Panasonic
EB-G50

Operating Instructions
Digital Cellular Phone

GSM

Before operating this equipment please read these instructions completely

Contents

Important Information

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use. We, Panasonic Mobile Communications Development of Europe Ltd., declare that the EB-G50 conforms with the essential and other relevant requirements of the directive 1999/5/EC.

A declaration of conformity to this effect can be found at **http://www.panasonicmobile.com**

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 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. AU, CN, EU, UK, US.

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

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

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 regulations and may be recycled.

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 where 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. (See "SAR Statement".) 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 equiment should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your phone. Panasonic is not responsible for damage 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; or as specifically stated in the separate declaration leaflet enclosed with this product.

Please refer to our website for latest information/standards and compliance in your country/region of use.
http://www.panasonicmobile.com

Panasonic Mobile Communications Co. Ltd (Panasonic) This phone must be used in compliance with any applicable international or national law or any special restrictions governing its use in specified applications and environments. This includes but is not limited to use in hospitals, aircraft, whilst driving and any other restricted uses.

It is recommended that you create a copy or backup, as appropriate, for any important information and data which you store in your phone's memory. In order to avoid accidental loss of data, please follow all instructions relating to the care and maintenance of your phone and its battery. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Your phone has the capability of storing and communicating personal information. It is recommended that you take care to ensure that any personal or financial information is stored separately from your phone. You should use the security features, such as Phone Lock and/or Sim Lock, provided in the handset as a measure of protection for information held. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Your phone has the capability of downloading and storing information and data from external sources. It is your responsibility to ensure that in doing this you are not infringing any copyright laws or other applicable legislation. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data or any such infringement of copyright or IPR, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

The display layouts and screenshots within this document are for illustrative purposes and may differ from the actual displays on your phone. Panasonic reserve the right to change the information in this document without prior notice.

SAR

European Union – RTTE

THIS **PANASONIC PHONE (MODEL EB-G50)** MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by The Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit recommended by The Council of the European Union is 2.0 W/kg*. Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The SAR value for this model phone, when tested for use at the ear, for compliance against the standard was 0.494 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

*The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band.

For SAR information in other regions please look under product information at **http://www.panasonicmobile.com/health.html**

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 inside.

Do not subject the equipment to excessive vibration or shocks.

Do not drop the battery.

Avoid contact with liquids. If the equipment becomes wet, immediately remove the battery 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 jewellery, keys, 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 under the battery.

Fitting the SIM
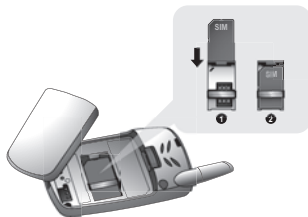
Removing the SIM
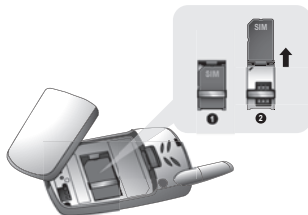
Fitting and Removing the Battery

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

Fitting the battery

Removing the battery
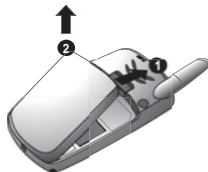
Charging the Battery

Connecting and disconnecting the Fast Travel Charger

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

NOTE: DO NOT force the connector as this may damage the phone and/or the charger. If the battery has been deeply discharged the phone will take a short time until the charge indicator displays.
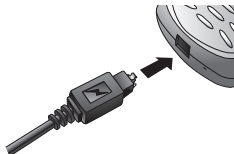
When charging is complete disconnect the charger from the wall socket before removing the plug from the Phone.

Operation of Battery Level Indicator

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

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

Low Battery Warning

When the battery power is low, **Battery Is Low** message will be displayed. If this occurs during conversation, finish your call immediately. The power will automatically 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

Display

Personal Handsfree Connector

2-way Navigation Key

Right Softkey Cancel / Exit Key

Left Softkey

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 Profiles 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 9 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. During key operation, short press to return to the previous display. 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.

