Panasonic

EB-G51E

Operating Instructions Part 1
Digital Cellular Phone

GSM

Contents

Part 2 of these Operating Instructions contains important information which should be read before operating your phone. Please completely read the appropriate section of part 2 before continuing with part 1.

Contents

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.

Inserting and Removing the SIM

The SIM is inserted under the battery.

Inserting the SIM
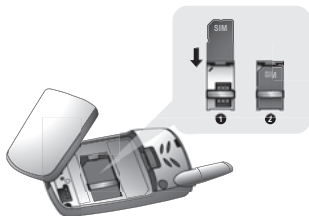
Removing the SIM

Attaching and Removing the Battery

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

Attaching 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 Charging Connector a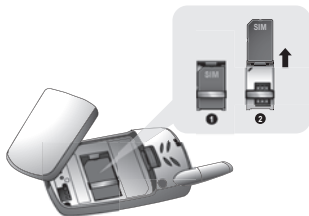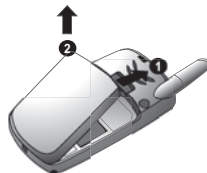nd connect the travel charger to the socket-outlet. Then the Battery Level Indicator will start scrolling. It is recommended to charge the battery for a minimum of 4 hours before first use.

NOTE: DO NOT force the connector as this may damage the phone and/or the charger. If the battery has been deeply discharged it may take some time until the charge indicator is displayed.

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		

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

Low Battery Power 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 switch 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.)

Keys & Displays

Earpiece

Navigation Key

Left Softkey

Send Key

Asterisk Key

Charging Connector

Display

Personal Handsfree Connector

Right Softkey Cancel / Exit Key

Power / End Key

Quiet Mode Key

Microphone

Keys

Key	Function
(Navigation Key symbol)	**Navigation Key:** Scroll or move through menus, text and contacts. In idle mode, press to enter to the Shortcuts.
(Left Softkey symbol)	**Left Softkey:** Perform the functions displayed above the key. In idle, press and hold to enter to the SMS menu.
(Right Softkey symbol)	**Right Softkey/Cancel or Exit key:** Perform the functions displayed above the key. Mainly used to cancel and returned to the previous menu level, or to delete text/number entries. In idle, press and hold to enter the Profiles menu.
(Numeric keys 0 ~ 9)	**Numeric key pads:** Enter numbers. Press and hold one of the keys from ① to ⑨ to make a Speed Dial. In text entry mode, enter text, numbers and characters. Press and hold ⓪₊ to enter a "+" or "P". When you need to dial an extension number, dial the phone number first and press and hold ⓪₊ to add a "P" then enter the extension number.
(Send Key symbol)	**Send Key:** Make a call or answer a call. In idle mode, check the last dialled list.
(Power/End Key symbol)	**Power/End Key:** End/reject a call. During key operation, press to return to the previous display. In idle mode, press and hold to switch phone on/off. In Browser mode, press and hold to end Browser mode.
(Asterisk Key symbol)	**Asterisk Key:** In idle, press and hold to activate Browser.
(Quiet Mode Key symbol)	**Quiet Mode Key:** In idle, press and hold to switch the Mute Mode on and off.

Keys & Displays

Display

NOTE: All screen images in the manual are simulated.

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
△	Registered to a non-home network - **roaming**
↳	**Call divert** is on
⁞V⁞	**Vibration alert** is on
⚡	**Silent Mode** is on
✉	Message area is full
✉ (Flashing)	**Unread message** is stored
○╗	**Key Guard** is enabled
▷◯	Voice memo (SIM dependent)
T	Indicates it is possible to make emergency call
ⅬT	SIM supports CPHS and Line1 is selected in Phone Option menu
ⅲ	Signal strength
▭ ⊆⊒⊃	Battery full level: - low battery
♄	Alarm is set
GPRS	GPRS is active
◈✉	New voicemail message is received

Symbols Used in the Manual

$\overset{\frown}{\ominus}$ $\overset{\frown}{\ominus}$ $\overset{\frown}{\ominus}$ Press the Navigation key in the direction indicated by the arrow.

$\overset{\Box}{\diagdown}$ Press Left Soft Key.

$\overset{\Box}{\diagup}$ Press Right Soft Key.

$\overset{0}{+}$ ~ $\overset{9}{wxyz}$ Press numeric key pads.

$\diagdown$ Press to answer a call or call a dialled number.

$\mathscr{F}_{\circ}$ Press to end a call or long press to switch the phone on/off.

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 $\overset{\Box}{\diagdown}$ (Menu)
   The main menu display has 9 menu options.
   (See "Menu Structure" on page 6.)

2 $\overset{\frown}{\ominus}$ required menu $\overset{\Box}{\diagdown}$ (Select)
   OR
   pressing a numeric key will access a menu option directly.

Back to the Menu Display

$\mathscr{F}_{\circ}$ repeatedly until the display goes back to the Menu display.

Keys & Displays

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 STK)**
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
6 GPRS Setting
7 GPRS Info

Applications
1 Games
2 (STK)*
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

*STK(SIM Tool Kit) 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* (Names)
⌃ / ⌄	Shortcuts
☎	Last dialled record list

*The Phone must be registered with a network.

Long press

Key	Function
1 ~ 9wxyz	Hot key dial
✳	Browser*
#⚡	Silent mode
✎	Profile menu
☎	Power on/off
✎	Message Menu

*The Phone must be registered with a network.

