebook
(Hold)	Hold	Put a call on hold. To resume,  (Hold) again.

### Desktop Handsfree

Desktop Handsfree allows you to hold a conversation without holding the phone to your ear.

**NOTE:** Do NOT hold the phone to your ear in Handsfree mode.

#### During a Handheld call:

- 1 (Menu)
- 2 **Hands Free** (Select)

#### During a Handsfree call:

(Menu) > (Select) to revert for Handheld operation



### DTMF Tones

DTMF tones can be sent during conversation. These are often used to access voice mail, paging and computerised home banking. For example, you may need to input a number to remotely access voice mail messages. A phone number may be stored in Phone Book with DTMF tones, allowing the number to be dialled upon recall and the DTMF number to be sent automatically.

Send DTMF Tones During a Call:

Enter digits ( ~ , , )

### Pause Dial

Using pauses allows you to send DTMF tones automatically.

- 1 Enter phone number
- 2 Press and hold until a **P** is displayed at the end of the phone number entered
- 3 Enter DTMF digits after the pause, e.g. enter the number to access voice mail messages
- 4



When the call is successful DTMF tones will be sent after 3 seconds.





### Incoming Call While in a Call

**NOTE:** Call waiting must be on - see "Setting Call Waiting" on page 56. Call waiting is network dependent.


During a call, you may receive another call.

If so,  (Menu) or  (Swap) and select one from the following option:

 (Menu)	Hands Free	Switch to Desktop <b>Hands Free</b>
	Conference	Enable to make a conference call. You can talk with up to 5 parties.
	Call Transfer	Connect your calling party to the other party you are holding, then disconnect your line. (SIM dependent)
	Phonebook	Open SIM Phonebook or Mobile Phonebook
 (Swap)	Swap	Switch between two connected calls

### Making a Second Call

#### *During a call:*

Enter second phone number or recall it from Phone Book   
The first call is put on hold.

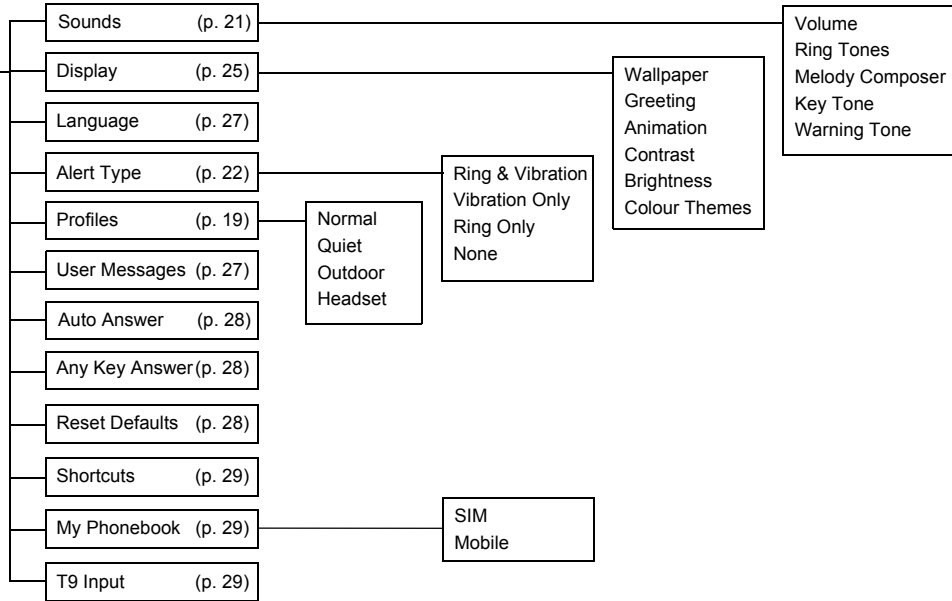
**NOTE:** Making a second call is network dependent.

# My Phone Menu Structure

My Phone



My Phone Menu Structure



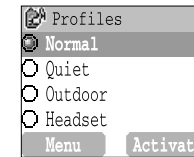
## My Phone

You can switch between four profiles on your phone each with a distinct combination of alert method, ring tone, etc. Profiles are set up for use in different environments – for instance you might want to create **Normal** profile for everyday setting, **Quiet** profile with ring tone appropriate for formal occasions, **Outdoor** profile for loud environments and **Headset** profile with vibrator when it is difficult to hear the ring tone.

### Profile Setting

#### Activating a profile .....

- From **My Phone** menu
- 1 **Profiles** (Select)
  - 2 required profile (Menu)
  - 3 **Activate** (Select)



#### Editing profiles.....

##### Ring Volume

- From **My Phone** menu
- 1 **Profiles** (Select)
  - 2 required profile (Menu)
  - 3 **Change Settings** (Select)
  - 4 **Ring Volume** (Select)
  - 5 Adjust volume level (OK)



### Ring Key Tone

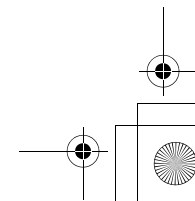
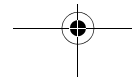
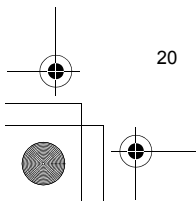
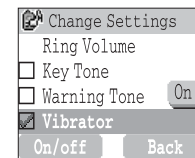
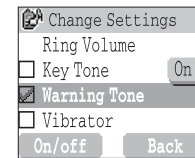
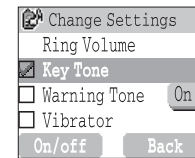
- From **My Phone** menu
- 1 **Profiles** (Select)
  - 2 required profile (Menu)
  - 3 **Change Settings** (Select)
  - 4 **Key Tone** (On/off)

### Warning Tone

- From **My Phone** menu
- 1 **Profiles** (Select)
  - 2 Required profile (Menu)
  - 3 **Change Settings** (Select)
  - 4 **Warning Tone** (On/off)

### Vibrator

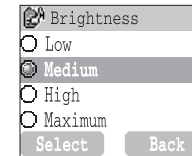
- From **My Phone** menu
- 1 **Profiles** (Select)
  - 2 required profile (Menu)
  - 3 **Change Settings** (Select)
  - 4 **Vibrator** (On/off)



### Brightness

From **My Phone** menu

- 1 **Profiles** (Select)
- 2 required profile (Menu)
- 3 **Change Settings** (Select)
- 4 **Brightness** (Select)
- 5 **Medium, High, Maximum or Low** (Select)



### Sound Setting

Changing the Volume .....

From **My Phone** menu

- 1 **Sounds** (Select)
- 2 **Volume** (Select)
- 3 Adjust the volume level (OK)

Changing the Ring Tone .....

From **My Phone** menu

- 1 **Sounds** (Select)
- 2 **Ring Tones** (Select)
- 3 **Any Call, Group Calls, Alarm or Messages** (Select)
- 4 required ring tone (Select)



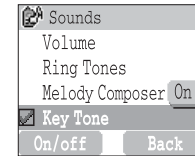
You can change Alert Type:  
- Ring & Vibration  
- Vibration Only  
- Ring Only  
- None



My Phone

### Setting Key Tone.....

- From **My Phone** menu
- 1 **Sounds** (Select)
  - 2 **Key Tone** (On/off)



### Setting Warning Tone.....

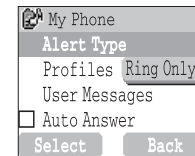
- From **My Phone** menu
- 1 **Sounds** (Select)
  - 2 **Warning Tone** (On/off)

When required, the phone can be set up to vibrate or/and ring when a call is received. You can change Alert Type:

- Ring & Vibration
- Vibration Only
- Ring Only
- None

### Changing Alert Type.....

- From **My Phone** menu
- 1 **Alert Type** (Select)
  - 2 required Alert type (Select)



### Composing a Melody.....

From **My Phone** menu

- 1 **Sounds** (Select)
- 2 **Melody Composer** (Select)
- 3 required MyMusic (Menu)
- 4 **Edit** (Select)
- 5 required track (Menu)
- 6 Compose your melody - See the notes chart below > (Menu)
- 7 **Save** (Select)

You can arrange the **Tempo** and **Select Instrument** before saving.

Using the following table as a reference, enter the notes (from the choice of low, middle and high), rests, and the duration of each, to generate your composition.

Main Track and Sub Tracks will be combined when you return to **MyMusic**.