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 mail message
T	Indicates it is possible to make emergency call
⫟	SIM supports CPHS and Line1 is selected in Phone Option menu
�ɪɪl	Signal strength
▭ (⫶⫶⫶)	Battery full level: - low battery
♧	Alarm is set
GPRS	GPRS is active

Symbols used in the Manual

$\hat{\mathbb{0}}\,\mathbb{0}$ $\hat{\mathbb{0}}$	Press the Navigation key in the direction indicated by the arrow
◖	Press Left Soft Key
◗	Press Right Soft Key
$\overline{\underset{0\,+}{}}$ ~ $\overline{\underset{9\,wxyz}{}}$	Press numeric key pads
◝	Press to answer a call or call a dialled number
◟	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 ◖(Menu)
   The main menu display has 9 menu options.
   (See "Menu Structure" on page 11.)
2 ◊ required menu ◖(Select)
   OR
   pressing a numeric key will access a menu option directly.

Back to the Menu Display

◝ repeatedly until the display goes back to the Menu display.

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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.

Keys & Displays

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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 ~ 9 wxyz	Hot key dial
*	Browser*
#	Silent mode
🖱	Profile menu
📞	Power on/off
🖱	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

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)

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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, the remaining units will be displayed.

For setting the **Max Cost**, please refer to "Setting the Maximum Cost:" on page 61.

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 $\overline{0 +}$ 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 (▼) 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)

NOTE: Making Emergency calls without a SIM installed 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 30)

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)
	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.
	Phone Book	Open SIM Phonebook or Mobile Phonebook
⌧(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 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 ($\overline{0+}$ ~ $\overline{9\ wxyz}$, $\overline{\#\ \mathstrut}$, $\overline{*}$)

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 connected DTMF tones will be sent after 3 seconds.

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Incoming Call While in a Call

NOTE: Call waiting must be on - see "Setting Call Waiting" on page 59.
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)
	Phonebook	Open SIM Phonebook or Mobile Phonebook
📞(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.

Phone Basics

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My Phone Menu Structure

My Phone

My Phone		
Sounds	(p. 23)	Volume / Ring Tones / Melody Composer / Key Tone / Warning Tone
Display	(p. 27)	Wallpaper / Greeting / Animation / Contrast / Brightness / Colour Themes
Language	(p. 29)	
Alert Type	(p. 24)	Ring & Vibration / Vibration Only / Ring Only / None
Profiles	(p. 21)	Normal / Quiet / Outdoor / Headset
User Messages	(p. 29)	
Auto Answer	(p. 30)	
Any Key Answer	(p. 30)	
Reset Defaults	(p. 30)	
Shortcuts	(p. 31)	
My Phonebook	(p. 31)	SIM / Mobile
T9 Input	(p. 31)	

My Phone

Profile Setting

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)

Brightness

From **My Phone** menu
1 ◊ **Profiles** ⬠(Select)
2 ◊ required profile ⬠(Menu)
3 ◊ **Change Settings** ⬠(Select)
4 ◊ **Brightness** ⬠(Select)
5 ◊ **Medium**, **High**, **Maximum** or **Low** ⬠(Select)

Sound Setting

Changing the Volume ....

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

Changing the Ring Tone..

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

Setting Key Tone ....

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

Setting Warning Tone..

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

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

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 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 #

Rename a melody:

From My Phone menu
1 ◊ **Sounds** ⬕(Select)
2 ◊ **Melody Composer** ⬕(Select)
3 ◊ required music ⬕(Menu)
4 **Rename** ⬕(Select)
5 Enter a name
  • To erase a letter, ⬙(Clear).
  • To erase all letters, press and hold ⬙(Clear).
6 ⬕(OK)

Set to Ringtone:

From My Phone menu
1 ◊ **Sounds** ⬕(Select)
2 ◊ **Melody Composer** ⬕(Select)
3 ◊ required music ⬕(Menu)
4 **Set to Ringtone** ⬕(Select)

Viewing a melody information:

From My Phone menu
1 ◊ **Sounds** ⬕(Select)
2 ◊ **Melody Composer** ⬕(Select)
3 ◊ required music ⬕(Menu)
4 **Info** (Select)

Display

You can change the Idle mode wallpaper displayed.

Setting Wallpaper...

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

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

Setting Greeting..

From **My Phone** menu
1 ◊ **Display** (Select)
2 ◊ **Greeting** (Edit)
3 Enter the Greeting (OK)
4 (On/off)

You can change the displays power on Animation Theme.

Setting Display Animation ....

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

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)

The Display's Colour Themes can be changed.

Setting Colour Themes ....

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

Changing the Language...