Phone Basics
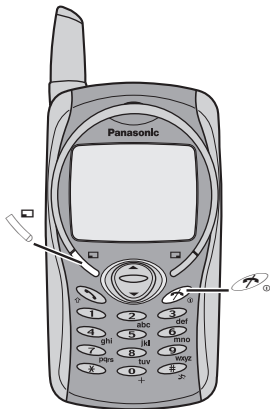
Phone ON/OFF

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.)
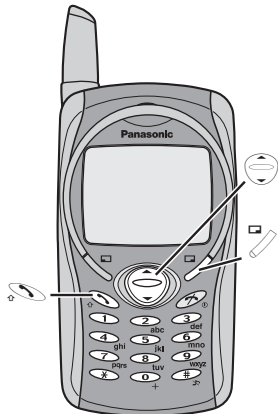
Making Calls

• 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, the remaining units will be displayed.

   For setting the **Max Cost**, see "Setting the Maximum Cost:" on page 56.

Earpiece Volume:
During a call; ⌄ to adjust earpiece volume

Phonebook Dialling

1 ✐ (Names)

2 ⌄ required contact 📞

Last 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 (▼) must be present.

When SIM is inserted;

enter emergency number 112 ✆

When SIM is not inserted;

enter emergency number 112 ✆

OR

▱ (SOS) > "**Emergency Call**" ▱ (Yes)

> **NOTE:** Making Emergency calls without a SIM is country or network operator dependent.

Answering Calls
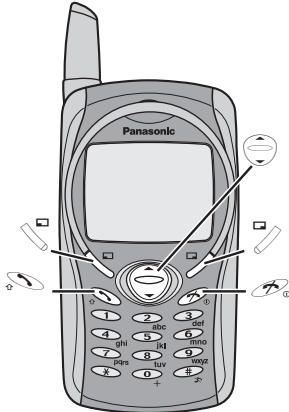
OR
When "Any Key Answer" is ON,
From Idle menu
press any key except
(See "Setting Any Key Answer" on page 25)

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.

One Click Mute on Incoming Call:
To set the ring tone and the vibrator off,
1 (Mute)

If you want to reply the call,
2 (Reply)

• If you want to reject the call, (Reject).

Phone Basics
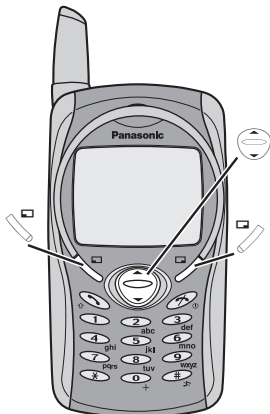
In-Call Options

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.
	Messages	Create, check and send a message while you are talking. - see "Messages" on page 42.
	Call Status	✎ (End) to disconnect a line with the activating party. ✎ (Hold) to put a call on hold with the activating party. To resume, ✎ (Back) again.
✎ (Hold)	Hold	Put a call on hold. To resume, ✎ (Back). (SIM dependent)

Desktop Handsfree

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

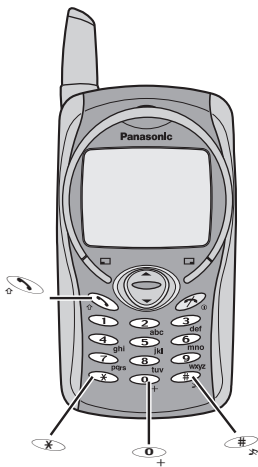**NOTE:** Do NOT hold the phone to your ear in Handsfree mode.

During a Handheld call:

1 ✎ (Menu)

2 ◌ **Hands Free** ✎ (Select)

NOTE: You can also switch between Handheld and Handsfree by pressing and holding ✎ .

To return to Handheld 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 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 ($\overset{0}{+}$ ~ $\overset{9}{wxyz}$, $\overset{\#}{\ast}$, $\overset{\ast}{}$)

Pause Dial

Using pauses allows you to send DTMF tones automatically.

1 Enter phone number.

2 Press and hold $\overset{0}{+}$ 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 $\searrow$

When the call is connected 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 54. Call waiting is network dependent.

During a call, you may receive another call:

1 To answer another call, 📞 (First call is placed on hold.)

　To disconnect another call, ✏ (Reject)

2 During a conversation with a second caller, ✎ (Menu) or ✏ (Swap) and select one from the following options:

✎ (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.
	Messages	Create, check and send a message while you are talking. - see "Messages" on page 42.
	Call Status	✎ (End) to disconnect a line with the activating party. ✏ (Hold) to put a call on hold with the activating party. To resume, ✎ (Back) again.
✏ (Swap)	Swap	Switch between two connected calls.

