Panasonic

Operating Instructions EB-G60U

Digital Cellular Phone

GSM

Before operating this equipment please read these instructions completely.

Important Information

We, Matsushita Mobile Communications Development of Europe Ltd, declare, that the EB-G60 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/support**

Important Information

THIS PANASONIC PHONE (MODEL EB-G60U) 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 1.6 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 1.0 W/kg averaged over a 10g mass. 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 1.6 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.

FCC RF Exposure Requirements: For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with COMPAL accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

SAR standard limit is 1.6 W/kg

RF exposure FCC

Tests for SAR are conducted using standard operating positions specified by the FCC 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 operation 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 wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models,depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

Important Information

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

Health and Safety Information FCC

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/ general population exposure limits specified in ANSI/IEEE Std. C95. 1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-200X (Draft 6.5, January 2002).

Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

Safety Considerations

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

This equipment should only be charged with approved charging equipment. Other usage will invalidate any approval given to this apparatus and may be dangerous. The use of approved charging equipment is recommended to ensure optimum performance and avoid damage to your phone. Ensure the voltage rating of the Fast Travel Charger is compatible with the area of use when travelling abroad.

A Fast Travel Charger is supplied with the Main Kit. Other recommended equipment for charging - Car Charger.

Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular phone services to the offender, or legal action or both.

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

Important Information

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

It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a Handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area you are driving and observe them at all times.

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

For most efficient use hold the phone as you would any normal phone. Your G60 cellular phone is fitted with an internal antenna, located in the upper portion of the phone, back of the display screen. To avoid deterioration of signal quality or antenna performance, do not touch or "cup" the antenna area while the phone is switched on.

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

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

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

Do not subject the equipment to excessive vibration or shock.

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

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

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

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.

Quick Reference

	Press to select
	Direction which the user can move around the display screen using the Navigation key
Menu	Representation of screen menu option
	Secondary Softkey
	Negative soft key/Back-key
	Numeric key pads
	Answer a call or call a dialled number
	Press to end a call or return to Idle screen. Press and hold to switch the phone on or off.
	Indicates that a function is SIM Dependent
	Indicates that a function is Network Dependent

Contents

Important Information ..... **i**
Safety Considerations iii
Care and Maintenance ..... **v**
Quick Reference ..... **vi**
Getting to Know Your Phone ..... **x**
Location of Controls x
Getting Started **1**
Fitting the SIM 2
Removing the SIM 2
Fitting the Battery 3
Removing the Battery 3
Charging the Battery 4
Operation of Battery Level Indicator 5
Low Battery Warning 5
Fitting Image-In 5
The Display 6
Menu System Overview 7
Selecting a Function 8
Basic Operation **10**
Switching On & Off 10
Making a Call 10
International Dialling 11
Emergency Calls 11
Ending a Call 11
Answering a Call 11
Caller Identification 12
Volume Control 12
Locking the Phone 12
Using the PIN 13
Setting Ring Volume 14
Setting Quiet Mode 14
Phonebook **15**
Browsing Phonebook 16
Retrieving a Number 16
Speed Dialling 17
Editing Phonebook Entries 18
Synchronizing Phonebooks 19
Review the Phonebook Status 19
Grouping Phonebook Entries 20
Info Dial and Service Dial 22
My Numbers **23**
Personalising Your Phone **24**
Changing the Language 24
Add a Start-up Greeting 24
Idle Screen Image 25
Changing Screen Saver Image 26

Turning Screen Saver On & Off 26
Colour Themes 27
Changing Sound Profiles 27
Editing Sound Profiles 28
Download Data ( ) 29
Media Folders 29
Composing a Melody 30
Setting the Backlight Time 31
Contrast 31
Operator Notice 32
Restoring the Default Phone Settings 32
Phone Security 33
Enabling Key Guard 34
Disabling Key Guard 34
Changing the Security Codes 35
Restricting Calls 35
Applications 37
Clock 37
Setting the Time 37
Setting the Alarm 38
Muting the Alarm 39
Setting a Power On / Off Time 39
Calculator 40
Messaging 41
SMS/EMS: Setting up the Phone 42
Creating a Text Message 44
Concatenated messages 46
Receiving Text Messages 46
Responding to Text Messages 47
Chat SMS 48
MMS: Setting Up the Phone 49
MMS Configuration 50
Creating an MMS Message 51
Managing Message Lists 53
Cell Broadcasts 54
Call Information 56
Recent Numbers 56
Call Duration 57
GPRS Call Duration 58
Call Charges 58
Setting the Unit Price 59
Setting the Maximum Unit Level 59
Call Identification 60
Advanced Operation 61
Diverting Calls 61
Holding Calls and Call Waiting 62
Making a Second Call 62
Receiving a Second Call 63
Accepting a Second Call 63
Rejecting a Second Call 63
Ending Current Call to Receive Another 63

Operation During Two Calls ... 63
Call Transfer ... 64
Multi-party Calls ... 64
Changing to a New Network ... 66
Schedule ... 67
Creating a Reminder ... 67
Viewing & Editing Reminders ... 68
Games ... 69
Embedded Games ... 69
Downloadable Games ... 69
Game Settings ... 70
Managing Multimedia Files ... 71
Displaying Pictures and Animations ... 71
Playing Melodies ... 72
Renaming Files ... 72
Creating Mail from Files ... 73
Deleting Files ... 73
Checking File Properties ... 73
Checking Folder Properties ... 74
WAP Browser ... 75
Browser Settings ... 75
Activating the Browser ... 78
Navigating Content ... 78
Browser Menu ... 79
Using Bookmarks ... 81
Deactivating the Browser ... 82
Additional Features ... 83
Voice Memo ... 83
DTMF Tones ... 85
Note Pad ... 85
Desktop Handsfree ... 86
Auto Answer ... 86
Camera Accessory ... 87
Taking a picture ... 87
Camera Accessory ... 87
Camera Options ... 88
Text Entry ... 89
T9® Text Input ... 90
Other Text Modes ... 90
Editing Text ... 90
Trouble Shooting ... 91
Important Error Messages ... 93
Glossary of Terms ... 95
Specifications ... 97
Phone (Including Battery) ... 97
EU Warranty ... 98
Personal Settings ... 104
Menu Structure ... 105
Note ... 106
Licensing ... 107

Getting to Know Your Phone

Location of Controls

Getting Started

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM850, GSM1900. It also supports GPRS for packet data connections. Ensure the battery is fully charged before use.