From **My Phone** menu

1 ◊ **Language** ☜(Select)

2 ◊ required language ☜(Select)

User messages

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 but only functions when a Personal Handsfree Earpiece is used.

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

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)

Shortcuts

Setting Shortcuts..

From **My Phone** menu

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

```
Access to Shortcuts:
From Idle mode
◊ required shortcuts ⏎ (Select)
```

My Phonebook

Setting SIM or Mobile Phonebook...

From **My Phone** menu

1 ◊ **My Phonebook** ⏎ (Select)
2 ◊ **SIM** or **Mobile** ⏎ (Select)

T9 Text Input

Setting T9 Text 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 56 for detail.

31

Games Menu Structure

Games (or STK)*

```
        ┌──────── Fillip
   [icon]│
        └──────── Classic rally
```
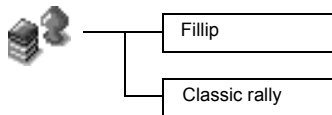
* STK (SIM Tool Kit) is SIM dependent.

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.

Fillip ....

Key Operation:

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

Starting Games:

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

Classic rally ....

Key Operation:

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

Starting Games:

1 Select Start Game by pressing any numeric key except ⌹

2 To choose your car, 🔲 (or ⌹ or ⌹), then ⌹ (Select).
   To choose a race course, 🔲 (or ⌹ or ⌹), then ⌹ (Select)

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

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.

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
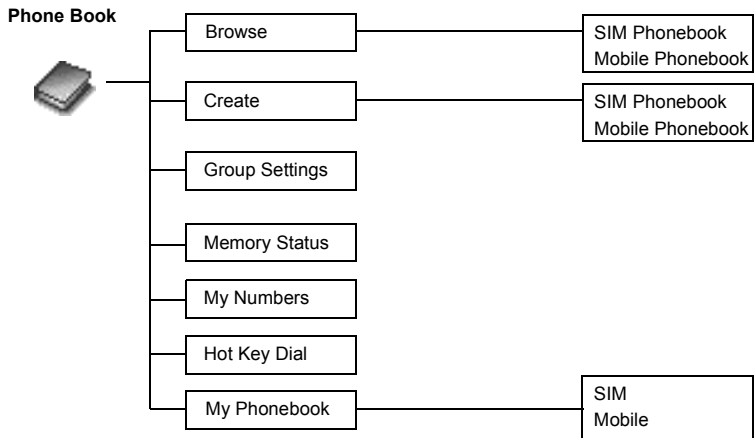
Phone Book

Storing

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

Storing a Number in SIM ....

From **Phone Book** menu
1 ◊ **Create** ▷(Select)
2 **SIM Phonebook** ▷(Select)
3 Enter **Name** ▽ > **Phone number**
4 ▷(Save)
  • **"Saved in SIM"** is displayed.

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

In the phone, you can store:
- **Name**
-**3 Phone Numbers**
 (**Phone**, **office**, **mobile**)
-**Caller's ID**
-**Groups**
-**Melodies**

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

Storing a Number in Mobile Phonebook...

From **Phone Book** menu
1 ◊ **Create** ▷(Select)
2 ◊ **Mobile Phonebook** ▷(Select)
3 Enter **Name** ▽
4 Enter Phone number (**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.

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

The ability to group phonebook entries together is an extra function of the Mobile Phonebook.
Groups are used to collect together types of Contacts entries, e.g. Colleagues and Friends.
You can select a particular sound to the groups to identify them.

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.

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 phonebook where you can store your numbers.

Setting My Numbers...

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

Viewing My Numbers ....

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

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

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 31.

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 $\updownarrow$ **Settings** $\textcircled{\scriptsize{\square}}$ (Select)
2 $\updownarrow$ to select required server $\textcircled{\scriptsize{\square}}$ (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 $\textcircled{\scriptsize{\square}}$ (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 $\textcircled{\scriptsize{\square}}$ (Save) then press $\textcircled{\scriptsize{\square}}$ (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

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)

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.