To end a conference call and all connections: ☎

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

- Sounds
  - Volume
  - Ring Tones
  - Melody Composer
  - Key Tone
  - Warning Tone
- Display
  - Wallpaper
  - Greeting
  - Animation
  - Contrast
  - Brightness
  - Colour Themes
- Language
- Alert Type
  - Ring & Vibration
  - Vibration Only
  - Ring Only
  - None
- Profiles
  - Normal
  - Quiet
  - Outdoor
  - Headset
- User Messages
- Auto Answer
- Any Key Answer
- Reset Defaults
- Shortcuts
- My Phonebook
  - SIM
  - Mobile
- T9 Input
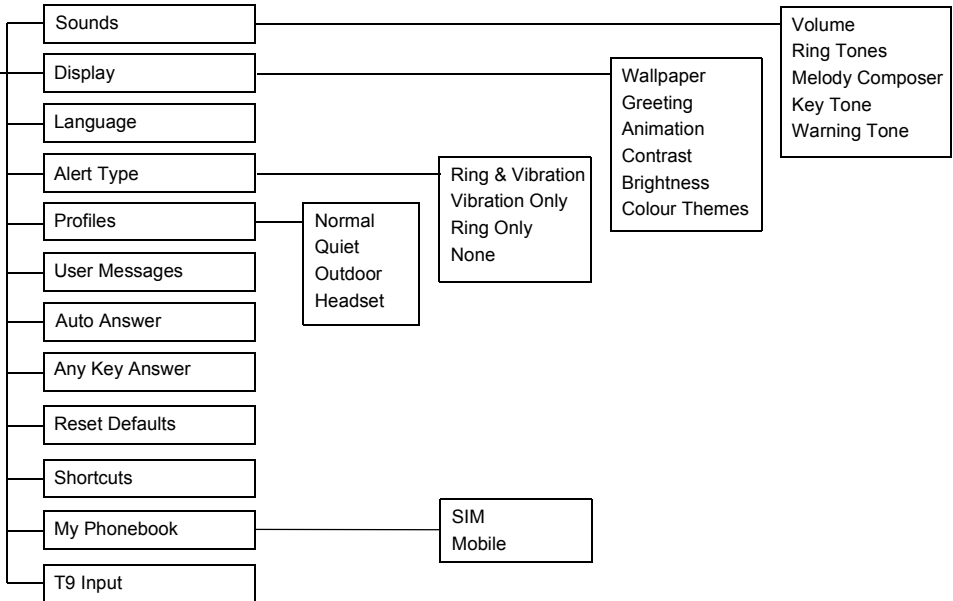
My Phone

Sounds

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)

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 an instrument (**Select Instrument**) before saving.
Using the following table as reference, enter notes (from the choice of low, middle and high), rests,
and duration to generate your composition.
Main Track and Sub Tracks are combined when you return to **MyMusic**.

Key	①	②abc	③def	④ghi	⑤jkl	⑥mno	⑦pqrs	⑧tuv
Func	C	D	E	F	G	A	B	Rep.

Key	⑨wxyz	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)

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)

Display

You can change the wallpaper in idle mode.

Setting Wallpaper..

From **My Phone** menu
1 ⬡ **Display** ↘ (Select)
2 ⬡ **Wallpaper** ↗ (Select)
3 ⬡ required Wallpaper ↘ (Select)
4 ↘ (On/off)

My Phone

You can create a greeting message that is displayed each time the 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 animation that comes up on the display when the phone is switch on.

Setting Display Animation ....

From **My Phone** menu
1 ⬚ **Display** ✎ (Select)
2 ⬚ **Animation** ✎ (Select)
3 ⬚ required Animation ✎ (Select)

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)

You can change the Colour Themes on the display.

Setting Colour Themes ....

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

Language

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)

My Phone

Alert Type

When required, the phone can be set up to vibrate and/or 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)

Profiles

You can switch between four profiles in 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 ⌄ **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)

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)

My Phone

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)

User Messages

There are 10 pre-set common user messages and 5 empty spaces to create your own messages. You can also set User Messages at **User Messages** in **Message** menu. - see "Editing User Messages" on page 43.

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.

Auto Answer

Auto Answer can be set on. For use this function, Personal Handsfree Earpiece needs to be connected to the phone.

Setting Auto Answer ....

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

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)

Reset Defaults

All 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)

My Phone

Shortcuts

Shortcuts can be selected from the following options: **Browser**, **Games**, **Phone Book**, **Language**, **Alert Type**, **Sounds**, **Wallpaper**, **Profiles**, **Alarm**, **Calculator**, **Scheduler**, **Inbox**, **Create**, **Clock Setting** and **Currency**

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

You need to select between SIM Phonebook or Mobile Phonebook for your ordinary use. You can also set My Phonebook at **My Phonebook** in **Phonebook**. - see "My Phonebook" on page 35.

Setting SIM or Mobile Phonebook..

From **My Phone** menu

1 ⬡ **My Phonebook** ✎ (Select)
2 ⬡ **SIM** or **Mobile** ✎ (Select)

T9 Input

When you create a text, this function helps to dramatically reduce the number of key presses.

Setting T9 Input..

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 51 for detail.

Games Menu Structure

| Fillip |
| Classic rally |
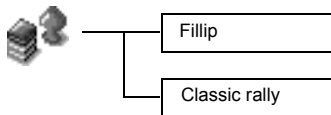
* STK (SIM Tool Kit) is SIM dependent.

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 are lost.

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.

Fillip ....

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

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

Classic rally ....

Key Operation:

²abc (Forward), ⁴ghi (Turn Left), ⁶mno (Turn Right), ⁸tuv (Backward) to move the car.

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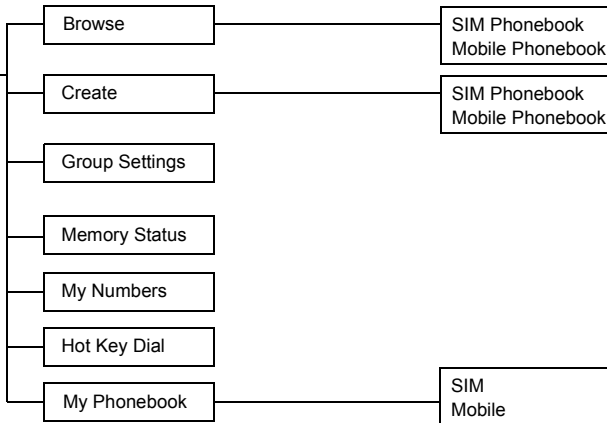
Phone Book

Storing

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

If you want to store a fixed dial number, see "Storing a Fixed Dial Number" on page 31.

Storing a Number in SIM ....

