Panasonic

EB-G50

Operating Instructions
Digital Cellular Phone

G50

3TR001894AAA

GSM

Before operating this equipment please read these instructions completely.

Contents

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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.

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

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.

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.

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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.
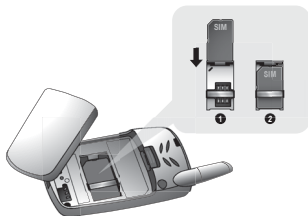
Getting Started

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.
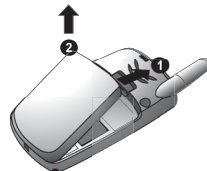
Fitting the SIM

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


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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.
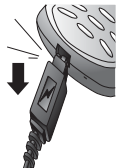
Operation of Battery Level Indicator

	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

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Keys & Displays

Earpiece

Display

Panasonic

Personal Handfree Connector

2-way Navigation Key

Left Softkey

Right Softkey Cancel / Exit Key

Send Key

Power / End Key

Asterisk Key

Quiet Mode Key

Charging Connector

Microphone

Keys

Key	Function
⓪	**2-way Navigation Key:** moving up/down/right/left through the options in the display area. In idle mode, entering to the Shortcuts.
▱	**Left Softkey:** Perform the functions displayed above the key. In idle, long press to enter to the SMS menu.
▱	**Right Softkey/Cancel or Exit key:** 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.
0 + ~ 9 wxyz	**Numeric key pads:** Enter numbers. Press and hold a single key (1~9) for Speed Dial. In text entry mode, enter text, numbers and characters. Long press 0 + to enter a "+" or "P". When you need to dial an extension number, dial the phone number first then long press 0 + to add a "P" and enter the extension number.
✆	**Send Key:** Make a call or answer a call. In idle mode, check the last dialled list.
☎	**Power/End Key:** End/reject a call. In idle mode, long press to switch phone on/off. In Browser mode, long press to end Browser mode.
✳	**Asterisk Key:** In idle, long press to activate Browser.
#	**Quiet Mode Key:** In idle, long press to switch the Mute Mode on and off.

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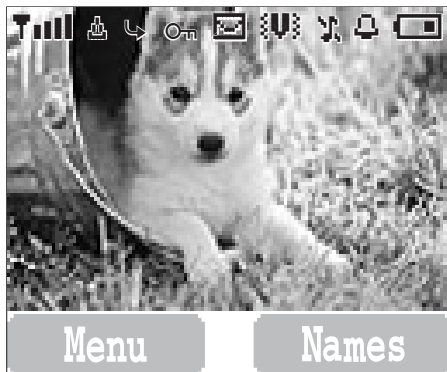
Display

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 - **roaming**
↳	**Call divert** is on
]	**Vibration alert** is on
[	**Silent Mode** is on
N	Message area is full
N (Flashing)	**Unread message** is stored
O⌐	**Key Guard** 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
⬡~ 0 + 9 wxyz	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 Dialled
2 Answered
3 Unanswered
4 Erase Records

*SAT(SIM Application Toolkit) is SIM dependent.

Keys & Displays

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
1 ~ 9 wxyz	Hot key dial
*	Browser*
#	Silent mode
🗔	Profile menu
📞	Power on/ff
🗔	SMS Menu

*The Phone must be registered with a network.

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Phone Basics

Phone ON/OFF

1 Press and hold 🖉 for 2 to 3 seconds

2 ▁▂▃▄ 🔲 Phone will display Idle mode

| Menu | | Names |

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)

| Select | Key Guard |

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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 ✆

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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 $\overline{0+}$ 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)

Phone Basics

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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 **Hands Free**
	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

Phone Basics

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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 ($\overline{0 +}$ ~ $\overline{9 wxyz}$, $\overline{\# \flat}$, $\overline{*}$)

Pause Dial

Using pauses allows you to send DTMF tones automatically.

1 Enter phone number

2 Press and hold $\overline{0 +}$ 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 **Hands Free**
	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.

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My Phone Menu Structure

My Phone

Sounds	(p. 21)	Volume Ring Tones Melody Composer Key Tone Warning Tone
Display	(p. 25)	Wallpaper Greeting Animation Contrast Brightness Colour Themes
Language	(p. 27)	
Alert Type	(p. 22)	Ring & Vibration Vibration Only Ring Only None
Profiles	(p. 19)	Normal Quiet Outdoor Headset
User Messages	(p. 27)	
Auto Answer	(p. 28)	
Any Key Answer	(p. 28)	
Reset Defaults	(p. 28)	
Shortcuts	(p. 29)	
My Phonebook	(p. 29)	SIM Mobile
T9 Input	(p. 29)	

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My Phone

Profile Setting

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.
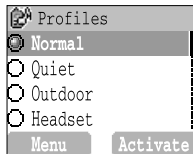
Activating a profile ....