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
User Messages
Memory Status
Options
Broadcast

Archive →

Inbox
Outbox

Options →

Message Centre
Protocol
Lifetime
Delivery Report

Broadcast →

Broadcast
Read Messages
Topic
Languages
Auto Display
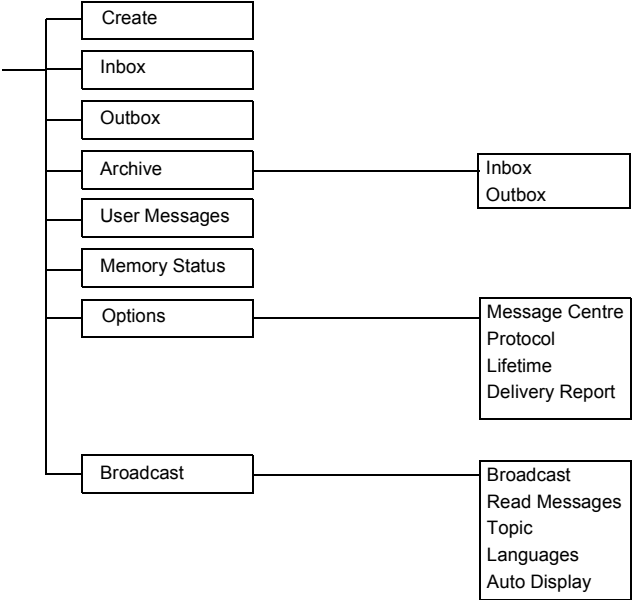
Messages

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

SMS

Setting the Message Centre Number...

From **Messages** menu

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

2 Enter message centre number in international dial format
(see "International Dialling" on page 15) ⌐ (OK)

NOTE: Your network operator may have pre-installed this 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", page 55) ⌐ (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 this 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** 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 and a user preset audible alert will be heard. 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 permanent 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.

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 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 which are stored in SIM.

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

From **Message** menu
1 $\updownarrow$ **Outbox** (Select)
2 $\updownarrow$ required message (Read)

When 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 Inbox
Extract Number	Extract numbers in messages and save in Phonebook
Move to Archive	Move a message from Outbox to Outbox in Archive

Viewing Message Lists in Archive ....

To view message lists which are stored in Archive.

- Inbox: When the message received in Inbox is saved, the message will be saved to **Inbox** in **Archive**.
- Outbox: When the 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)

When 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

Viewing Memory Status...

From **Messages** menu

$\hat{\mathbb{Q}}$ **Memory Status** 🖳(Select)

Options

Setting Options ....

From **Messages** menu

$\hat{\mathbb{Q}}$ **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

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.

Broadcast

Setting Broadcast..

From **Messages** menu

1 ◊ **Broadcast** ⌐(Select)

2 ◊ **Broadcast** ⌐(On/off)

Setting Topic..

From **Messages** menu

1 ◊ **Broadcast** > **Topic** > **Current** > ⌐(Select)

2 ◊ required **Topic** ⌐(Menu)

3 ◊ **Add** or **Delete** ⌐(Select)

Setting User defined Topic ....

From **Messages** menu

1 ◊ **Broadcast** > **Topic** > **User Defined** > **<New entry>** ⌐(Select)

2 **Enter Msg ID** ⌐(OK)

3 **Enter Name** ⌐(OK)

4 ◊ **Current** ⌐(Select)

5 ◊ **<Add Topic>** ⌐(Select)

6 ◊ required **Topic** ⌐(Select)

Setting Language...

From **Messages** menu

1 ◊ **Broadcast** ✏(Select)

2 ◊ **Languages** ✏(Select)

3 ◊ required Language ✏(Select)

4 To continue to add languages;

 ◊ **Insert** ✏(Select)

 To complete adding language;

 ◊ **Add to End** ✏(Select)

Viewing Broadcast...

From **Messages** menu

1 ◊ **Broadcast** > **Read Messages** ✏(Select)

2 To scroll to the available topics ✏(Next)

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

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)

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

If Input mode is changed, Shift mode is initialised.

Auto capital change...

Auto capital affects Abc and T9Abc.

If Input mode is changed to Abc or T9Abc, the first character is input as upper case and subsequent letters as lower case.

(Input mode indicator changes to abc or T9.)

If these characters [. (Period) or ! or ?] are input, the next character is input as upper case. (Input mode indicator changes to Abc or T9Abc.)

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 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 $\overset{\square}{\curvearrowleft}$ 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 $\square$ (Clear) to delete previous text, if necessary.