Key	1	2 abc	3 def	4 ghi	5 jkl	6 mno	7 pqrs	8 tuv
Func	C	D	E	F	G	A	B	Rep.
Key	9 wxyz	0 +	*	# >				
Func	Dotted note	Rest	Duration	Low # Middle # High #				

My Phone



**Rename a melody:**

From My Phone menu

- 1 **Sounds** (Select)
- 2 **Melody Composer** (Select)
- 3 required music (Menu)
- 4 **Rename** (Select)
- 5 Enter a name
  - > To erase a letter, (Clear).
  - > To erase all letters, press and hold (Clear).
- 6 (OK)

**Set to Ringtone:**

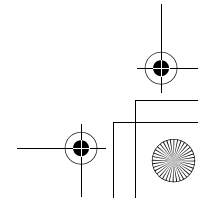
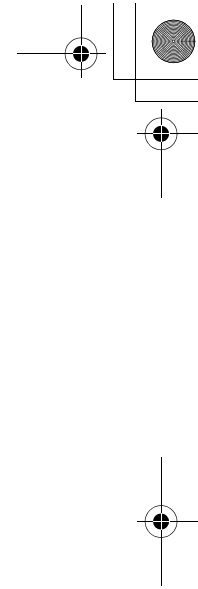
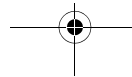
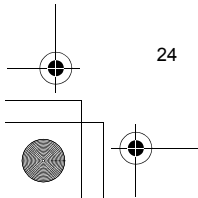
From My Phone menu

- 1 **Sounds** (Select)
- 2 **Melody Composer** (Select)
- 3 required music (Menu)
- 4 **Set to Ringtone** (Select)

**Viewing a melody information:**

From My Phone menu

- 1 **Sounds** (Select)
- 2 **Melody Composer** (Select)
- 3 required music (Menu)
- 4 **Info** (Select)



## Display

You can change the Idle mode wallpaper displayed.

### Setting Wallpaper .....

From **My Phone** menu

- 1 **Display** (Select)
- 2 **Wallpaper** (Select)
- 3 required Wallpaper (Select)
- 4 (On/off)

You can create a greeting message each time your phone is powered on.

### Setting Greeting .....

From **My Phone** menu

- 1 **Display** (Select)
- 2 **Greeting** (Edit)
- 3 Enter the Greeting (OK)
- 4 (On/off)

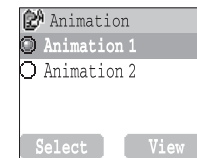


You can change the displays power on Animation Theme.

### Setting Display Animation .....

From **My Phone** menu

- 1 **Display** (Select)
- 2 **Animation** (Select)
- 3 required Animation (Select)





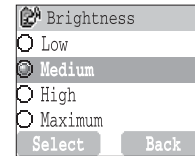
Display colour image can be changed.

### Setting Display Contrast.....

- From **My Phone** menu
- 1 **Display** (Select)
  - 2 **Contrast** (Select)
  - 3 Adjust the contrast (OK)

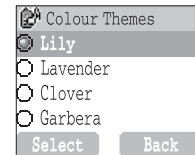
### Setting Brightness .....

- From **My Phone** menu
- 1 **Display** (Select)
  - 2 **Brightness** (Select)
  - 3 required level (Select)



### Setting Colour Themes .....

- From **My Phone** menu
- 1 **Display** (Select)
  - 2 **Colour Themes** (Select)
  - 3 required colour (Select)



It is possible to change the language that the phone uses for display messages.

### Changing the Language.....

From **My Phone** menu

- 1 **Language** (Select)
- 2 required language (Select)

### User messages

There are 10 pre-set common use messages and 5 empty spaces for you to put your own messages. You can also set User Messages at **User Messages** in **Message** menu - see "Editing User Messages" on page 27

### Editing User Messages.....

From **My Phone** menu

- 1 **User Messages** (Select)
- 2 required message or empty space (Select)
- 3 Enter your message (Menu)
  - > To erase a letter, (Clear).
  - > To erase all letters, press and hold (Clear).
- 4 **Save and Send** or **Save** (Select)
- 5 When **Save and Send** is selected, enter destination phone number (OK)



**NOTE:** If the text is wider than the screen display, the text will scroll.

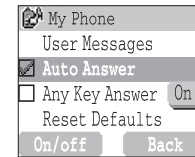
**My Phone**

Auto Answer can be set but only functions when the Personal Handsfree Connector is used.

### Auto Answer

#### Setting Auto Answer.....

From **My Phone** menu  
Ⓜ **Auto Answer** Ⓜ (On/off)

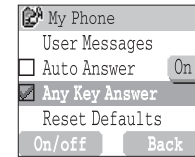


Calls can be answered by pressing any key (except Ⓜ)

### Any Key Answer

#### Setting Any Key Answer.....

From **My Phone** menu  
Ⓜ **Any Key Answer** Ⓜ (On/off)



Any personal settings can be returned to their factory default settings.

### Reset Defaults

#### Reset Defaults.....

From **My Phone** menu  
1 Ⓜ **Reset Defaults** Ⓜ (Select)  
2 **"Restore Factory Settings?"** Ⓜ (No) or Ⓜ (Yes)

You can select any of the following options: **Browser, Games, Phone Book, Language, Alert Type, Sounds, Wallpaper, Profiles, Alarm, Calculator, Scheduler, Inbox, Create, Clock Setting** and Currency to appear in your shortcuts menu

### Shortcuts

#### Setting Shortcuts.....

From **My Phone** menu

- 1 **Shortcuts** (Select)
- 2 required shortcuts (On/off)

#### Access to Shortcuts:

From Idle mode  
 required shortcuts (Select)

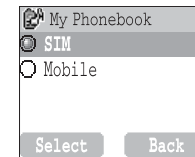
### My Phonebook

#### Setting SIM or Mobile Phonebook .....

You need to select which phonebook is to be used, SIM Phonebook or Mobile Phonebook. You can also set My Phonebook at **My Phonebook** in **Phonebook** - see "My Phonebook" on page 36.

From **My Phone** menu

- 1 **My Phonebook** (Select)
- 2 **SIM/Mobile** (Select)



### T9 Text Input

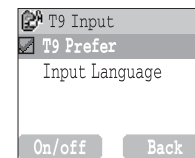
#### Setting T9 Text Input .....

Using this mode of text entry dramatically reduces the number of key presses required:

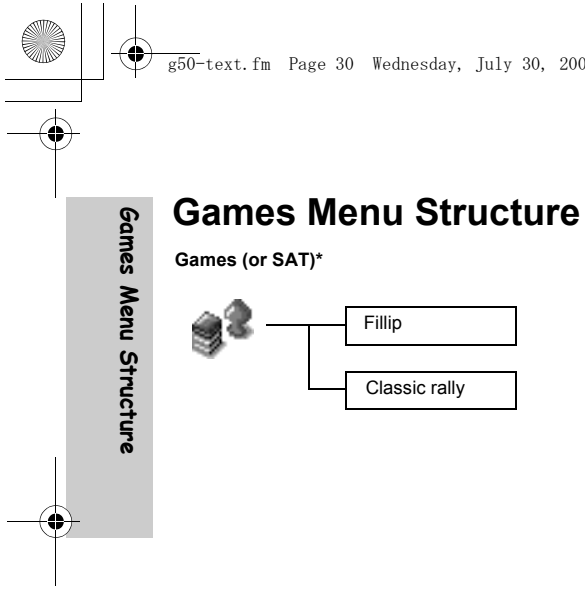
From **My Phone** menu

- 1 **T9 Input** (Select)
- 2 Set **T9 Prefer** on (On/off)
- 3 **Input Language** (Select)
- 4 required language (Select)

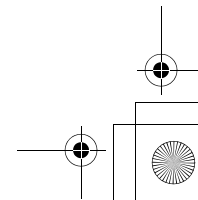
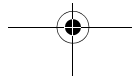
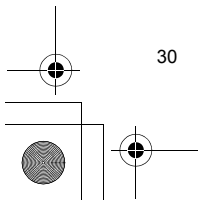
See "Shift mode" on page 53 for detail.







\* SAT (SIM Application Toolkit) is SIM dependent.



## Games

The parts are scattered far and wide and some are stuck in the treetops where aggressive mosquitoes and grouchy birds live, and some have fallen into the water, where they are guarded by fierce piranhas.

The car can slide in the turns if you drive too fast and behaves like a real car. Drive your car as fast as you can. When you pass all the stations, you will get a score.