From **My Phone** menu
1 ⓪ **Profiles** ⌨(Select)
2 ⓪ required profile ⌨(Menu)
3 ⓪ **Activate** ⌨(Select)

```
📇 Profiles
◉ Normal
○ Quiet
○ Outdoor
○ Headset
  Menu        Activate
```

Editing profiles...
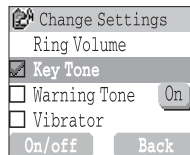
#### Ring Volume

From **My Phone** menu
1 ⓪ **Profiles** ⌨(Select)
2 ⓪ required profile ⌨(Menu)
3 ⓪ **Change Settings** ⌨(Select)
4 ⓪ **Ring Volume** ⌨(Select)
5 ⓪ Adjust volume level ⌨(OK)
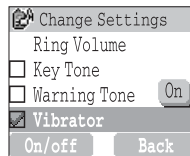
Ring Key Tone

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

```
📱 Change Settings
  Ring Volume
▨ Key Tone
☐ Warning Tone    On
☐ Vibrator
 On/off        Back
```

Warning Tone

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

```
📱 Change Settings
  Ring Volume
☐ Key Tone        On
▨ Warning Tone
☐ Vibrator
 On/off        Back
```
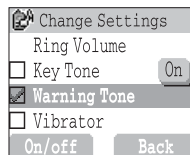
Vibrator

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

```
📱 Change Settings
  Ring Volume
☐ Key Tone
☐ Warning Tone    On
▨ Vibrator
 On/off        Back
```

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)

░ Brightness
○ Low
◉ Medium
○ High
○ Maximum
Select   Back
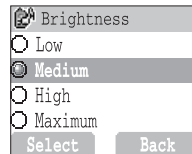
Sound Setting

Changing the Volume ....

From **My Phone** menu
1 ⓞ **Sounds** ⌨(Select)
2 ⓞ **Volume** ⌨(Select)
3 ⓞ Adjust the volume level ⌨(OK)

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

Changing the Ring Tone ....

From **My Phone** menu
1 ⓞ **Sounds** ⌨(Select)
2 ⓞ **Ring Tones** ⌨(Select)
3 ⓞ **Any Call**, **Group Calls**, **Alarm** or **Messages** ⌨(Select)
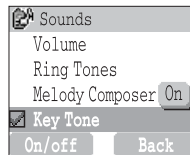4 ⓞ required ring tone ⌨(Select)

░ Ring Tones
Any Call
Group Calls
Alarm
Messages
Select   Back

My Phone

21
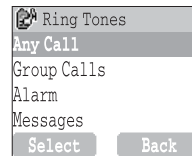
Setting Key Tone..

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

```
Sounds
 Volume
 Ring Tones
 Melody Composer  On
 Key Tone
 On/off          Back
```

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
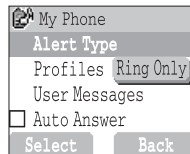when a call is received.
You can change Alert Type:
- **Ring & Vibration**
- **Vibration Only**
- **Ring Only**
- **None**

Changing Alert Type..

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

```
My Phone
 Alert Type
 Profiles  Ring Only
 User Messages
 Auto Answer
 Select          Back
```

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Composing a Melody ....

From **My Phone** menu

1 ⓪ **Sounds** 🗨(Select)
2 ⓪ **Melody Composer** 🗨(Select)
3 ⓪ required MyMusic 🗨(Menu)
4 ⓪ **Edit** 🗨(Select)
5 ⓪ required track 🗨(Menu)
6 Compose your melody - See the notes chart below > 🗨(Menu)
7 ⓪ **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)

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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)

```
Edit Entry          Abc
Greeting
WELCOME

OK              Clear
```

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)

```
  Animation
 Animation 1
 Animation 2

Select          View
```

My Phone

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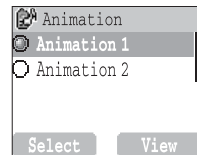
Setting Display Contrast ....

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)

```
┌─────────────────────┐
│ 🖳 Brightness        │
│ ○ Low               │
│ ◎ Medium            │
│ ○ High              │
│ ○ Maximum           │
│ Select       Back   │
└─────────────────────┘
```
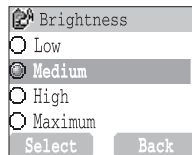
Display colour image can be changed.

Setting Colour Themes ....

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

```
┌─────────────────────┐
│ 🖳 Colour Themes     │
│ ◎ Lily              │
│ ○ Lavender          │
│ ○ Clover            │
│ ○ Garbera           │
│ Select       Back   │
└─────────────────────┘
```

26
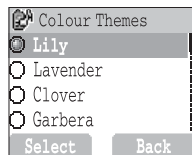
It is possible to change the language that the phone uses for display messages.

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)

```
SMS        10  ▨Abc
Please call me!|




Menu          Clear
```
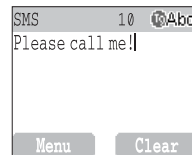
NOTE: If the text is wider than the screen display, the text will scroll.

Auto Answer

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

Setting Auto Answer...

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

```
My Phone
  User Messages
  Auto Answer
☐ Any Key Answer   On
  Reset Defaults
 On/off        Back
```
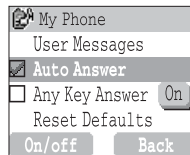
Any Key Answer

Calls can be answered by pressing any key (except)

Setting Any Key Answer ....