From **Phone Book** menu
1 ⊜ **Create** ✎ (Select)
2 **SIM Phonebook** ✎ (Select)
3 Enter **Name** ⊜ > **Phone**
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 (**Phone**, **Tel./office**, **Tel./mobile**) ⊜
5 ✎ (Set) ⊜ required **Caller's ID** Image ✎ (Select) ⊜
6 ✎ (Set) ⊜ required group ✎ (Select) ⊜
7 ✎ (Set) ⊜ required melody ✎ (Select)
8 When entries are completed, ✎ (Save)
   • "**Saved in Mobile**" is displayed.

Fixed Dial is one of the function in SIM Phonebook. Only the numbers stored in FDN can be dialled.

To activate this function, you need to set Fixed Dial on.
- see "Setting Fixed Dial" on page 60.

Storing a Fixed Dial Number ....

To store a fixed dial number, you need to enter PIN2 code.

From **Phone Book** menu

1 ⬡ **Create** ✎ (Select)

2 **SIM Phonebook** ✎ (Select)

3 Enter **Name** ⬡ > **Phone number**

4 ⬡ **Location** ✎ (Set)

5 ⬡ **FDN** ✎ (Select)

6 ✎ (Save)

7 Enter PIN2 code

8 ✎ (OK)

Phone Book

Viewing

You can search Phonebook by name.

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 categorize the items stored in the Mobile Phonebook into 5 groups; **Friends**, **Colleagues**, **Family**, **Others** and **VIP**. You can select a particular ring tone for each group to identify the incoming call.

From **Phone Book** menu

1 ⊜ **Group Settings** ✎ (Select)

2 ⊜ required **Group** ✎ (Menu)

The following options are available by pressing ✎ (Select).

View Group	View Phone Book entry in the selected group.
Set Ring Tone	Set required ring tone.
Remove Entries	Delete all Phone Book entries in the selected group.

After selecting required **Group** in step 2, you can view a Phone Book entries by pressing ✎ (View).

When there is no entry has been stored in the selecting group, "List Empty" is displayed.

The following options are available by pressing ✎ (Menu).

Edit	Edit the selected Phone Book entry.
Delete	Delete the selected Phone Book entry.
Search	Search for a desired item in the selected group by entering the name.

Phone Book

Memory Status

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

Viewing Memory Status...

From **Phone Book** menu
⬡ **Memory Status** ✎ (Select)

My Numbers

My Number is a handy phonebook where your names and phone numbers can be stored and viewed.

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)

Hot Key Dial

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

Setting Hot Key Dial..

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

> **NOTE:** This function is available only when a SIM is installed.

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

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

My Phonebook

You need to select between SIM Phonebook or Mobile Phonebook for your ordinary use.

From **Phone Book** menu
1 🔾 **My Phonebook** ✎ (Select)
2 🔾 **SIM** or **Mobile** ✎ (Select)

• Please refer to "My Phonebook" on page 26.

Browser Menu Structure

Browser

Start Browser		
Bookmarks	→	Bookmark 1 ⋮ Bookmark 10
Settings	→	Server Name 1 ⋮ Server Name 5
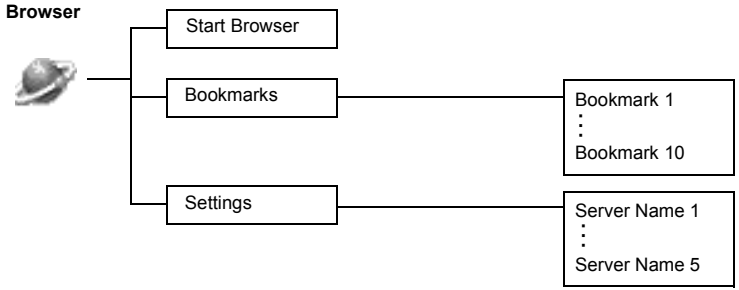
Browser

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, Select Mode)

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

Those configuration Options will be given by your 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 bookmark your favourite page, you can quickly jump to the page.

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 ✎ > ⊙ **Bookmarks**

2 **Mark Site** ✎

3 Enter **Folder** and **URL**

4 ✎ (Save)

Browsing Bookmark ....

From **Browser** menu

1 ⊙ **Bookmarks** ✎ (Select)

2 ⊙ required Bookmark ✐ (Launch)

Browser

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, then you can 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 O┑ appears on the display,

1 ✎ (Free)

2 **"Press OK to Free keypad"** ✎ (OK)

Messages Menu Structure

```
Messages
  ├── Create
  ├── Inbox
  ├── Outbox
  ├── Archive ─────────────── Inbox
  │                           Outbox
  ├── User Messages
  ├── Memory Status
  ├── Options ─────────────── Message Centre
  │                           Protocol
  │                           Lifetime
  │                           Delivery Report
  │                           SMS via GPRS
  └── Broadcast ───────────── Broadcast
                              Read Messages
                              Topic
                              Languages
                              Auto Display
```
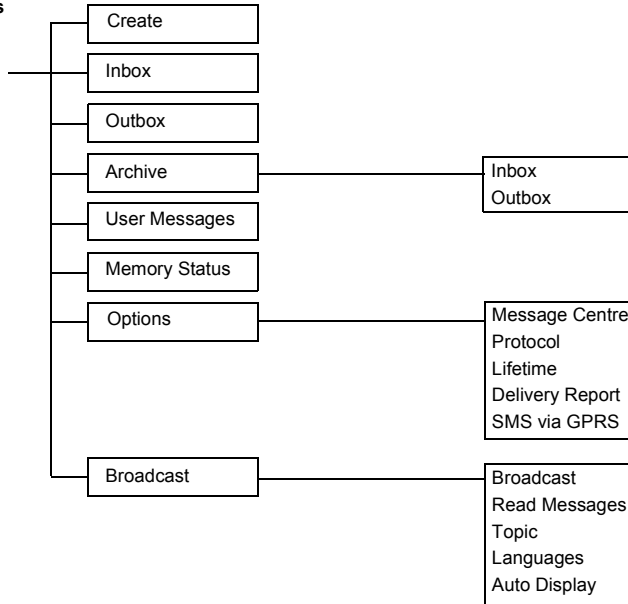
Messages

It is possible to receive, display, edit and/or send text messages of up to 1520 characters in ten messages (depending on language), to the network that has a roaming agreement (depending 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 10) ◌ (OK)

NOTE: Your network operator may have pre-installed the number. Do not change this number as it may cause failure of SMS Messaging.