### Selecting Games

From **Games** menu

required game (Select) from **Fillip** and **Classic rally**..

**NOTE:** Once the power is turned off, High scores or Best scores goes off.

#### Fillip .....

##### Key Operation:

(move left), (move right), (jump), (jump left), (jump right).

##### Starting Games:

Select **Start game** by using (or (Up) and (Down)), then (Select).



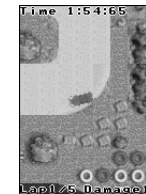
#### Classic rally .....

##### Key Operation:

(Forward), (Turn Left), (Turn Right), (Backward) to move the car.

##### Starting Games:

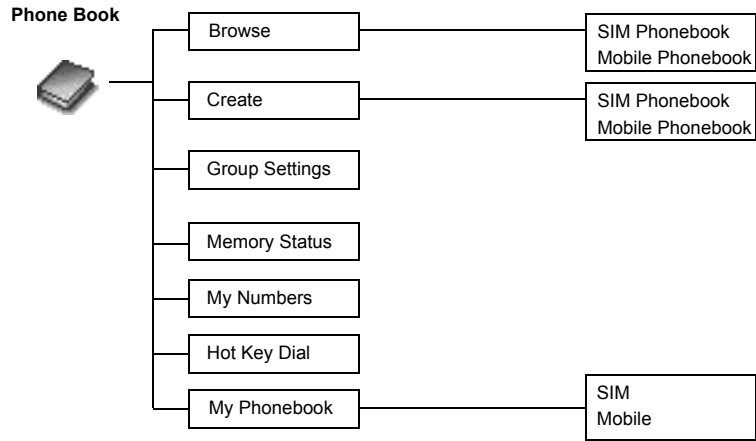
- 1 Select Start Game by pressing any numeric key except (0+)
- 2 To choose your car, (or (4 ghi) or (6 mno)), then (5 jkl) (Select).  
To choose a race course, (or (4 ghi) or (6 mno)), then (5 jkl) (Select)



**NOTE:** If SIM card provides SIM Tool Kit services, this menu will become the STK Menu. You can still access Games from Applications.

Phone Book Menu Structure

# Phone Book Menu Structure



## Phone Book

### Storing

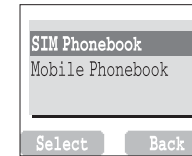
Phone numbers can be stored in SIM or in your phone. In the SIM, you can store or select:

- Phone number
- Name

#### Storing a Number in SIM.....

From **Phone Book** menu

- 1 **Create** (Select)
- 2 **SIM Phonebook** (Select)
- 3 Enter **Name** > Phone number
- 4 (Save)  
> "Saved in SIM" is displayed.



**NOTE:** The length and amount of data is SIM dependent.

In the phone, you can store:

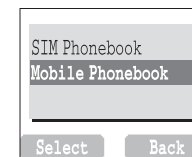
- Name
- 3 Phone Numbers (Phone, office, mobile)
- Caller's ID
- Groups
- Melodies

The entries can be grouped together and these are retained even if you damage the SIM.

#### Storing a Number in Mobile Phonebook.....

From **Phone Book** menu

- 1 **Create** (Select)
- 2 **Mobile Phonebook** (Select)
- 3 Enter **Name**
- 4 Enter **Phone Number**
- 5 (Set) required **Caller's ID Image** (Select)
- 6 (Set) required **Group** (Select)
- 7 (Set) required **Melody** (Select)
- 8 When entries are completed, (Save)  
> "Save in Mobile" is displayed.



Phone Book

You can search Phonebook by name.

### Viewing

#### Browsing the Phone Book.....

From **Phone Book** menu

- 1 **Browse > SIM Phonebook or Mobile Phonebook** (Select)
- 2 Search the name you wish to browse (View)

### Options in Phone Book

From **Phone Book** menu

- 1 **Browse > SIM Phonebook or Mobile Phonebook** (Select)
- 2 required contact (Menu)

The following options are available by pressing (Select)

<b>Edit</b>	Edit the selected Phone Book entry
<b>Delete</b>	Delete the selected Phone Book entry
<b>Delete All</b>	Delete all Phone Book entries
<b>Copy to Mobile/SIM</b>	Copy a contact to Mobile/SIM Phonebook
<b>Copy All to Mobile/SIM</b>	Copy all Phone Book to Mobile/SIM Phonebook
<b>Search</b>	Search for a desired item in Mobile/SIM Phonebook by entering the name.

### Group Settings

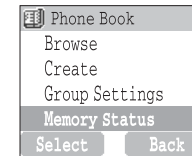
You can view or set a menu from **View Group**, **Set Ring Tone** and **Remove Entries**.

## Memory Status

Memory status shows how many locations are available in the Phone Book.

### Viewing Memory Status.....

From **Phone Book** menu  
1 **Memory Status** (Select)

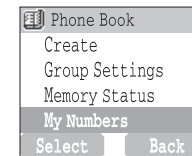


## My Numbers

My Number is a phonebook where you can store your numbers.

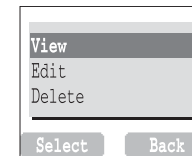
### Setting My Numbers.....

- From **Phone Book** menu
- 1 **My Numbers** (Select)
  - 2 required entry (Menu)
  - 3 **Edit** (Select)
  - 4 Enter your phone number
  - 5 Enter your name (Save)



### Viewing My Numbers.....

- From **Phone Book** menu
- 1 **My Numbers** (Select)
  - 2 required entry (View)



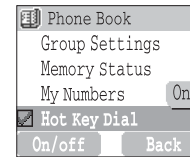
Phone Book

Phone numbers stored at locations 001 - 009 in the Phonebook can be dialled quickly.


### Hot Key Dial

#### Setting Hot Key Dial .....

From **Phone Book** menu  
1 **Hot Key Dial** (On/off)



#### Making a Call by Using Hot Key Dial .....

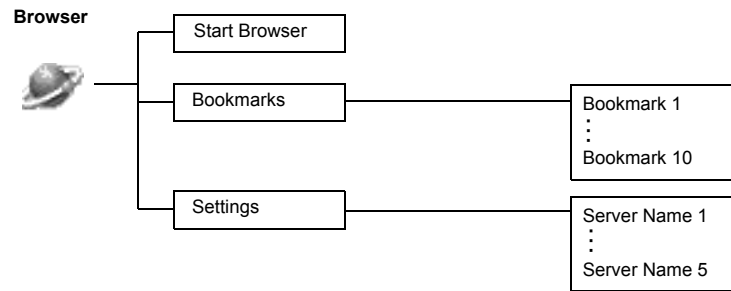
From **Idle** mode  
1 Press and hold a digit key (1-9)  
2 Press 

### My Phonebook

This option allows you to select which phonebook will be displayed. SIM or Mobile.

From **Phone Book** menu  
1 **My Phonebook** (Select)  
2 **SIM or Mobile** (Select)  
> Please refer to "My Phonebook" on page 29.

## Browser Menu Structure





## Browser

The phone's WAP (Wireless Application Protocol) Browser enables you to access Internet services supported by the network, such as news, weather reports, sport etc.

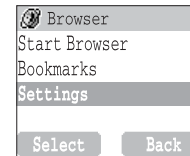
### Server Setting

Before Internet services can be accessed, you need to subscribe to your network operator or Internet Service Provider (ISP) to enable the relevant configuration information. Please contact your network service provider to ensure that your network settings are correct.

**NOTE:** Modifying previously entered settings can cause failure of the Browser.

From **Browser** menu

- 1 **Settings** (Select)
- 2 to select required server (Edit)



Five server settings can be set up in the phone. If you find your server's name under the settings option, select the server and (Edit). If no settings are present contact your Network Service Provider for these settings. (Server Name, IP Address, IP Port, Homepage, Linger Time, CSD Setting)





**NOTE:** You need to set **CSD Setting** in Phone Option before setting the server information.

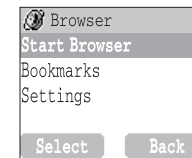
Those configuration Options will be given by Network service provider. Once completing the entry, press (Save) then press (Activate).

The first time that the browser is activated there will be no content stored so the Home URL content will be displayed (as defined by the network operator). The Home URL will be recalled from the cache, each time the browser is activated. (Cache is the phone's memory that stores content downloaded in the past).

## WAP Activating

From **Browser** menu

- 1  **Start Browser**  (Select)
- 2 Please follow to the instructions on the display.
  - > While browsing a homepage, press  and you can select the following menus.
  - > To end Browser, press and hold .