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

    3. Press $\overline{\underset{2\,abc}{\frown}}$ $\overline{\underset{2\,abc}{\frown}}$ $\overline{\underset{5\,jkl}{\frown}}$ $\overline{\underset{5\,jkl}{\frown}}$ "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 Text Input" on page 31.

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		
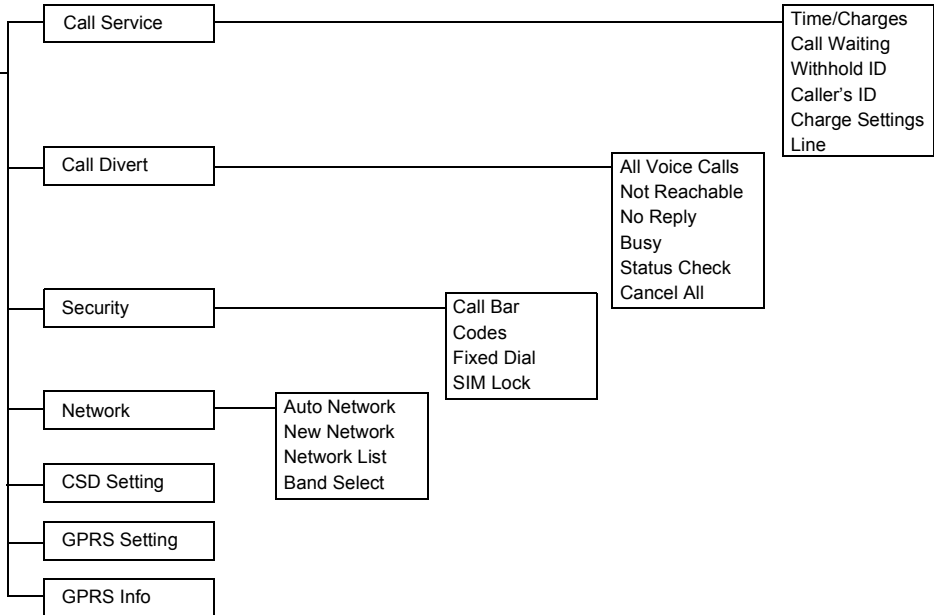
Phone Option

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**, please refer to "Setting the Maximum Cost:" on page 61.

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

Setting Call Waiting ....

From **Phone Option** menu

1 ◊ **Call Service** > **Call Waiting** ◌ (Select)

2 **Set** ◌ (Select)

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

Withhold ID /Caller's ID ....

From **Phone Option** menu

1 ◊ **Call Service** ⌐(Select)

2 **Withhold ID** or **Caller's ID** ⌐(Select)

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

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

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)

Setting Personal Rate:

From **Phone Option** menu

1 ◊ **Call Service** > **Charge Settings** > **Personal Rate** ⌐(Select)

2 ⌐(Set)

3 Enter PIN2 code ⌐(OK)

4 Press required personal rate ⌐(OK)

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

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

Setting the Maximum Cost:

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

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

Setting Auto Display:

From **Phone Option** menu
1 ◊ **Call Service** > **Charge Settings** (Select)
2 ◊ **Auto Display** (On/off)

Setting Phone Line ....

This menu is selectable only if your SIM supports CPHS and Line 1/2.

NOTE: This function is SIM dependent.

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.

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

Security

Setting Call Bar ....

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.

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

Phone Option

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.

Codes

Change Phonecode...

From **Phone Option** menu
1 ◊ **Security** > **Codes** (Select)
2 ◊ **Change Phonecode** (Select)
3 Enter New Phonecode (OK) x2

Enabling/Disabling the PIN..

From **Phone Option** menu
1 ◊ **Security** > **Codes** (Select)
2 ◊ **PIN Control** (Set)
3 Enter PIN number (OK) x2

Changing the Security Code ....

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

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

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)

➢ 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

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.
- see "Server Setting" on page 41.