Creating a New Short Text Message ....

From **Messages** menu

1 ⊜ **Create** ◌ (Select)

2 Create your text message – max. 1520 characters

(see "Text Entry" on page 50) ◌ (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).

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 the phone. For editing the User Message, see "Editing User Messages" below.

Editing User Messages ....

From **Messages** menu

1 ⊙ **User Messages** ✎ (Select)

2 ⊙ required message ✎ (Select)

3 Edit the message ✎ (Menu)

⊙ **Save and Send** or **Save** ✎ (Select)

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

Messages

When a Short Text Message is received, the message indicator will flash on the display and a user preset audible alert will sound. If you are in a call you will be alerted by the vibrator.

☒ flashes when an unread message is received in the Inbox.
When the Inbox is full, ☒ will remain until old messages are deleted.

Reading a Received Message ....

From **Messages** menu

1 ⬡ **Inbox** ⬡ (Select)

2 ⬡ required message ⬡ (Read)

• Inbox: The received message will be stored in **Inbox**.

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.

While you are reading a message, 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 and/or 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.
Hyper Link	Link to a URL in a received message.

Viewing Message Lists in Outbox ....

To view message lists that are stored in SIM.

• Outbox: The transmitted message will be stored in **Outbox**.

From **Message** menu

1 ⊜ **Outbox** ✎ (Select)

2 ⊜ required message ✎ (Read)

While you are reading a message, the following options are available by ✎ (Menu).

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

Messages

Viewing Message Lists in Archive ....

To view message lists which are stored in Archive.

• Inbox: When a message in Inbox is saved, the message will be saved to **Inbox** in **Archive**.
• Outbox: When a transmitted message in Outbox is saved, the message will be saved to **Outbox** in **Archive**.

From **Message** menu

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

While you are reading a message, the following options are available by ✎ (Menu).

Delete	Delete a message.
Edit	Edit a message and save and/or send to another.
Forward (Inbox)/ Send (Outbox)	Forward/Send a message to another phone.
Delete All	Delete all messages in Inbox.

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)

> **NOTE:** In the area where GPRS is not supported, SMS may not be sent when **SMS via GPRS** is on.

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.
SMS via GPRS	Send a Short Text message via GPRS.

Messages

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. To receive the broadcasts, "Broadcast" needs to be on.

Setting Broadcast ....

From **Messages** menu

1 ⊜ **Broadcast** ✎ (Select)

2 ⊜ **Broadcast** ✎ (On/off)

Any topics will not appear without your registration.

Setting Topic ....

From **Messages** menu

1 ⊜ **Broadcast** > **Topic** > **Current** > ✎ (Select)

2 ⊜ required **Topic** ✎ (Menu)

3 ⊜ **Add** or **Delete** ✎ (Select)

Any topics will not appear without your registration.

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)

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 depends on your Network Service Operator.

Auto Display

Setting Auto Display ....

From **Messages** menu

1 ⌖ **Broadcast** ✎ (Select)

2 ⌖ **Auto Display** ✎ (On/off)

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

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

Note: Displayed characters of **T9®** vary depending on the selected input language.

Shift mode

Shift mode change ....
The Shift mode changes by pressing (within 1 sec) ✎ .

Multi tap	Tegic
Abc -> abc -> ABC ->123	T9Abc -> T9abc -> T9ABC ->123

If Input mode is changed, Shift mode is initialised.

Auto capital change...
Auto capital affects Abc and T9Abc.
When Input mode is changed to Abc or T9Abc, the first character is input as upper case and subsequent letters as lower case.
When one of the following characters [. (Period) or ! or ?] is input before a space, the next character is input as upper case.

Tegic

User Dictionary of Tegic
When edit mode is finished, all words in the editor are registered in User Dictionary of Tegic.

Text Input

To switch On/Off T9 mode, press ✎ .

T9® Text Input ....

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

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 $\diagdown$ repeatedly until the correct word is displayed. Continue to the next word.

    Example of Text Input in T9 Mode

    To type a new message, follow these steps:

    1. At the beginning of a new message press and hold $\diagup$ (Clear) to delete previous text, if necessary.

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

    3. Press $\overset{2}{abc}$ $\overset{2}{abc}$ $\overset{5}{jkl}$ $\overset{5}{jkl}$ "Call" is displayed.

Note 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 Input" on page 26.

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 in upper case.