<b>Home</b>	Jump to the homepage which is set in <b>Settings</b>
<b>Bookmarks</b>	Select one from your setting bookmarks and jump
<b>Save Items</b>	Save items in your browsing homepages
<b>Reload</b>	Reload the browsing homepage
<b>Go To URL</b>	Enter a URL and jump to the homepage
<b>Show URL</b>	Display the URL of the browsing page
<b>SnapShots</b>	Capture the screen of your browsing page
<b>Advanced</b>	<b>Inbox, Restart Browser</b> and <b>About</b> are available to select
<b>Settings</b>	<b>Scroll Mode, Downloads, Security</b> and <b>Send Referrer</b> are available to set

**Browser**








Once you mark on your favourite page, you can quickly jump to the page.

### Bookmarks

#### Setting Bookmark .....

##### *Entering URL from Browser menu:*

From **Browser** menu


- 1  **Bookmarks**  (Select)
- 2  required empty Bookmark  (Menu)
- 3  **Edit**  (Select)
- 4 Enter Title and URL  (Save)

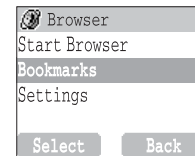
##### *Setting Bookmark from Homepage:*

- 1  >  **Bookmark**
- 2 **Mark Site** > 
- 3 Enter **Folder** and **URL**
- 4  (Save)

#### Browsing Bookmark .....

From **Browser** menu

- 1  **Bookmarks**  (Select)
- 2  required Bookmark  (Launch)



## Key Guard

The Key Guard function is used to prevent any keys from being accidentally pressed e.g. when the phone is being carried.

### Setting Key Guard .....

From **Key Guard** menu

(Yes) or (No)

- > When Key Guard is enabled, appears on the display.
- > Emergency calls still can be made.
- > When a call is received Key Guard will be disabled temporarily, allowing the user to answer the call.



**NOTE:** When making emergency calls with the "Key Guard" enabled, there will be no visual indication that the number is being dialled

### Disabling Key Guard .....

When **Free** is displayed on the idle screen,

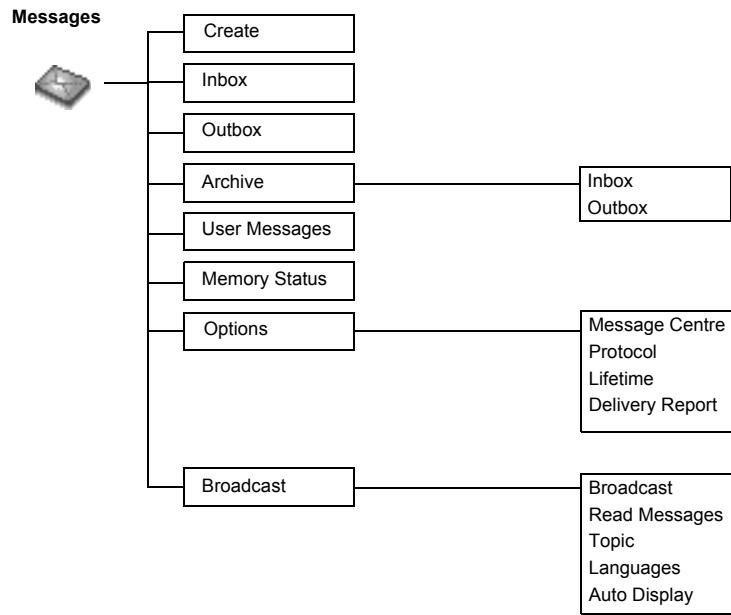
1 (Free)

2 "Press OK to Free keypad" (OK)

Key Guard

Messages Menu Structure

## Messages Menu Structure



# Messages

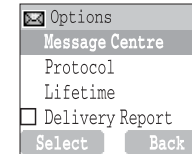
It is possible to receive, display, edit and/or send text messages of up to 1520 characters in ten messages (Dependent upon the language being used), to any network that has a roaming agreement. (Dependent on the recipient's phone Options.) Before sending a message, you need to enter the Message Centre number into Options.

## SMS

### Setting the Message Centre Number.....

From **Messages** menu

- 1 **Options** > **Message Centre** (Select)
- 2 Enter message centre number in international dial format  
(see "International Dialling" on page 13) (OK)

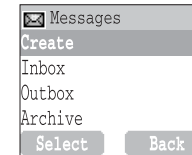


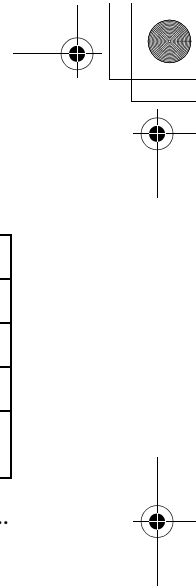
**NOTE:** When the Message Centre Number has been pre-installed, please do not change the number.


### Creating a New Short Text Message.....

From **Messages** menu

- 1 **Create** (Select)
- 2 Create your text message – max. 1520 characters  
(see "Text Entry", page 52) (Menu)
- 3 **Send** (Select)
- 4 Enter the destination phone number (OK)  
OR  
Recall a number from the Phonebook (Names) >  
required name (Select) > (OK)












When you create a text, these options are available by  (Menu).

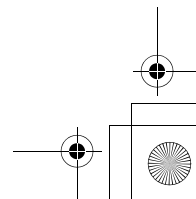
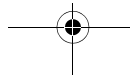
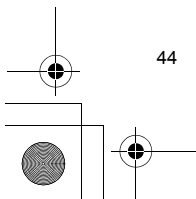
<b>Send</b>	Send a text as Short Text message
<b>Save</b>	Save a text in Outbox in SIM
<b>Save and Send</b>	Save a text in the Outbox in SIM and send
<b>Picture &amp; Sound</b>	Add picture and/or sound to a text
<b>User Messages</b>	Use a short message stored in this phone For editing the User Message, see "Editing User Message" below

### Editing User Messages .....

From **Messages** menu

- 1  **User Messages**  (Select)
- 2  required message  (Select)
- 3 Edit the message  (Menu)
-  **Save or Save and Send**  (Select)

**NOTE:** If the text is wider than the screen display, the text will scroll.



When a Short Text Message is received, the message indicator will flash on the display, with an audible tone.

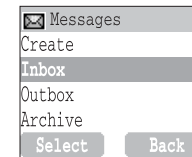
N is flashed when an unread message is stored in Inbox. When unread messages are full in Inbox, N lights.

### Reading a Received Message .....

From **Messages** menu

- 1 **Inbox** (Select)
- 2 required message (Read)

> Inbox: The received message does stored to **Inbox** in **Messages**.



**NOTE:** If the message indicator is displayed constantly (does not flash), this means that the message area is full and you need to delete old messages in order to receive new messages.

When reading messages, the following options are available by (Menu)

<b>Delete</b>	Delete a message
<b>Reply</b>	Create a replying SMS
<b>Forward</b>	Forward a message to another phone
<b>Edit</b>	Edit a message and save or/and send to another
<b>Delete All</b>	Delete all messages in Inbox
<b>Extract Number</b>	Extract numbers in messages and save in Phonebook
<b>Move to Archive</b>	Move a message into Inbox in Archive





### Viewing Message Lists in Outbox.....

To view message lists which are stored in SIM.

➤ Outbox: The transmitted message does stored to **Outbox** in **Messages**.

From **Message** menu

- 1 **Outbox** (Select)
- 2 required message (Read)

When reading a message, the following options are available by (Menu)

<b>Delete</b>	Delete a message
<b>Edit</b>	Edit a message and save or/and send to another
<b>Send</b>	Send a SMS message after entering a recipient number
<b>Delete All</b>	Delete all messages in Inbox
<b>Extract Number</b>	Extract numbers in messages and save in Phonebook
<b>Move to Archive</b>	Move a message from Inbox to Inbox in Archive

### Viewing Message Lists in Archive .....

To view message lists which are stored in Archive.

- > **Inbox**: When the message received in Inbox of **Messages** is preserved, stored is done to **Inbox** in **Archive**.
- > **Outbox**: When the message transmitted in Outbox of **Messages** is preserved, stored is done to **Outbox** in **Archive**.