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

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
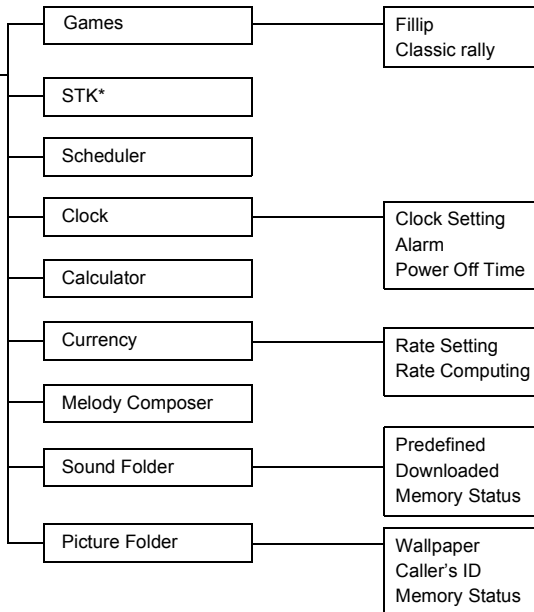
*NOTE: STK (SIM Tool Kit) is SIM dependent

Applications

Games

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

• Please refer to "Games" on page 33.

STK (SIM Took Kit)

This function is SIM dependent.

The Scheduler can be used to register reminders for personal events as well as planning holiday periods. Set clock first.
In the Scheduler, you can store:
-**Type** (Memo or Meeting)
-**Description**
-**Start Date**
-**Start Time**
-**End Date**
-**End Time**

Scheduler

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 4 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 4.
(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" on page 1.

Clock

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

Time Zone Setting...

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

Time & Date Setting...

From **Applications** menu
1 ◊ **Clock** > **Clock Setting** > **Time & Date** ⬡(Select)
2 ◸(Set) enter the digits for the time ⬡(OK)

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

Time Display Setting...

From **Applications** menu
1 ◊ **Clock** > **Clock Setting** ⬡(Select)
2 ◊ **Display Time** ⬡(On/off)

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" 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 ◊ Select from **Repeat Daily**, **Once** or **Disabled** ☜(Select)

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

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

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

Currency

Setting the currency value ....

From **Applications** menu

1 ◊ **Currency** ⏥(Select)

2 ◊ **Rate Setting** ⏥(Select)

3 On the right side of the screen, enter your home currency rate to the

currency which you want to convert with ⏥(OK)

4 ⏥(Save)

Rate Computing...

From **Applications** menu

1 ◊ **Currency** ⏥(Select)

2 ◊ **Rate Computing** ⏥(Select)

3 Enter the amount of currency which you want to convert into your

home currency ⏥(Convert)

Melody Composer

Please refer to "Composing a Melody" on page 25.

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)

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)

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 ⓠ **Picture Folder** (Select)
2 ⓠ **Memory Status** (Select)
  • **Free Space** and **Total Used** are displayed.
  • To return to the previous menu, (OK)

Records Menu Structure

```
Records          ┌─ Last Dialled
                 │
                 ├─ Answered
                 │
                 ├─ Unanswered
                 │
                 └─ Erase Records ──┬─ Erase Last Dialled
                                    │  Erase Answered
                                    │  Erase Unanswered
                                    │  Erase All
```
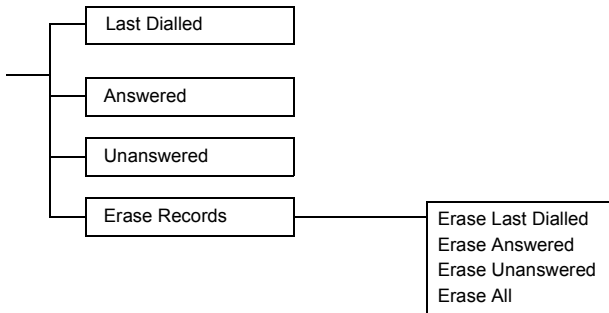
Records

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.

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)

Troubleshooting

Should any problem persist contact your dealer.

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

Troubleshooting

Problem	Cause	Remedy
Calls cannot be made from Fixed Dial Store.		Check 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.

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.

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	250 entries + SIM
Animation Themes	2
User Composed Melody	5
Games	2
Backlight Colours	1 (White)
Ring Tones	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:** Specifications are subject to change without notice.

> ***NOTE: Talk and Standby time depend on network conditions, SIM usage and battery condition.**

> ****NOTE: Charging time depends on usage and battery condition.**

Accessories

Li-Ion Battery (EB-BSG50)

Double your talk time by having a spare battery.