Phone Option Menu Structure

Phone Option

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

GPRS Setting

GPRS Info

Phone Option Menu Structure
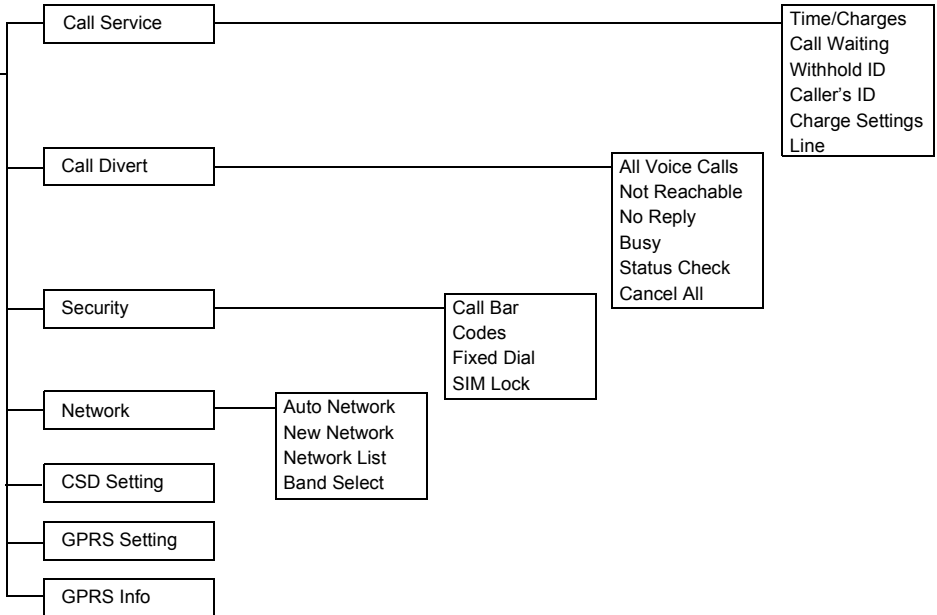
Phone Option

Call Service

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

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)

Last Call	Display the duration of Last Call.
All Voice Calls	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**, see "Setting the Maximum Cost:" on page 56.

When **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 and/or number to your calling party. You can also select **Cancel** or **Check Status**.

Setting Withhold ID ....

From **Phone Option** menu

1 🔘 **Call Service** ✎ (Select)

2 🔘 **Withhold ID** ✎ (Select)

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

Caller's ID allows to display Caller's name and/or number on your display. You can also select **Cancel** or **Check Status**.

Setting Caller's ID ....

From **Phone Option** menu

1 🔘 **Call Service** ✎ (Select)

2 🔘 **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.

> **NOTE:** Charge Setting is SIM dependent.

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)

Phone Option

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

NOTE: This function is SIM dependent.

You can set the maximum cost of calls allowed.

NOTE: The duration of one unit may vary between peak and off-peak times. Call charges can be calculated according to the calling time. However, the actual tariffs charged from your service provider may not be reflected in the calculation.

NOTE: This function is SIM dependent.

In Idle mode, the latest Incoming call is displayed on your phone automatically.

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)

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)

Setting Auto Display:

From **Phone Option** menu

1 ⌄ **Call Service** > **Charge Settings** ✎ (Select)

2 ⌄ **Auto Display** ✎ (On/off)

This menu can be selected only when your SIM supports CPHS and Line 1/2.

NOTE: This function is SIM dependent.

Setting Phone Line ....

From **Phone Option** menu

1 ◯ **Call Service** > **Line** ◌ (Select)

2 ◯ **Line 1/Line 2** ◌ (Select)

Call Divert

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

📧 appears when you have received new voice mail messages.
This service depends on your service provider.

Setting Call Divert ....

From **Phone Option** menu

1 ◯ **Call Divert** ◌ (Select)

2 ◯ Select 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. (📶)

All Voice Calls	Divert all incoming voice calls.
Not Reachable	When phone is disconnected, divert incoming voice calls.
No Reply	If call is not answered, divert incoming voice calls.
Busy	When a call is in progress, divert incoming voice calls.
Status Check	Check the current Call Divert status.
Cancel All	Cancel all Call Divert settings.

Phone Option

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)

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 Call Bar settings.
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 you will need to enter the PUK/PUK2 code.

Contact the service provider for the PUK/PUK2 code.

NOTE: To enter PUK code for PIN, enter **05# you will then be prompted to enter the PUK code, then follow the on-screen instructions.

To enter PUK2 code for PIN2, enter **052# you will then be prompted to enter the PUK2 code, then follow the on-screen instructions.

Change Phonecode ....

From **Phone Option** menu

1 ⊙ **Security** > **Codes** ✎ (Select)

2 ⊙ **Change Phonecode** ✎ (Select) > Enter the current Phonecode, if needed ✎ (OK)

3 Enter New Phonecode ✎ (OK) > Repeat the entry ✎ (OK)

Enabling/Disabling the PIN ....

From **Phone Option** menu

1 ⊙ **Security** > **Codes** ✎ (Select)

2 ⊙ **PIN Control** ✎ (Set)

3 Enter PIN number ✎ (OK) > Repeat the entry ✎ (OK)

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 details.

Phone Option

Fixed Dial is one of the functions in SIM Phonebook. Only numbers stored in your SIM Phonebook can be selected for FDN dialling. To enter fixed dial numbers, see "Storing a Fixed Dial Number" on page 31.

Setting Fixed Dial ....

From **Phone Option** menu

1 ⊜ **Security** ⬉ (Select)

2 ⊜ **Fixed Dial** ⬉ (Select)

3 Enter PIN2 code ⬉ (OK)

4 ⬈ (FDN) > ⊜ **On**

5 ⬉ (OK)

• 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)

NOTE: You are advised to write down your Phonecode. In case you forget your phonecode, you will need to contact your service provider to unlock the SIM.

Network

You can select a network that is available in your current location.

NOTE: This function is AWS SIM dependent.

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.
- see "Server Setting" on page 37.

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 Analogue.
Dial Number	Enter the common numbers in Digital and Analogue.
Login Name	Enter Login ID.
Password	Enter Password.