From **Message** menu

- 1 **Archive** (Select)
- 2 **Inbox/Outbox** (Select)
- 3 required message (Select)

When reading a message, the following options are available by (Menu)

<b>Delete</b>	Delete a message
<b>Edit</b>	Edit a message and save or/and send to another
<b>Forward</b>	Forward a message to another phone
<b>Delete All</b>	Delete all messages in Inbox

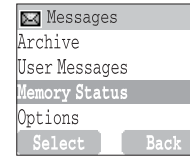
Messages

Messages

Memory status shows how many locations are left to store messages in the Inbox.

### Viewing Memory Status.....

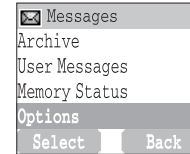
From **Messages** menu  
Ⓜ **Memory Status** (Select)



### Options

#### Setting Options.....

From **Messages** menu  
Ⓜ **Options** (Select)



The following options are available:

<b>Message Centre</b>	Edit Message Centre number
<b>Protocol</b>	Select required Message Type from <b>Standard Text, Fax, X.400, Paging, E-mail, ERMES, Voicemail</b>
<b>Lifetime</b>	Select maximum or choose a time limit for sending messages
<b>Delivery Report</b>	Request a delivery report on the status of a sent message

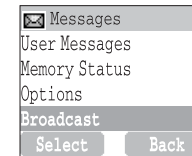
## Broadcast

You can receive your favourite information regularly from your service provider. You need to specify the "topic(s)" of information and the language that you wish to receive as broadcasts and tick the "Broadcast" on before you can receive them.

### Setting Broadcast.....

From **Messages** menu

- 1 **Broadcast** (Select)
- 2 **Broadcast** (On/off)



### Setting Topic .....

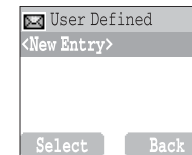
From **Messages** menu

- 1 **Broadcast > Topic > Current** (Select)
- 2 required **Topic** (Menu)
- 3 **Add or Delete** (Select)

### Setting User defined Topic.....

From **Messages** menu

- 1 **Broadcast > Topic > User Defined > <New entry>** (Select)
- 2 **Enter Msg ID** (OK)
- 3 **Enter Name** (OK)
- 4 **Current** (Select)
- 5 **<Add Topic>** (Select)
- 6 required **Topic** (Select)

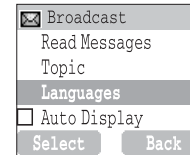


Messages

### Setting Language.....

From **Messages** menu

- 1 **Broadcast** (Select)
- 2 **Languages** (Select)
- 3 required Language (Select)
- 4 To continue to add languages;  
**Insert** (Select)  
To complete adding language;  
**Add to End** (Select)



### Viewing Broadcast.....

From **Messages** menu

- 1 **Broadcast > Read Messages** (Select)
- 2 To scroll to the available topics (Next)

**NOTE:** This function will depend on your Network Service Operator.

In idle mode, the latest Info Message is displayed on your phone automatically.

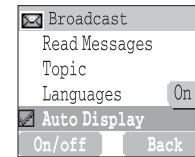
## Auto Display

### Setting Auto Display .....

From **Messages** menu

1 **Broadcast** (Select)














2 **Auto Display** (On/off)



Messages

## Text Entry

You can use alphanumeric characters to enter details into the Phonebook, to create text, etc.

Key	Text Mode		Numeric (0 ~ 9)
	T9®(T9Abc, T9ABC, T9abc) (Input language: English)	Multi tap (Input mode indicator: Abc, ABC or abc)	
 0 +	Punctuation 1	Space 0 . , ? ! + - = : ; ' " - ' ; _	0
 1	Punctuation 2	1 / ( ) < > [ ] { } ' & % ~ € &	1
 2 abc	A B C (a b c)	A B C 2 Ä (a b c 2 ä à ç)	2
 3 def	D E F (d e f)	D E F 3 É (d e f 3 é è)	3
 4 ghi	G H I (g h i)	G H I 4 (g h i 4 i)	4
 5 jkl	J K L (j k l)	J K L 5 (j k l 5)	5
 6 mno	M N O (m n o)	M N O 6 Ö Ñ (m n o 6 ö ñ ó)	6
 7 pqrs	P Q R (p q r s)	P Q R S 7 (p q r s 7 ß)	7
 8 tuv	S T U (t u v)	T U V 8 Ü (t u v 8 ü ù)	8
 9 wxyz	V W X Y Z (w x y z)	W X Y Z 9 Æ Ø Å (w x y z 9 æ ø å)	9
	Shift mode	Shift mode	
	* Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω	* Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω	*
 # z	Alternatives / (Hold) Space # £ \$ ¥ ¢ @ \ \$ ^	Alternatives / (Hold) Space # £ \$ ¥ ¢ @ \ \$ ^	#

**Note:** Displayed characters of T9® varies depending on Input language selection.

## Shift mode

### Shift mode change.....

Shift mode changes by pressing (within 1 sec)  key.

Multi tap	Tegic
Abc -> ABC -> abc	T9Abc -> T9ABC -> T9abc

If Input mode is changed, Shift mode is initialised.


### Auto capital change.....

Auto capital effects Abc or T9Abc.

If Input mode changes Abc or T9Abc, the first character is inputted with the capital letter and next character is inputted with the small letter. (Input mode indicator changes abc or T9.)


If these characters [. (Period) or! Or?] are inputted, the next character is inputted with the capital letter. (Input mode indicator changes Abc or T9Abc.)

## Tegic

**User Dictionary of Tegic**When edit mode is finished, All words in editor are registered in User Dictionary of Tegic. Text Input To On/Off T9 mode, press .

### T9@ Text Input .....

Using this mode of text input dramatically reduces the number of key presses required:







Press a key once for any letter you require on that key. The desired letter may not be displayed. Continue pressing other keys until the end of a word is reached; then check that the word has been typed correctly before continuing on to the next word. If the combination of letters typed has produced a word which is not the one you require, press  repeatedly until the correct word is displayed. Continue to the next word.



**Text Entry**

**Example of Typing in T9 Mode**

To type a new message, follow these steps:

1. At the beginning of a new message press and hold  (Clear) to delete previous text, if necessary.
2. Press  to change letter case, if necessary
3. Press     "Call" is displayed.

Notice that the displayed words change as you type, always type to the end of the word before editing.

**T9®** Languages can be selected from T9 Input -see "Setting T9 Text Input" on page 29.

If the word you require is not in the internal dictionary then it should be entered using the Multi tap (ABC) mode.

**Other Text Modes** .....

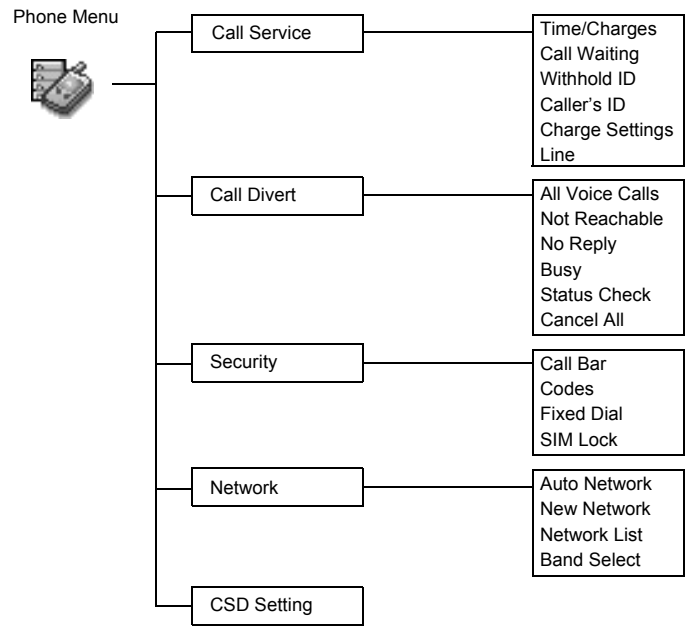
Select text mode (displayed in Information area on screen)

**Multi tap mode (Abc, ABC or abc):**

Each time a key is pressed in quick succession it displays the next character available on that key. Releasing the key or pressing another key enters the character displayed. The cursor moves to the next position.

In T9 (Abc) or Multi tap (Abc) mode, the first entered letter in a sentence is capital.

## Phone Option Menu Structure



Phone Option Menu Structure

## Phone Option

The duration of the **Last Call** and **All Voice Call** will be displayed. When the **Max Cost** is on, the remaining units will be displayed.