Fast Travel Charger (EB-CAD55UK)

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

Fast Travel Charger (EB-CAD55EU)

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
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					
Packet Switched (GPRS)					
Name					
Account					
Password					
Apn name					
Auth type Normal / Secured / None (PAP) (CHAP)					

Licencing

CP8 Patent

CE0700

Tegic

T9® is a trademark of Tegic Communications Inc.T9R Text Input is licenced under one or more of the following: U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928 and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329;
Republic of Singapore Pat. No. 51383; Euro. Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT.ES, SE, GB; and additional patents are pending worldwide.

OpenWave

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

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EU Warranty

EU/EEA – Wide guarantee is applicable in the EU/EEA and Switzerland.

Panasonic GSM European Service Guarantee Conditions

Dear Customer,
Thank you for buying this Panasonic digital cellular telephone. The Panasonic GSM European Service Guarantee only applies while travelling in countries other than where the product was purchased. Your local guarantee is applicable in all other cases. If your Panasonic GSM telephone requires service while abroad, please contact the local service company shown on this document.

The Guarantee
The applicable period of the European wide guarantee for GSM is generally 12 months for the main body and 3 months for the rechargeable battery. With respect to a product used in a country other than a country of purchase, notwithstanding what is stated in the conditions below, the customer will benefit, in that country of use, from these guarantee periods of, respectively, 12 and 3 months, if these conditions are more favourable to him than the local guarantee conditions applicable in such country of use.

Conditions of Guarantee
When requesting guarantee service the purchaser should present the warranty card together with proof of purchase, to an authorised service centre.
The guarantee covers breakdowns due to manufacturing or design faults; it does not apply to other events such as accidental damage, however caused, wear and tear, negligence, adjustment, modification or repair not authorised by us.
Your sole and exclusive remedy under this guarantee against us is the repair, or at our option the replacement, of the product, or any defective part or parts. No other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
This is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. This guarantee applies in countries shown on this document at the authorised service centres detailed for that country.

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ELECTRONIQUE SERVICE
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34970 LATTES
Tél. : 04.67.15.96.30
Fax : 04.67.20.04.72

GENERAL ELECTRONIQUE
16 rue Joseph Cugnot
F.I. Bracheux
60000 BEAUVAIS
Tél. : 03.44.89.79.00
Fax : 03.44.05.16.96

Négoce Technique etMaintenance
40 boulevard Bessières
75017 PARIS
Tél. : 01.44.85.21.66
Fax : 01.42.29.60.05

S.B.E.
F.I. de la Liane
BP 9
62360 SAINT LEONARD
Tél. : 03.21.10.10.21
Fax : 03.21.80.20.10

NL

Service-centra in Nederlands

Panasonic-Centre Nederland
(Servicom bv)
P.O Box 16280
2500 BG
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Tel. +31 703314314

Fonweg 60
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E

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S

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EU Warranty

N

Servicesenter I Norge

Norsk Elektronikksenter
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International Technologies
Αφροδίτης 26, 167 77 Ελληνικό
Ταχ. Θυρ.: 738 21, 167 10 ΕΛΛΗΝΙΚΟ
Τηλ. Κέντρο: (01) 9692.300
Υποκατάστημα Βόρειας Ελλάδας:
Κ. Καραμανλή 11, 54638 ΘΕΣΣΑΛΟΝΙΚΗ
Τηλ. Κέντρο: (031) 245.840-3

P

Centros de Assistência em Portugal

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B

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DELTA ELECTRONICS
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VIDEO TECHNICAL SERVICE
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SERVICE CENTER
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L

Centres de service après-vente au Luxembourg

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TR

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KAĞITHANE CADDESI SEVİLEN SOKAK NO. 58 80340 ÇAĞLAYAN-
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Fax: 90-212-220-60 94

ANKARA BRANCH OFFICE
GÜVEN MAH.FARABI SOKAK NO: 38/6 06690 KAVAKLIDERE-
ANKARA
Tel: 90-312-467 30 94/2 Lines pbx
Fax: 90-312 467 85 38

İSMİR BRANCH OFFICE
CUMHURİYET BULVARI NO:330 K.:6 D.:608 SEVİL İŞ MERKEFİ
35520 ALSANCAK-İFMİR
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Fax: 90-232-422 67 44

BURSA BRANCH OFFICE
ŞEHREKÜSTÜ MAHLLESİ DURAK CADDESİ NO.:7 BURSA
Tel: 90-224-225 10 46 pbx
Fax: 90-224-223 81 03

ADANA BRANCH OFFICE
REŞATBEY MAH.FUFULİ CAD.GÜLEK SİTESİ A BLOK NO: 75b
01120 ADANA
Tel: 90-322-458 39 52 pbx
Fax: 90-322-453 21 32