Phone Option

GPRS Setting

Connection Setting...

You can set GPRS setting when connecting to network.

From **Phone Option** menu

1 ⬚ **GPRS Setting** ✎ (Select)

2 ⬚ required setting ✎ (Select)

3 when all the data are entered, ✎ (Save)

• When GPRS setting is completed, the GPRS icon (GPRS) is displayed.

Server Name	Enter Server Name.
GPRS APN	Enter Access Point Name.
Login Name	Enter Login ID.
Password	Enter Password.
Authentication	Select Active or Deactive.

GPRS Info

Viewing GPRS Information...

From **Phone Option** menu

1 ⬚ **GPRS Info** ✎ (Select)

2 To reset GPRS Info;
  ✐ (Reset) > ✐ (Yes)

Applications Menu Structure

Applications

```
            ┌─ Games ───────────────┬─ Fillip
            │                        └─ Classic rally
            │
            ├─ STK*
            │
            ├─ 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
```
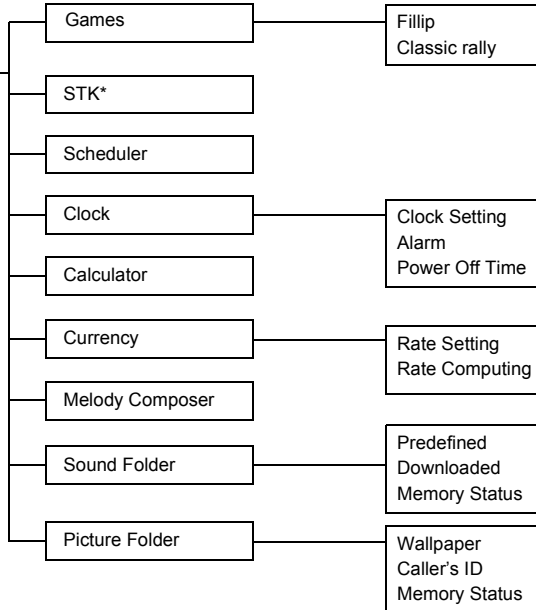
*NOTE: STK (SIM Tool Kit) is SIM dependent.

Applications

Games

From **Applications** menu
1 ⌁ **Games** ⬂ (Select)
2 ⌁ required game ⬂ (Select).

• Please refer to "Games" on page 28.

STK (SIM Tool Kit)

This function is SIM dependent.

Scheduler

You can organize your schedule to remind your personal event, such as planning holiday period. You need to set clock first before entering to the scheduler. In the Scheduler, you can store:
- **Type** (Memo or Meeting)
- **Description**
- **Start Date**
- **Start Time**
- **End Date**
- **End Time**

Entering a Schedule ....

From **Applications** menu

1 ☺ **Scheduler** ✎ (Select)

2 ✐ to select **Week** or **Month** format

3 To select a day, press numerical keys 2, 8, 4 and 6 to move the cursor ↑, ↓, ← and → , or ☺ to move the cursor ↑ or ↓ to set a day. > ✎ (Agenda)

4 ☺ **<New Entry>** ✎ (Select)

5 Enter required information

6 ✎ (Save)

Viewing / Editing Scheduler ....

From **Applications** menu

1 ☺ **Scheduler** ✎ (Select)

2 ✐ to select **Week** or **Month** format

3 When Month format is selected:
Select a day marked in blue by using the numerical keys (2, 8, 4 and 6) > ✎ (Agenda)
When Week format is selected:
Schedule icon(s) will be shown corresponding to a period of time selected by pressing ☺.
(Period of time: 4=0:01-4:00, 8=4:01-8:00, 12=8:01-12:00, 16=12:01-16:00, 20=16:01-20:00, 24=20:01-0:00)
Select a day by using the numeric keys (2, 8, 4 and 6) > ✎ (Agenda)

4 ☺ required schedule ✐ (View)

5 To return to the previous display, ✎ (OK)
To edit, ✐ (Edit) edit required information ✎ (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 in Part 2.

Applications

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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)

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 🔅 Select 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. When in a call the phone will vibrate.

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 in Part 2.

Applications

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 ⊜ Select from **Repeat Daily**, **Once** or **Disabled** ✎ (Select)

4 "**Power Off Time Setting Updated!**" ✎ (OK)

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

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)

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 17.

Applications

Sound Folder

The Sound Folder contains predefined sound files and any downloaded sound files. 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 return to the previous menu, ✎ (OK)

4 ⊜ **Set to Ringtone** ✎ (Select)

The memory status is dependant on file sizes stored in the Melody Composer, Picture Folder and Sound Folder.

Viewing Memory Status:

From **Applications** menu

1 ⊜ **Sound Folder** ✎ (Select)

2 ⊜ **Memory Status** ✎ (Select)

 • **Free Space** and **Total Used** are displayed.

 • To return to the previous menu, ✎ (OK)

Picture Folder

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.

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 return to the previous menu, ✐ (Back)

4 ⊙ **Set to Wallpaper** ✎ (Select)

The memory status is dependant on file sizes stored in the Melody Composer, Picture Folder and Sound Folder.

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 return to the previous menu, ✐ (Back)

Viewing Memory Status:

From **Applications** menu

1 ⊙ **Picture Folder** ✎ (Select)

2 ⊙ **Memory Status** ✎ (Select)

• **Free Space** and **Total Used** are displayed.