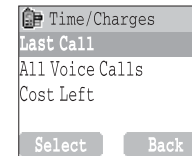
### Call Service

#### Viewing Time/Charges .....

From **Phone Option** menu

- 1 **Call Service > Time/Charges** (Select)
- 2 required service **Last Call, All Voice Calls** or **Cost Left** (Select)

<b>Last Call</b>	Display the duration of Last Call
<b>All Voice Call</b>	Display the sum of the duration for the all voice calls
<b>Cost Left</b>	When <b>Max Cost</b> is on, display the remaining units. For setting the <b>Max Cost</b> , please refer to "Setting the Maximum Cost:" on page 58.

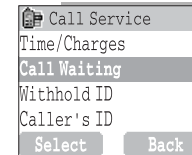


If Call Waiting is switched on, a second call can be received.

#### Setting Call Waiting .....

From **Phone Option** menu

- 1 **Call Service > Call Waiting** (Select)
- 2 **Set** (Select)

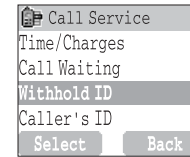


**Withhold ID** allows you to prevent showing your name or/and number to your calling party. **Caller's ID** allows to display Caller's name or/and number on your display.

### Withhold ID /Caller's ID .....

From **Phone Option** menu

- 1 **Call Service** (Select)
- 2 **Withhold ID or Caller's ID** (Select)



**NOTE:** When checking the status the phone must be registered with a network.

Firstly, Personal rate must be entered. This is the cost that the Service Provider charges for one unit of call time.

### Charge Settings.....

#### **Setting Currency:**

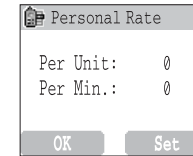
From **Phone Option** menu

- 1 **Call Service > Charge Settings** (Select)
- 2 **Currency** (Select)  
Current Setting is displayed
- 3 (Set) > Enter PIN2 code (OK)
- 4 Enter currency units (max.3 characters) (OK)

#### **Setting Personal Rate:**

From **Phone Option** menu

- 1 **Call Service > Charge Settings > Personal Rate** (Select)
- 2 (Set)
- 3 Enter PIN2 code (OK)
- 4 Press required personal rate (OK)



**NOTE:** When you set the unit price, you will be asked to enter your PIN2.

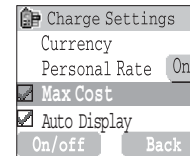
Phone Option

This function allows you to pre-set the maximum cost of calls allowed.

**Setting the Maximum Cost:**

From **Phone Option** menu

- 1 **Call Service > Charge Settings** (Select)
- 2 **Max Cost** (Set)
  - > Current setting is displayed.
- 3 (Edit) > Enter PIN2 code (OK)
- 4 (Set) > **On** (Select)
- 5 Enter **Credit Limit** > (OK)

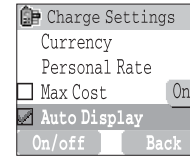


**NOTE:** The duration of one unit may vary during the day, peak and off-peak times. Therefore, the call charge can be calculated accordingly. However, call charge information may not give an accurate reflection of the tariffs charged by your Service Provider.

**Setting Auto Display:**

From **Phone Option** menu

- 1 **Call Service > Charge Settings** (Select)
- 2 **Auto Display** (On/off)



**Setting Phone Line**

From **Phone Option** menu

- 1 **Call Service > Line** (Select)
- 2 **Line 1/Line 2** (Select)

Only when your SIM is corresponding to CPHS and Line 1/2 function, this menu is selectable.

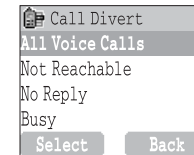
## Call Divert

Voice call can be diverted using different circumstances and to different numbers. For example you may wish voice calls to be diverted to voicemail box when the phone is switched off.

### Setting Call Divert.....

From **Phone Option** menu

- 1 **Call Divert** (Select)
- 2 the circumstances to initiate the divert (Select)
- 3 required operation from **Set**, **Clear**, or **Check Status** (Select)
- 4 Enter phone number to divert to



- > When a divert situation is enabled the divert icon () is displayed.
- > When updating or checking the status of **Call Divert** the phone must be registered with a network. ()

<b>All Voice Calls</b>	Divert all incoming voice calls
<b>Not Reachable</b>	While your phone is disconnected, divert incoming voice calls
<b>No Reply</b>	While you are not able to reply incoming calls, divert the calls
<b>Busy</b>	While you are busy on line, divert incoming another voice call
<b>Status Check</b>	Check the current status for Call Divert
<b>Cancel All</b>	Cancel the all Divert Call setting

Phone Option

**Phone Option**

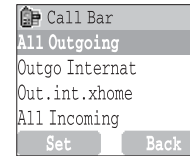
Call Barring restricts certain outgoing and/or incoming calls using a password supplied by your service provider. When updating/checking the status of Call Bar the phone must be registered with a network.

**Security**

**Setting Call Bar** .....

From **Phone Option** menu

- 1 **Security > Call Bar** (Select)
- 2 required setting from the menus showing below (Set) or (Select)
- 3 required operation from **Set, Clear or Check Status** (Select)
- 4 Enter required password (Select)



<b>All Outgoing</b>	All Outgoing calls are barred
<b>Outgo Internat</b>	International Outgoing calls are barred
<b>Out.int.xhome</b>	International Outgoing calls except home are barred
<b>All Incoming</b>	All Incoming calls are barred
<b>When Roaming</b>	All internal incoming calls when roaming outside the home PLMN
<b>Status Check</b>	Call bar status is displayed
<b>Cancel All</b>	Cancel all setting in Call Bar
<b>Password</b>	Change Call Bar Password

The PIN protects your SIM against unauthorised use. If you enable the PIN, every time the phone is switched on you will be prompted to enter the PIN.

The PIN2 controls security for the Fixed Dial Store, Call Charge metering and Barred Dial.

If either PIN/PIN2 is entered incorrectly 3 times the phone will be locked and the user will need to enter the PUK/PUK2 code.

Contact the service provider for the PUK/PUK2 code.

## Codes

### Change Phonecode.....

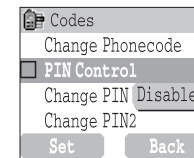
From **Phone Option** menu

- 1 **Security > Codes** (Select)
- 2 **Change Phonecode** (Select)
- 3 Enter New Phonecode (OK) x2

### Enabling/Disabling the PIN.....

From **Phone Option** menu

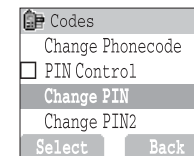
- 1 **Security > Codes** (Select)
- 2 **PIN Control** (Set)
- 3 Enter PIN number (OK) x2



### Changing the Security Code.....

From **Phone Option** menu

- 1 **Security > Codes** (Select)
- 2 **Change PIN or Change PIN2** (Select)
- 3 Enter the current code (OK)
- 4 Enter the new code (OK)
- 5 Enter the new code to verify (OK)



**Note:** If the PUK/PUK2 code is entered incorrectly 10 times, the phone will cease to operate permanently. All information stored in the SIM will be lost and the SIM will need to be replaced. Contact the service provider for more detail.



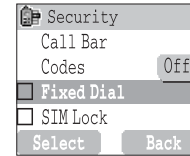
Phone Option

Fixed Dial is a part of the Phonebook, but with added security. Only numbers that are in the Fixed Dial Store may be dialed.

Setting Fixed Dial.....

From **Phone Option** menu

- 1 **Security** (Select)
- 2 **Fixed Dial** (Select)
- 3 Enter PIN2 code (OK)

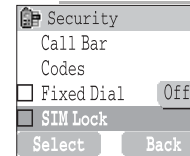


- > Any manually dialed phone numbers must be the same as the numbers in the Fixed Dial Store.
- > A phone number may be stored, edited or deleted. You will be prompted for your PIN2 code.

Setting SIM Lock.....

From **Phone Option** menu

- 1 **Security** (Select)
- 2 **SIM Lock** (Select)
- 3 Enter Phonecode (OK)



**Note:** You are recommended to write down your Phonecode to remember. In case you forget your phone code, you will need to send back your SIM to its maker to unlock the SIM.

## Network

Manually select a network that is available in your current location.

### Network setting .....

From **Phone Option** menu

- 1 **Network** (Select)
- 2 required option (On/off) or (Select)

<b>Auto Network</b>	Set "Auto Network" On or Off.
<b>New Network</b>	When "Auto Network" is on; Search an available network automatically. When "Auto Network" is off; Select a network manually
<b>Network List</b>	Create and edit a network list according to your preferences.
<b>Band Select</b>	Choose a network band: 900/1800, 900/1900, 900, 1800, 1900MHz.