TRABFON BRANCH OFFICE
MARAŞ CAD.MARAŞ APT.NO:51 D.:2 61200 TRABFON
Tel: 90-462-321 33 08
Fax: 90-462-326 37 78

ANTALYA BRANCH OFFICE
ALTINDAĞ MAH. 146 SOKAK ÖFKOÇ APT.NO:9/1-2A ANTALYA
Tel: 90-242-243 23 70 / 3 Lines
Fax: 90-242-243 23 72

DİYARBAKIR BRANCH OFFICE
LİSE CADDESİ GÖKALP APT.NO: 18/A DİYARBAKIR
Tel: 90-412-228 73 00
Fax: 90-412-223 59 00

EU/EEA – Wide Guarantee: Conditions applicable in any country other than the country of original purchase.

When the purchaser finds the appliance to be defective, he should promptly contact the proper sales company or national distributor in the EU/EEA country where this guarantee is claimed, as indicated in the "Product Service Guide" or the nearest authorised dealer together with this guarantee and proof of date of purchase. The purchaser will then be informed whether:

(i) the sales company or national distributor will handle the repair service; or

(ii) the sales company or national distributor will arrange for trans-shipment of the appliance to the EU/EEA country where the appliance was originally marketed; or

(iii) the purchaser may himself send the appliance to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed.

If the appliance is a product model which is normally supplied by the sales company or national distributor in the country where it is used by the purchaser, then the appliance, together with this guarantee card and proof of date of purchase, should be returned at the purchaser's risk and expense to such sales company or distributor, which will handle the repair service. In some countries, the affiliated sales company or national distributor will designate dealers or certain service centres to execute the repairs involved.

If the appliance is a product model which is not normally supplied in the country where used, or if the appliance's internal or external product characteristics are different from those of the equivalent model in the country where used, the sales company or national distributor may be able to have the guarantee repair service executed by obtaining spare parts from the country where the appliance was originally marketed, or it may be necessary to have the guarantee repair service executed the sales company or national distributor in the country where the appliance was originally marketed.

In either case, the purchaser must furnish this guarantee card and proof of date of purchase. Any necessary transportation, both of the appliance and of any spare parts, will be at the purchaser's risk and expense, and there may be a consequent delay in the repair service.

Where the consumer sends the appliance for repair to the sales company or national distributor in the country of use of the appliance, the service will be provided on the same local terms and conditions (including the period of guarantee coverage) as prevail for the same model appliance in the country of use, and not the country of initial sale in the EU/EEA. Where the consumer sends the appliance for repair to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed, the repair service will be provided on the local terms and conditions prevailing in the country of initial sale in the EU/EEA.

Some product models require adjustment or adaptation for proper performance and safe use in different EU/EEA countries, in accordance with local voltage requirements and safety or other technical standards imposed or recommended by applicable regulations. For certain product models, the cost of such adjustment or adaptation may be substantial and it may be difficult to satisfy local voltage requirements and safety or other technical standards. It is strongly recommended that the purchaser investigates these local technical and safety factors before using the appliance in another EU/EEA country.

This guarantee shall not cover the cost of any adjustments or adaptations to meet local voltage requirements and safety or other technical standards. The sales company or national distributor may be in a position to make the necessary adjustments or adaptations to certain product models at the cost of the purchaser. However, for technical reasons it is not possible to adjust or adapt all product models to comply with local voltage requirements and safety or other technical standards. Moreover, where adaptations or adjustments are carried out the performance of the appliance may be affected.

EU Warranty

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If in the opinion of the sales company or national distributor in the country where the appliance is used the purchaser has the necessary adjustments or adaptations to local voltage requirements and technical or safety standards properly made, any subsequent guarantee repair service will be provided as above indicated, provided the purchaser discloses the nature of the adjustment or adaptation if relevant to the repair. (It is recommended that the purchaser should not send adapted or adjusted equipment for repair to the sales company or national distributor in the country where the appliance was originally marketed if the repair relates in any way to the adaptation or adjustment.)

This guarantee shall only be valid in territories subject to the laws of the European Union and the EEA.

Please keep this guarantee with your receipt.

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	