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

```
My Phone
  User Messages
☐ Auto Answer      On
  Any Key Answer
  Reset Defaults
 On/off        Back
```
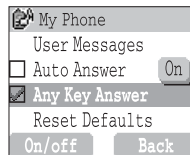
Reset Defaults

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

Reset Defaults..

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

28

Shortcuts

Setting Shortcuts ....

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

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)

```
📖 My Phonebook
◉ SIM
○ Mobile



 Select      Back
```
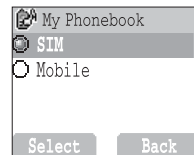
T9 Text Input

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.

```
📖 T9 Input
☑ T9 Prefer
  Input Language



 On/off      Back
```

My Phone

29
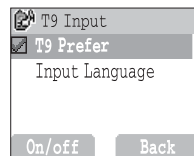
Games Menu Structure

Games (or SAT)*

Fillip
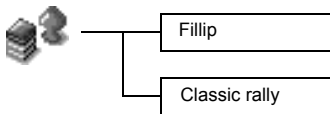
Classic rally

* SAT (SIM Application Toolkit) is SIM dependent.

Games

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:

4 ghi (move left), 6 mno (move right), 2 abc (jump), 1 (jump left), 3 def (jump right).

Starting Games:

Select **Start game** by using ⌐ (or 2 abc (Up) and 8 tuv (Down)), then 5 jkl (Select).

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.

Classic rally ....

Key Operation:

2 abc (Forward), 4 ghi (Turn Left), 6 mno (Turn Right), 8 tuv (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)

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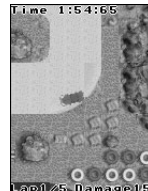
> **NOTE:** If SIM card provides SIM Tool Kit services, this menu will become the STK Menu. You can still access Games from Applications.

Games

31

Phone Book Menu Structure

Phone Book

	Browse	SIM Phonebook / Mobile Phonebook
	Create	SIM Phonebook / Mobile Phonebook
	Group Settings	
	Memory Status	
	My Numbers	
	Hot Key Dial	
	My Phonebook	SIM / Mobile

32
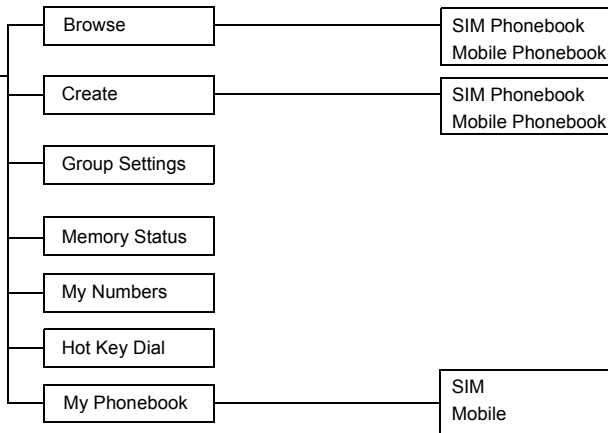
Phone Book

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 ⓪ **Create** ⌨(Select)
2 **SIM Phonebook** ⌨(Select)
3 Enter **Name** ⓪ > Phone number
4 ⌨(Save)
> **"Saved in SIM"** is displayed.

| SIM Phonebook |
| Mobile Phonebook |
| |
| Select   Back |
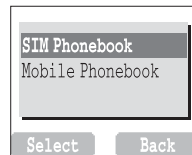
NOTE: The length and amount of data is SIM dependent.

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 ⓪ **Create** ⌨(Select)
2 ⓪ **Mobile Phonebook** ⌨(Select)
3 Enter **Name** ⓪
4 Enter **Phone Number** ⓪
5 ⌨(Set) ⓪ required **Caller's ID** Image ⌨(Select) ⓪
6 ⌨(Set) ⓪ required **Group** ⌨(Select) ⓪
7 ⌨(Set) ⓪ required **Melody** ⌨(Select)
8 When entries are completed, ⌨(Save)
> "**Save in Mobile**" is displayed.

| SIM Phonebook |
| Mobile Phonebook |
| |
| Select   Back |

33

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)

Edit	Edit the selected Phone Book entry
Delete	Delete the selected Phone Book entry
Delete All	Delete all Phone Book entries
Copy to Mobile/SIM	Copy a contact to Mobile/SIM Phonebook
Copy All to Mobile/SIM	Copy all Phone Book to Mobile/SIM Phonebook
Search	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
◉ **Memory Status** ✎(Select)

```
📖 Phone Book
  Browse
  Create
  Group Settings
  Memory Status
  Select        Back
```
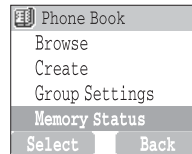
My Numbers

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)

```
📖 Phone Book
  Create
  Group Settings
  Memory Status
  My Numbers
  Select        Back
```
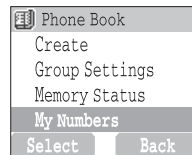
Viewing My Numbers..

From **Phone Book** menu
1 ◉ **My Numbers** ✎(Select)
2 ◉ required entry ⬚(View)
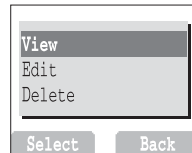
```
  View
  Edit
  Delete

  Select        Back
```

Phone Book

35

Hot Key Dial

Setting Hot Key Dial ....