• To return to the previous menu, ✎ (OK)

Applications

Records Menu Structure

Records

```
┌──────────────────────┐
│ Last Dialled         │
└──────────────────────┘

┌──────────────────────┐
│ Answered             │
└──────────────────────┘

┌──────────────────────┐
│ Unanswered           │
└──────────────────────┘

┌──────────────────────┐        ┌──────────────────────┐
│ Erase Records        │────────│ Erase Last Dialled   │
└──────────────────────┘        │ Erase Answered       │
                                │ Erase Unanswered     │
                                │ Erase All            │
                                └──────────────────────┘
```
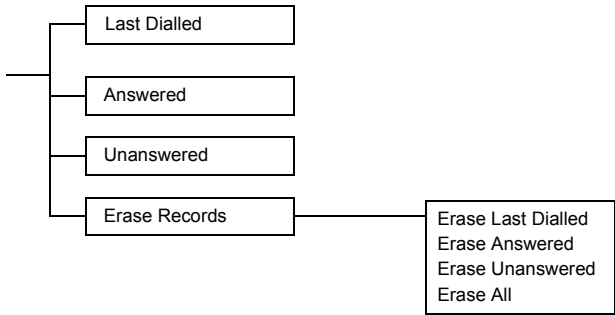
Records

Recently dialled phone numbers will be stored in **Last Dialled**. (Max 50)

If an Incoming call with Caller ID is answered the number will be stored in **Answered**. (Max 50)

If an Incoming call with Caller ID is not answered the number will be stored in **Unanswered**. (Max 20)

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.

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)

Records

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.

Problem	Cause	Remedy
Calls cannot be made from Fixed Dial Store.		Check whether your SIM supports Fixed Dial. Check if the Fixed Dial is switched on. Check whether 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 ▌ 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.

Troubleshooting

Important Error Messages

These are some of the most important error messages which may be displayed:

Please Insert SIM Card	SIM card is not inserted, or is not inserted correctly. Please insert the SIM card correctly.
New Codes Not Same	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
Password Invalid!	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
Can't Access Network	The service network you selected manually is inaccessible. Please contact your service provider.
Unable to Select Network	The service network you selected manually refuse your access. Please contact your service provider.
No Service	There is no network within range or the received signal is weak. Move to an area which has stronger signal.
PIN Blocked! Please Enter PUK	You entered your PIN or PIN2 incorrectly three times in a row. To unblock the PIN, please enter PUK1 or PUK2.

PIN2 Blocked! Please Enter PUK2	You entered your PIN or PIN2 incorrectly three times in a row. To unblock the PIN, please enter PUK1 or PUK2.
New PIN Not Accepted	Your new PIN code is not accepted. Please try again.
New PIN2 Not Accepted	Your new PIN2 code is not accepted. Please try again.
Incorrect Entry!	You entered wrong PIN or PIN2. Please enter the correct one.
Entries Do Not Match!	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
SIM Card Error	Make sure the SIM card is inserted correctly. Clean the SIM card with a dry cloth or check if it is damaged. Contact your service provider.
Function Unsupported	The function you selected is not supported your service provider. Please contact your service provider.
Invalid Password	The password that you entered is not valid. Please enter the correct password.
Not Available	The function you selected is not supported by your service provider. Please contact your service provider.
Service Not Available	The function you selected is not supported by your service provider. Please contact your service provider.

Wrong PUK!	You entered wrong PUK. Please enter the correct one.
SIM Full! Please Delete Old Message!	The SIM storage area for SMS is full. Please delete old messages.
SIM Not Enough Space! Continue?	The SIM storage area is FULL. If you continue data may be lost. Please delete old records.
Not Enough Space! Continue?	The message storage area is FULL. If you continue data may be lost. Please delete old records.
SIM Service Not Support	The SIM function you selected is not supported by your service provider. Please contact your service provider.
Unregistered SIM Card	Your SIM card is not registered to your service provider. Please contact your service provider.
Authentication Failure	Your SIM card is not registered to your service provider. Please contact your service provider.
Blocked	Your SIM card is blocked. Please contact your service provider.

Glossary of Terms

APN	Access Point Name. Directs the user to the gateway or the required service.
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network.
CSD	Circuit Switched Data. A communication method used to transmit data over telephone connections.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes, etc.
EMS	Enhanced Messaging Services. 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.
GPRS	General Packet Radio Service. A GSM transmission technique that transmits and receives data in packets rather than setting up a continuous channel. It makes very efficient use of available radio spectrum and users pay only for volume of data sent and received.
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.
PAP	Password Authentication Protocol. A security feature in the GPRS network.
Password	Used for the control of 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/GPRS 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/GPRS network.
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.
SMS	Short Message Service. A basic mail system used for cellular phones. This service allows sending/receiving short text messages.
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone.

Accessories

Li-Ion Battery (EB-BSG50S)

Double your talk time by having a spare battery.

Fast Travel Charger (EB-CAD55EU)

Fast Travel Charger (EB-CAD55UK)

Carry a lightweight portable charger wherever you go to ensure you always have power to talk.

How to Identify a Genuine Panasonic Accessory

Panasonic produces some of the most advanced mobile phones available. So, as you'd expect from this class leader, the range of accessories are second to none. Most genuine Panasonic accessories will have a label showing an "EB-XXX00" model number.

NOTE: Accessories are subject to change without notice.

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
Profile Name					
Server Name					
IP Address					
IP Port					
Homepage					
Linger Time					
Circuit Switched (CSD)					
Server Name					
Call Type					
Dial Number					
Login Name					
Password					
Packet Switched (GPRS)					
Server Name					
GPRS APN					
Login Name					
Password					
Authentication					

The Serial Number can be found on the outside of the phone under the battery. For your convenience we recommend that you note the following details as a record of your purchase.	
Part Number	
Serial Number	
Dealer Name	
Purchase Date	

Personal Settings

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