## CSD Setting

You need to complete CSD setting before setting your server.  
- see "Server Setting" on page 38.

### Connection Setting .....

You can set CSD setting when connecting to network.

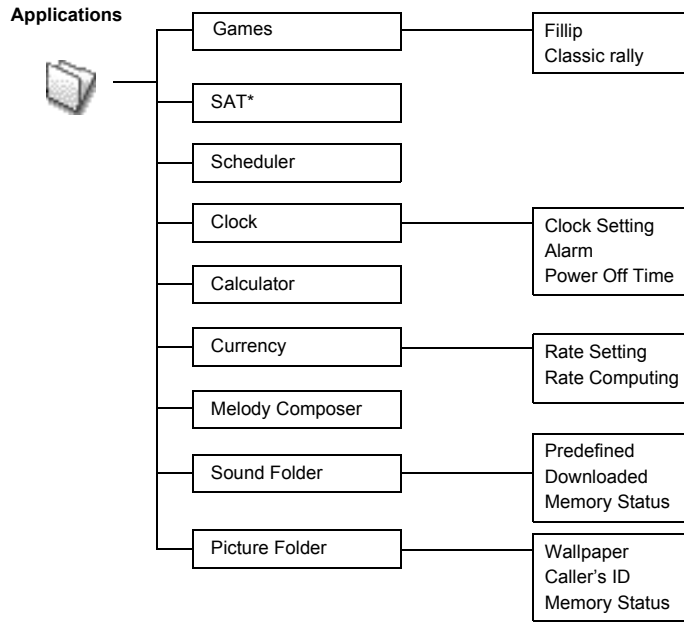
From **Phone Option** menu

- 1 **CSD Setting** (Select)
- 2 required setting (Select)
- 3 when all the data are entered, (Save)

<b>Server Name</b>	Enter Server Name
<b>Call Type</b>	Select ISDN or Analog
<b>Dial Number</b>	Enter the common numbers in Digital and Analogue.
<b>Login Name</b>	Enter Login ID
<b>Password</b>	Enter Password

Phone Option

## Applications Menu Structure







**\*NOTE:** SAT (SIM Application Toolkit) is SIM dependent

## Applications

### Games

From **Applications** menu

- 1  **Games**  (Select)
- 2  required game  (Select).

> Please refer to "Games" on page 31.

### SAT (SIM Application Toolkit)

This function is SIM dependent.



Applications








The Scheduler can be used to register reminders for personal events as well as planning holiday periods. Set clock first. In the Scheduler, you can store:

- Type (Memo or Meeting)
- Description
- Start Date
- Start Time
- End Date
- End Time

### Scheduler

#### Editing Scheduler .....

From **Applications** menu

- 1  **Scheduler**  (Select)
- 2  to select **Week** or **Month** format.
- 3  Use numerical keys 2, 8, 4, 6 to move the cursor  
↑, ↓, ←, → to select a day.  (Agenda)
- 4 For the first time entry, **New Entry** appears  (Select)
- 5 Enter required information
- 6  (Save).

**Note:** Ensure that the setting of the Scheduler will not contravene any regulations whereby it may automatically power on when in an aircraft or medical facility etc. - see "Important Information" on page 1

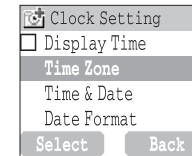
## Clock

Before setting Time & Date, set Time Zone of your region or the city which has same time zone as your region. When travelling abroad, your home time can be changed to your destination time.

### Time Zone Setting.....

From **Applications** menu

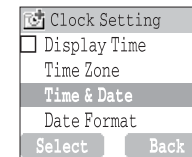
- 1 **Clock > Clock Setting > Time Zone** (Select)
- 2 required region (Select)
- 3 (Yes) or (No) to select **"Day Light Saving?"**
- 4 **"Set This City to Local"** (OK)
- 5 **"Success!"** (OK)



### Time & Date Setting .....

From **Applications** menu

- 1 **Clock > Clock Setting > Time & Date** (Select)
- 2 (Set) enter the digits for the time (OK)



Time and date can be shown on the display in idle mode.

### Time Display Setting.....

From **Applications** menu

- 1 **Clock > Clock Setting** (Select)
- 2 **Display Time** (On/off)

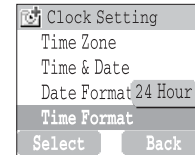
Applications

Display format for time and date can be selected.

Date Format/Time Format .....

From **Applications** menu

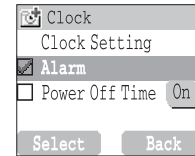
- 1 **Clock > Clock Setting > Date Format or Time Format** (Select)
- 2 required format (Select)



Alarm Setting .....

From **Applications** menu

- 1 **Clock > Alarm** (Select)
- 2 (Set) > Enter the digits for the time (24 hour clock) (OK)
- 3 chose the repeat format from **Repeat Daily, Once or Disabled** (Select)
- 4 **"Alarm Time Has Been Updated!"** (OK)



- > Alarm set indicator ? appears on idle display.
- > When the set time is reached, the alarm will sound. If the alarm is due during a call, an alarm indicator ? will be displayed.

**To end alarm:**

Press any key or (Off)  
 OR (Pause) to pause the alarm and start again after 5 minutes

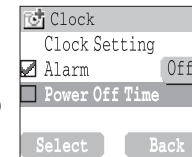
**NOTE:** Ensure that the setting of the Alarm will not contravene any regulations whereby it may automatically power on when in an aircraft or medical facility etc. - see "Important Information" on page 1.

The phone can be set to turn itself off automatically at a specified time using the Power Off feature. The procedure for setting/adjusting the Power Off automatically is similar to the setting of Alarm.

### Power Off Time.....

From **Applications** menu

- 1 **Clock > Power Off Time** (Select)
- 2 Enter the digits for the time (24 hour clock) (OK)
- 3 choose the repeat format from **Repeat Daily, Once or Disabled** (Select)
- 4 "Power Off Time Setting Updated!"

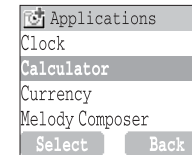


The four function calculator will enable the user to perform simple arithmetic calculations (addition/subtraction/multiplication and division).

### Calculator

From **Applications** menu

- 1 **Calculator** (Select)
- 2 Enter a number (maximum 7 digits) and it will be displayed on the upper right of the display. When a decimal point is required, press  $\frac{\#}{x}$ , when a minus sign is needed press  $\frac{\#}{*}$ .
- 3 to select the arithmetic operation
- 4 Enter a number (maximum 7 digits) and it will be displayed next to the operation symbol.  
If is used to select another arithmetical operation to perform, an intermediate calculation will be performed and the result displayed on the top line.
- 5 (=) to calculate











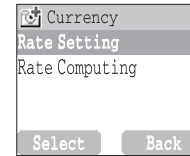
The currency converter enables you to convert from/to a home currency using a conversion rate that you enter.

### Currency

#### Setting the currency value.....






From **Applications** menu

- 1  **Currency**  (Select)
- 2  **Rate Setting**  (Select)
- 3 On the right side of the screen, enter your home currency rate to the currency which you want to convert with  (OK)
- 4  (Save)



#### Rate Computing.....

From **Applications** menu

- 1  **Currency**  (Select)
- 2  **Rate Computing**  (Select)
- 3 Enter the amount of currency which you want to convert into your home currency  (Convert)

### Melody Composer

Please refer to "Composing a Melody" on page 23.

## Sound Folder

You can find lists of predefined sound and downloaded sound in the Sound Folder. You can play the sound and set one as your Ringtone.

### Setting RingTone:

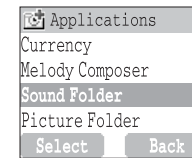
From **Applications** menu

- 1 **Sound Folder** (Select)
- 2 **Predefined or Downloaded** (Select)
- 3 required sound (Menu)
  - > To see the information of the selected RingTone, **Info** (Select)
  - > To back to the previous menu, (OK)
- 4 **Set to Ringtone** (Select)

### Viewing Memory Status:

From **Applications** menu

- 1 **Sound Folder** (Select)
- 2 **Memory Status** (Select)
  - > **Free Space** and **Total Used** are displayed.
  - > To back to the previous menu, (OK)



Applications

Applications

You can find lists of predefined pictures and downloaded pictures in both Wallpaper folder and Caller ID folder. You can view those pictures, and also set one of them for the idle screen.