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

```
📱 Phone Book
   Group Settings
   Memory Status
   My Numbers          On
☑ Hot Key Dial
  On/off          Back
```
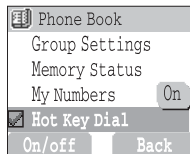
Making a Call by Using Hot Key Dial..

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

Start Browser

Bookmarks → Bookmark 1 ⋮ Bookmark 10

Settings → Server Name 1 ⋮ Server Name 5

Browser

Server Setting

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.

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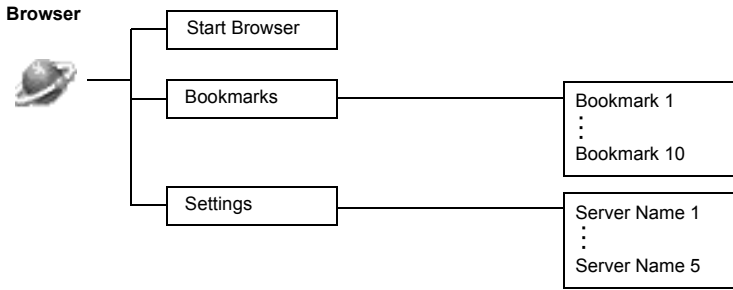
NOTE: Modifying previously entered settings can cause failure of the Browser.

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. (Sever Name, IP Address, IP Port, Homepage, Linger Time, CSD Setting)

```
 Browser
Start Browser
Bookmarks
Settings

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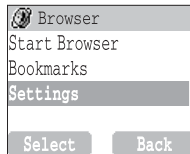
NOTE: You need to set **CSD Setting** in Phone Option before setting the server information.

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 .

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

Bookmarks

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

Setting Bookmark ....

Entering URL from Browser menu:

From **Browser** menu

1 ⓪ **Bookmarks** ✏(Select)
2 ⓪ required empty Bookmark ✏(Menu)
3 ⓪ **Edit** ✏(Select)
4 Enter Title and URL ✏(Save)

Setting Bookmark from Homepage:

1 🔍 > ⓪ **Bookmark**
2 **Mark Site** > ✏
3 Enter **Folder** and **URL**
4 ✏(Save)

Browsing Bookmark ....

From **Browser** menu

1 ⓪ **Bookmarks** ✏(Select)
2 ⓪ required Bookmark ⌨(Launch)

🕸 Browser
Start Browser
Bookmarks
Settings
Select   **Back**

40
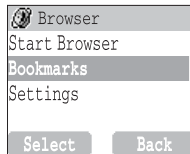
Key Guard

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, O⌐ 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.

```
                          Guard Keypad



              Yes                 No
```

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

41

Messages Menu Structure

Messages

Create	
Inbox	
Outbox	
Archive	Inbox Outbox
User Messages	
Memory Status	
Options	Message Centre Protocol Lifetime Delivery Report
Broadcast	Broadcast Read Messages Topic Languages Auto Display

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Messages

SMS

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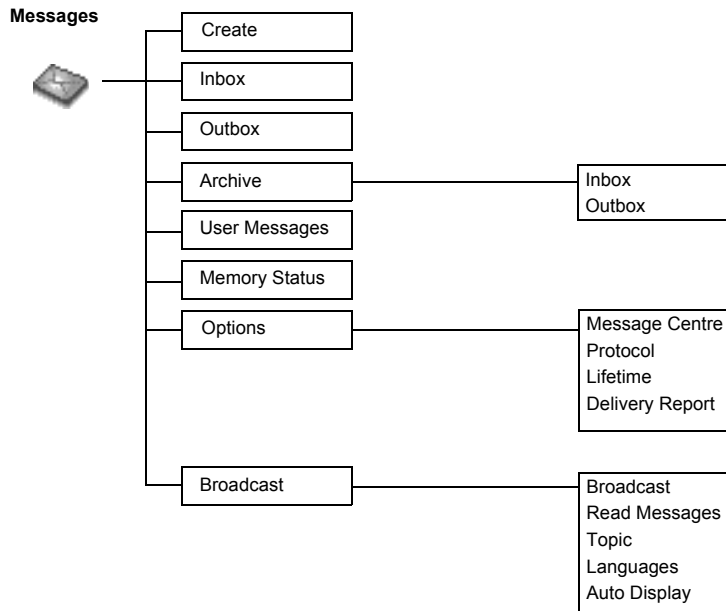
It is possible to receive, display, edit and/or send text messages of up to 1520 characters in ten messages (Dependent upon the language being used), to any network that has a roaming agreement. (Dependent on the recipient's phone Options.) Before sending a message, you need to enter the Message Centre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

From **Messages** menu

1 ◊ **Options** > **Message Centre** ⏏(Select)

2 Enter message centre number in international dial format

(see "International Dialling" on page 13) ⏏(OK)

```
✉ Options
   Message Centre
   Protocol
   Lifetime
 ☐ Delivery Report
   Select      Back
```
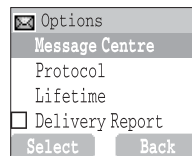
NOTE: When the Message Centre Number has been pre-installed, please do not change the number.

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)

```
✉ Messages
   Create
   Inbox
   Outbox
   Archive
   Select      Back
```

43
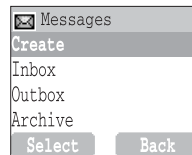
When you create a text, these options are available by 🖙(Menu).

Send	Send a text as Short Text message
Save	Save a text in Outbox in SIM
Save and Send	Save a text in the Outbox in SIM and send
Picture & Sound	Add picture and/or sound to a text
User Messages	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.

From **Messages** menu
1 ⓪ **Inbox** ⌨(Select)
2 ⓪ required message ⌨(Read)

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

✉ Messages
Create
Inbox
Outbox
Archive
Select   Back
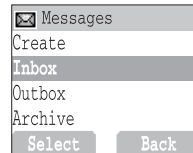
NOTE: If the message indicator is displayed constantly (does not flash), this means that the message area is full and you need to delete old messages in order to receive new messages.

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

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

Messages

45

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 ⓪ **Outbox** ✎(Select)
2 ⓪ required message ✐(Read)

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

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

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

47

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

Viewing Memory Status..

From **Messages** menu

⬚ **Memory Status** ✏(Select)

```
✉ Messages
Archive
User Messages
Memory Status
Options
  Select        Back
```
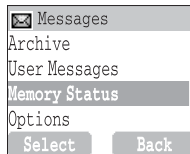
Options

Setting Options ....

From **Messages** menu

⬚ **Options** ✏(Select)

```
✉ Messages
Archive
User Messages
Memory Status
Options
  Select        Back
```
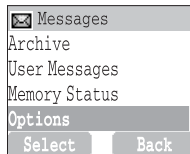
The following options are available:

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

48

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 ⓪ **Broadcast** ⬚(Select)
2 ⓪ **Broadcast** ⬚(On/off)

```
✉ Messages
User Messages
Memory Status
Options
Broadcast
  Select        Back
```
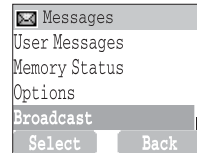
Setting Topic ....

From **Messages** menu
1 ⓪ **Broadcast** > **Topic** > **Current>** ⬚(Select)
2 ⓪ required **Topic** ⬚(Menu)
3 ⓪ **Add** or **Delete** ⬚(Select)

Setting User defined Topic..

From **Messages** menu
1 ⓪ **Broadcast** > **Topic** > **User Defined** > **<New entry>** ⬚(Select)
2 **Enter Msg ID** ⬚(OK)
3 **Enter Name** ⬚(OK)
4 ⓪ **Current** ⬚(Select)
5 ⓪ **<Add Topic>** ⬚(Select)
6 ⓪ required **Topic** ⬚(Select)

```
✉ User Defined
<New Entry>



  Select        Back
```

Messages

49
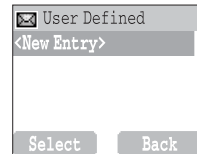
Setting Language..

From **Messages** menu

1 ⓞ **Broadcast** ⌐(Select)

2 ⓞ **Languages** ⌐(Select)

3 ⓞ required Language ⌐(Select)

4 To continue to add languages;

⓪ **Insert** ⌐(Select)

To complete adding language;

⓪ **Add to End** ⌐(Select)

```
✉ Broadcast
  Read Messages
  Topic
  Languages
☐ Auto Display
  Select      Back
```
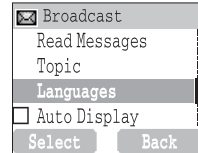
Viewing Broadcast...

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.

Auto Display

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

Setting Auto Display..

From **Messages** menu
1 ⊚ **Broadcast** ✎(Select)
2 ⊚ **Auto Display** ✎(On/off)