The amount of the use of the memory of the remainder might not become "0" because of data for management. This user memory is used for Melody composer.

### Picture Folder

#### Setting Wallpaper:

From Applications menu

- 1 **Picture Folder** (Select) > **Wallpaper** (Select)
- 2 **Predefined or Downloaded** (Select)
- 3 required picture (Menu)
  - > To see the large picture, **View** (Select)
  - > To back to the previous menu, (Back)
- 4 **Set to Wallpaper** (Select)

#### Viewing Picture of Caller's ID:

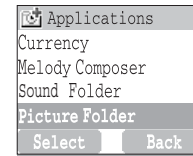
From Applications menu

- 1 **Picture Folder** (Select) > **Caller's ID** (Select)
- 2 **Predefined or Downloaded** (Select)
- 3 required picture (Menu)
- 4 **View or Info** (Select)
  - > To back to the previous menu, (Back)

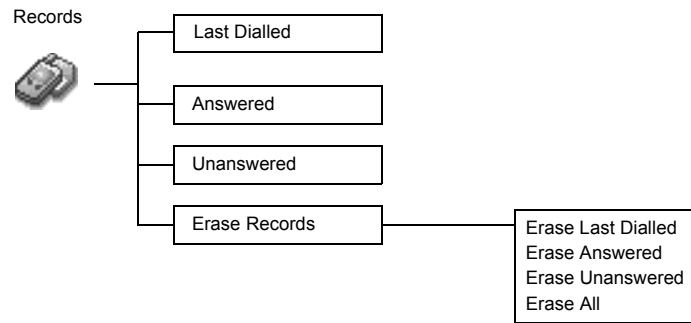
#### Viewing Memory Status:

From Applications menu

- 1 **Sound Folder** (Select)
- 2 **Memory Status** (Select)
  - > **Free Space** and **Total Used** are displayed.
  - > To back to the previous menu, (OK)



## Records Menu Structure



Records Menu Structure

Records

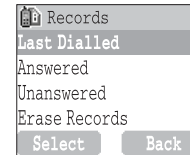
## Records

If Caller Identification is known, caller's phone number, for an answered call will be stored in the **Answered menu** and an unanswered call will be stored in the **Unanswered menu**.

### Calling for the Last Dialed/Answered/Unanswered number .....

From **Records** menu

- 1 Choose one menu from **Last Dialed**, **Answered** or **Unanswered** (Select)
- 2 required phone number (or name) you wish to redial .  
OR  
In idle, to view the last dialed numbers directly.



#### To save a record in Phonebook:

After selecting desired number,

(Menu) > **Save** (Select) > **SIM Phonebook** or **Mobile Phonebook** (Select)

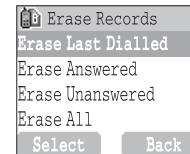
Enter Name and Phone number (Save).

**NOTE:** When the store is full the next phone number will overwrite the oldest.

### Erasing Records .....

From **Records** menu

- 1 **Erase Records** (Select)
- 2 Choose one menu from **Erase Last Dialed**, **Erase Answered**, **Erase Unanswered** or **Erase All** (Select).
- 3 (Yes)



## Troubleshooting

Should any problem persist contact your dealer.

Problem	Cause	Remedy
Phone will not switch on.	_____	Check that the battery is fully charged and correctly connected to the phone.
Extremely short battery life for a new battery.	The network you are using and the condition of the battery can affect battery life.	_____
Short battery life for an old battery.	The battery has worn out.	Replace with a new fully charged battery.
The charging indicator does not light, the battery level indicator does not appear and the phone cannot be switched on when charging.	The battery is not attached to the phone or when the battery has been deeply discharged the phone will take a short time until the indicator lights.	Leave the phone charging the battery for a few minutes before the indicator is lit and attempting to switch it on.
Battery fails to charge.	The battery is not attached to the phone.	Ensure the battery is fitted to the phone prior to commencing charging.
	Battery has been connected to the phone after the Fast Travel Charger has been switched on.	
Calls cannot be made.	The phone is locked.	Unlock the phone.
	Outgoing calls are barred.	Disable the outgoing call barring or barred dial.
	The phone is not registered to a network.	Move to a coverage area and operate your phone after it has registered with a network.

**Troubleshooting**

Problem	Cause	Remedy
Calls cannot be made from Fixed Dial Store.	_____	Check your SIM supports Fixed Dial Check if the Fixed Dial is switched on Check the phone number is stored in the Fixed Dial.
Calls cannot be received.	The phone is not switched on.	Switch the phone on.
	Incoming calls are barred.	Disable the incoming call barring.
	The phone is not registered to a network.	Move to a coverage area and operate your phone after it has registered with a network.
Emergency calls cannot be made.	You are not in a GSM coverage area.	Check that the antenna symbol S is displayed – move to a coverage area and operate your phone when the antenna symbol is displayed.
Phone numbers cannot be recalled from Phonebook.	The phone is locked.	Unlock the phone.
	Phone number has been restricted.	Switch off restriction.

## Glossary of Terms

<b>CSD</b>	CSD means one of communication methods of the data communication service. (It is abbreviation of Circuit Switched Data)
<b>DTMF Tones</b>	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes etc.
<b>EMS</b>	EMS is one of the mail systems which use the cellular phone, and service by which data of e-mail of the text etc. can be transmitted and received. (It is abbreviation of Enhanced Messaging Services)
<b>GSM</b>	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses.
<b>Network Operator</b>	The organization responsible for operating a GSM network.
<b>Password</b>	Used for the control of the Call Bar. Supplied by your service provider.
<b>PIN</b>	Personal Identification Number used for SIM security. Supplied by your service provider. If the PIN is entered incorrectly 3 times, the PIN will be blocked.
<b>PIN2</b>	Personal Identification Number used for the control of Fixed Dial Store and Call Charge metering. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.
<b>PUK/PUK2</b>	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your service provider. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked.
<b>Registration</b>	The act of locking on to a GSM network. This is usually performed automatically by your phone.
<b>Roaming</b>	The ability to use your phone on networks other than your Home network.
<b>Service Provider</b>	The organization responsible for providing access to the GSM network.



**Glossary of Terms**

<b>SMS</b>	<b>SMS is service to which a very short character message can be transmitted and be received by the cellular phone. (It is abbreviation of Short Message Service)</b>
<b>SIM</b>	<b>Subscriber Identity Module. A small smart-card which stores unique subscriber and user-entered information such as Phonebook and Short Messages. Supplied by your service provider.</b>
<b>WAP</b>	<b>Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone</b>

## Specifications

Bands supported	GSM 900 Class 4 GSM1800 Class 1 GSM1900 Class 1
Standby Time (hrs)*	80 – 200
Talk Time (hrs)*	2.5 – 6
Temperature Range	
Charging	+5°C – +35°C
Storage	-20°C – +60°C
Weight:	74 g (including battery)
Dimensions	
Height	80 mm
Width	43 mm
Depth	19 mm
Supply Voltage	780 mAh Li-ion
Antenna	Fixed
Charge Time**	Up to 165 Min
SIM Type	3 V only
Phonebook Memory	255 + SIM
Animation Themes	2
User Composed Melody	5
Games	2

Backlight colours	1 (White)
Ringtones	Preset: 20 (Varies depending on Data Folder)
Scheduler	Up to 50 Entries
Alarms	1
Graphics Formats Supported	GIF89a, BMP, WBMP, PNG, WPNG, JPEG
Maximum Graphics Size	W128 x H80 pixels (4096 CSTN colours)

**\*NOTE: Talk and Standby time will be dependant upon network conditions, SIM usage and battery condition.**

**\*\*NOTE: Charging time will be dependant on usage and battery condition.**

Personal Settings

Item	Provisioning Information Setting No 1	Provisioning Information Setting No 2	Provisioning Information Setting No 3	Provisioning Information Setting No 4	Provisioning Information Setting No 5
IP Port					
Home page					
Gateway IP					
Port (Secure / Non-Secure)					
Data connections					
<b>Circuit Switched (GSM)</b>					
Name					
Account					
Password					
Call type					
Phone no					
Idle timer					
CSD Setting					

## Licencing

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### OpenWave

OpenWave is a pioneer in the mobile data transfer industry, supplying voice and data revenue to the mobile communications sector.



Licencing

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