```
✉ Broadcast
  Read Messages
  Topic
  Languages        On
▨ Auto Display
 On/off      Back
```

Text Entry

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

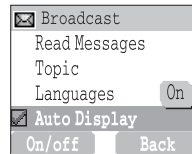| Key	Text Mode		Numeric
	T9®(T9Abc, T9ABC, T9abc) **(Input language: English)**	**Multi tap** **(Input mode indicator: Abc, ABC or abc)**	**(0 ~ 9)**
$\boxed{0 +}$	Punctuation 1	**Space 0 . , ? ! + - = : ¿¡ -" ' ; _**	**0**
$\boxed{1}$	Punctuation 2	**1 / ( ) < > [ ] { } ' & % ~ £ &**	**1**
$\boxed{2\,abc}$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

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

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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.

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 $\boxed{=}$ (Clear) to delete previous text, if necessary.

2.Press $\bigotimes$ to change letter case, if necessary

3.Press $\overline{\underset{\text{2 abc}}{\quad}}$ $\overline{\underset{\text{2 abc}}{\quad}}$ $\overline{\underset{\text{5 jkl}}{\quad}}$ $\overline{\underset{\text{5 jkl}}{\quad}}$ "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 Menu

	Call Service		Time/Charges Call Waiting Withhold ID Caller's ID Charge Settings Line
	Call Divert		All Voice Calls Not Reachable No Reply Busy Status Check Cancel All
	Security		Call Bar Codes Fixed Dial SIM Lock
	Network		Auto Network New Network Network List Band Select
	CSD Setting		
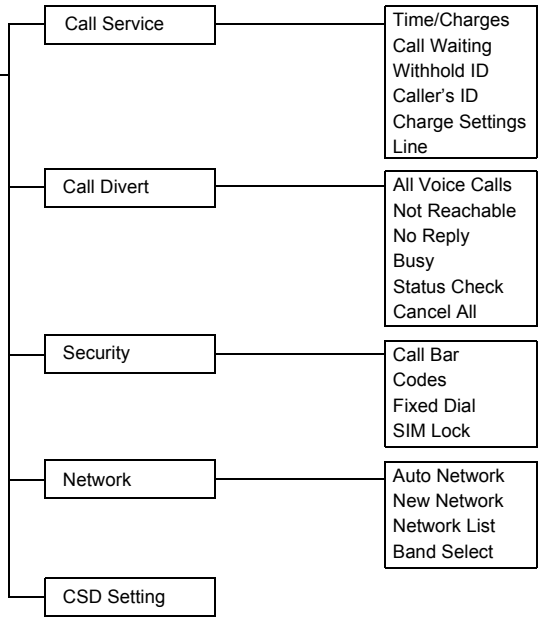
Phone Option

Call Service

Viewing Time/Charges ....

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.

From **Phone Option** menu

1 📞 **Call Service** > **Time/Charges** (Select)

2 📞 required service **Last Call**, **All Voice Calls** or **Cost Left** (Select)

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

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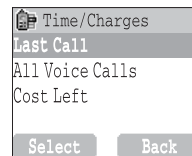
If Call Waiting is switched on, a second call can be received.

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)

Call Service
Time/Charges
Call Waiting
Withhold ID
Caller's ID
Select   Back

NOTE: When checking the status the phone must be registered with a network.
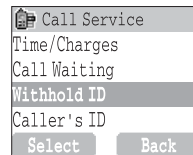
Firstly, Personal rate must be entered. This is the cost that the Service Provider charges for one unit of call time.

Charge Settings...
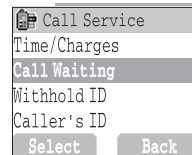
Setting Currency:

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)

Personal Rate	
Per Unit:	0
Per Min.:	0
OK	Set

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

Phone Option

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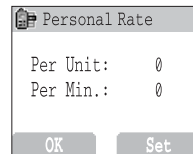
This function allows you to pre -set the maximum cost of calls allowed.

Setting the Maximum Cost:

From **Phone Option** menu

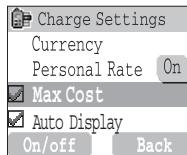1 ◎ **Call Service** > **Charge Settings** 🖲(Select)

2 ◎ **Max Cost** 🖲(Set)

➣ Current setting is displayed.

3 🖫(Edit) > Enter PIN2 code 🖲(OK)

4 🖫(Set) > ◎ **On** 🖲(Select)

5 Enter **Credit Limit** > 🖲(OK)

> ┌─────────────────────────┐
> │ ▣ Charge Settings   │
> │   Currency   │
> │   Personal Rate   On   │
> │ ▨ Max Cost   │
> │ ▨ Auto Display   │
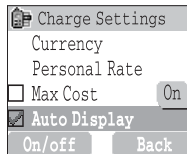> │ On/off   Back   │
> └─────────────────────────┘

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)

> ┌─────────────────────────┐
> │ ▣ Charge Settings   │
> │   Currency   │
> │   Personal Rate   │
> │ ☐ Max Cost   On   │
> │ ▨ Auto Display   │
> │ On/off   Back   │
> └─────────────────────────┘

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

Setting Phone Line...

From **Phone Option** menu

1 ◎ **Call Service** > **Line** 🖲(Select)

2 ◎ **Line 1/Line 2** 🖲(Select)

58

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 ⓪ **Call Divert** ✎(Select)

2 ⓪ the circumstances to initiate the divert ✎(Select)

3 ⓪ required operation from **Set**, **Clear**, or **Check Status** ✎(Select)

4 Enter phone number to divert to ✎

```
📳 Call Divert
All Voice Calls
Not Reachable
No Reply
Busy
   Select        Back
```
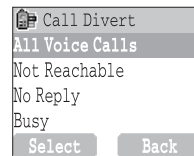
➢ When a divert situation is enabled the divert icon (↳) is displayed.

➢ When updating or checking the status of **Call Divert** the phone must be registered with a network. (⊤)

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

Phone Option

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Security

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.

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⟩

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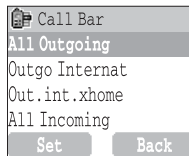
All Outgoing	All Outgoing calls are barred
Outgo Internat	International Outgoing calls are barred
Out.int.xhome	International Outgoing calls except home are barred
All Incoming	All Incoming calls are barred
When Roaming	All internal incoming calls when roaming outside the home PLMN
Status Check	Call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

Codes

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.
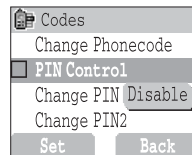
Change Phonecode...

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

```
Codes
  Change Phonecode
☐ PIN Control
  Change PIN  Disable
  Change PIN2
   Set        Back
```

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)

```
Codes
  Change Phonecode
☐ PIN Control
  Change PIN
  Change PIN2
  Select     Back
```
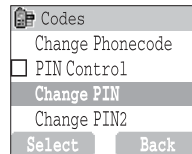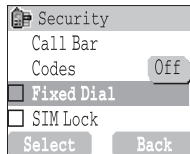
Note: If the PUK/PUK2 code is entered incorrectly 10 times, the phone will cease to operate permanently. All information stored in the SIM will be lost and the SIM will need to be replaced. Contact the service provider for more detail.

Phone Option

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

Setting Fixed Dial...

From **Phone Option** menu

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

```
┌────────────────────┐
│ ▣ Security         │
│   Call Bar         │
│   Codes        Off │
│ ▢ Fixed Dial       │
│ ▢ SIM Lock         │
│ Select        Back │
└────────────────────┘
```

➢ Any manually dialled 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)

```
┌────────────────────┐
│ ▣ Security         │
│   Call Bar         │
│   Codes        Off │
│ ▢ Fixed Dial       │
│ ▢ SIM Lock         │
│ Select        Back │
└────────────────────┘
```
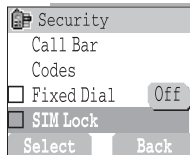
Note: You are recommended to write down your Phonecode to remember. Incase you forget your phone code, you will need to send back your SIM to its maker to unlock the SIM.

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)

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

CSD Setting

You need to complete CSD setting before setting your server.

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)

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

Phone Option

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Applications Menu Structure

Applications

```
Applications ──┬── Games ───────────── Fillip
               │                        Classic rally
               │
               ├── SAT*
               │
               ├── Scheduler
               │
               ├── Clock ───────────── Clock Setting
               │                        Alarm
               │                        Power Off Time
               │
               ├── Calculator
               │
               ├── Currency ────────── Rate Setting
               │                        Rate Computing
               │
               ├── Melody Composer
               │
               ├── Sound Folder ────── Predefined
               │                        Downloaded
               │                        Memory Status
               │
               └── Picture Folder ──── Wallpaper
                                        Caller's ID
                                        Memory Status
```
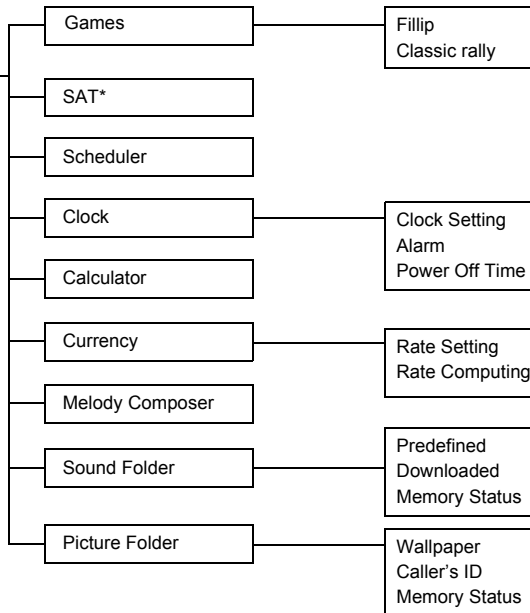
*NOTE: SAT (SIM Application Toolkit) is SIM dependent

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Applications

Games

From **Applications** menu

1 Ⓞ **Games** ✎(Select)
2 Ⓞ required game ✎(Select).

➣ Please refer to "Games" on page 31.

```
┌─────────────────┐
│ 📷 Games        │
│ Fillip          │
│ Classic rally   │
│                 │
│                 │
│ Select    Back  │
└─────────────────┘
```

SAT (SIM Application Toolkit)

This function is SIM dependent.

Scheduler

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**

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)

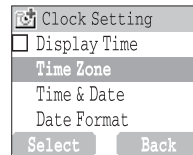2 ◊ required region (Select)

3 (Yes) or (No) to select "**Day Light Saving?**"

4 "**Set This City to Local**" (OK)

5 **"Success!"** (OK)

Clock Setting
☐ Display Time
Time Zone
Time & Date
Date Format
Select   Back

Time & Date Setting ....

From **Applications** menu

1 ◊ **Clock > Clock Setting > Time & Date** (Select)

2 (Set) enter the digits for the time (OK)

Clock Setting
☐ Display Time
Time Zone
Time & Date
Date Format
Select   Back
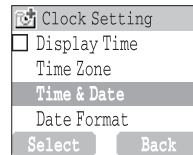
Time and date can be shown on the display in idle mode.

Time Display Setting ....

From **Applications** menu

1 ◊ **Clock > Clock Setting** (Select)

2 ◊ **Display Time** (On/off)

Applications

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Display format for time and date can be selected.
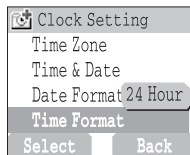
Date Format/Time Format ....

From **Applications** menu

1 ⓞ **Clock > Clock Setting > Date Format** or **Time Format** ⌨(Select)

2 ⓞ required format ⌨(Select)

```
┌──────────────────────┐
│ 🕐 Clock Setting      │
│  Time Zone            │
│  Time & Date          │
│  Date Format 24 Hour  │
│  Time Format          │
│ Select        Back    │
└──────────────────────┘
```

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)

```
┌──────────────────────┐
│ 🕐 Clock             │
│  Clock Setting        │
│ ☑ Alarm              │
│ ☐ Power Off Time  On │
│ Select        Back    │
└──────────────────────┘
```
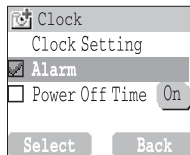
➣ Alarm set indicator ? appears on idle display.

➣ 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 ◊ chose the repeat format from **Repeat Daily**, **Once** or **Disabled** (Select)

4 "**Power Off Time Setting Updated!**"

```
 Clock
  Clock Setting
☑ Alarm          Off
☐ Power Off Time

 Select       Back
```
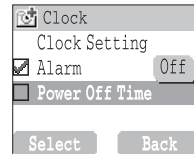
Calculator

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

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 ⧆, when a minus sign is needed press ⧆.

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

```
 Applications
Clock
Calculator
Currency
Melody Composer
 Select       Back
```
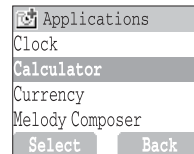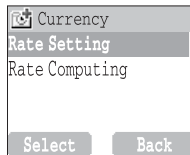
Currency

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

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)

Currency
Rate Setting
Rate Computing
Select   Back

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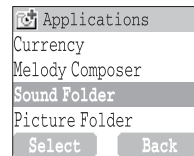
The amount of the use of the memory of the remainder might not become "0" because of data for management. This user memory is used for Melody composer.

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
Currency
Melody Composer
Sound Folder
Picture Folder
   Select        Back
```

Applications

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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)

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.

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)

```
📷 Applications
Currency
Melody Composer
Sound Folder
Picture Folder
  Select        Back
```

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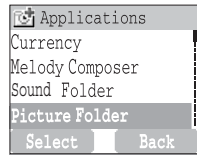
Records Menu Structure

Records

Last Dialled

Answered

Unanswered

Erase Records

Erase Last Dialled
Erase Answered
Erase Unanswered
Erase All
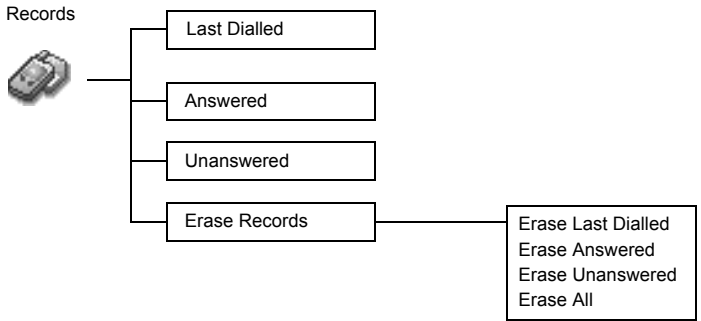
Records

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 Dialled/Answered/Unanswered number ....

From **Records** menu

1 ◊ Choose one menu from **Last Dialled**, **Answered** or **Unanswered** ✐(Select)

2 ◊ required phone number (or name) you wish to redial ✆.
OR
In idle, ✆ to view the last dialled numbers directly.
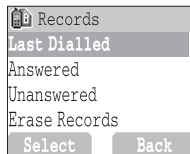
To save a record in Phonebook:

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.

▥ Records	
Last Dialled	
Answered	
Unanswered	
Erase Records	
Select	Back

Erasing Records..

From **Records** menu

1 ◊ **Erase Records** ✐(Select)

2 Choose one menu from **Erase Last Dialled**, **Erase Answered**,
Erase Unanswered or **Erase All** ✐(Select).

3 ⌨(Yes)

▥ Erase Records	
Erase Last Dialled	
Erase Answered	
Erase Unanswered	
Erase All	
Select	Back

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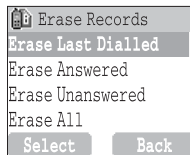
Troubleshootings

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.

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.

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Glossary of Terms

CSD	CSD means one of communication methods of the data communication service. (It is abbreviation of Circuit Switched Data)
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes etc.
EMS	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)
GSM	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses.
Network Operator	The organization responsible for operating a GSM network.
Password	Used for the control of the Call Bar. Supplied by your service provider.
PIN	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.
PIN2	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.
PUK/PUK2	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.
Registration	The act of locking on to a GSM network. This is usually performed automatically by your phone.
Roaming	The ability to use your phone on networks other than your Home network.
Service Provider	The organization responsible for providing access to the GSM network.

SMS	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)
SIM	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.
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone

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. . . . . +5ºC – +35ºC
Storage. -20ºC – +60ºC

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.**

Specifications

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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					
Circuit Switched (GSM)					
Name					
Account					
Password					
Call type					
Phone no					
Idle timer					
CSD Setting					

Licencing

CP8 Patent

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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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