Before operating this phone please read the* Important Information *section - see page i.

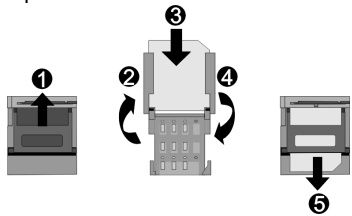
These operating instructions detail use of the equipment contained in the Main Kit.

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 the SIM

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

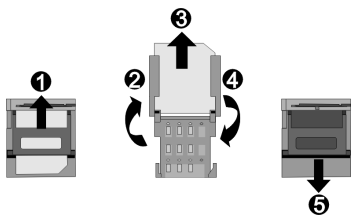
1 Remove the battery - see *Removing the Battery* page 3.
2 Unlock the SIM retainer by sliding it up towards the top of the phone (❶).
3 Gently raise the SIM retainer (❷).
4 Place the SIM into its recess, ensuring the bevelled corner is positioned in the top right corner (❸).
5 Move the SIM retainer back into position (❹) and secure by sliding downwards (❺). The SIM retainer is properly locked when it has clicked into position.



Note: Ensure the SIM retainer is properly locked into position. Failure to do so will inhibit the fitting of the battery and the battery cover.

Removing the SIM

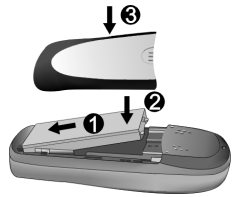
1 Unlock the SIM retainer by gently pushing towards the top of the phone (❶).
2 Gently raise the SIM retainer (❷) and remove the SIM (❸). Return the SIM retainer to its flat position (❹) and ensure it is correctly locked (❺) before refitting the battery and battery cover.



Fitting the Battery

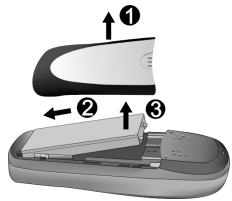
1 Insert the battery bottom first so that the connectors touch those on the phone.

2 Press gently downwards and simultaneously slot the top of the battery into place.



Removing the Battery

Ensure the phone is switched off and the charger is disconnected from the phone before removing the battery. Lever the battery out from the notch in the top edge.

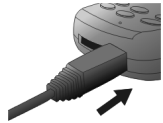


Charging the Battery

Connecting the Fast Travel Charger

The battery must be fitted in the phone before the charger is connected.

Insert the connector into the base of the phone, ensuring the arrow on the connector is to the front of the phone.

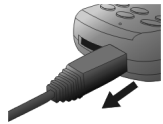


Note: DO NOT force the connector as this may damage the phone and /or the charger.

Connect the charger to the mains power supply. The battery level indicator will scroll right to left during charging.

Disconnecting the Fast Travel Charger

When charging is complete, disconnect the charger from the mains power supply.



Operation of Battery Level Indicator

	While charging	Charging complete
Phone on		
Phone off		Charging indicator off

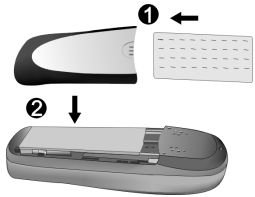
It is recommended that the battery is fully discharged between charges to maintain optimum battery life and performance.

Low Battery Warning

When the battery power is low, the battery indicator will be coloured red. If battery power is critically low, a warning tone will sound, and a **BATTERY IS EMPTY!** message will be displayed. If this occurs during conversation, finish your call immediately. The power will automatically shut off after the warning tone. Fully recharge the battery. See *Charging the Battery*, page 4. Calls can be made and received while the phone is charging.

Fitting Image-In

Customised image cards may be fitted to the rear of the phone, behind the transparent rear cover. An Image-In template is included with your phone.



The Display

Following some operations the display will automatically clear after three seconds or after pressing any key.

Status Icons

The status icons are displayed 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.

	Indicates **Battery Level**: (green)- full, (red) - low battery
	Displayed when you are registered to a non-home network - **Roaming**
	White icon indicates a new message has been received. Red icon indicates the message store is full.
	Indicates **Alarm** is set
	Indicates **Call Divert** is enabled
	Voicemail activated
	Indicates **Ringer** is enabled (= vibration mode / = vibrate + ring / = flashing mode)
	Indicates GPRS service available
	Indicates it is possible to make emergency calls only
	GSM signal strength: - weak signal, - strong signal

Menu System Overview

The menu system provides the means for accessing all the functions that do not have their own dedicated buttons on the keypad. Each menu contains a list of options. Some menus have further submenus.

The submenus and functions are selected using the five-way **Navigation key** (‹◌›).

The diagram below gives an overview of the contents of the menus to help you find your away around. This is just a summary. Keep reading to discover everything your phone has to offer.

My Phone

Set interface language

Choose ring tones and alert method

Customize your colour scheme

Change idle screen picture and screen saver

Phonebook

Create and manage your phonebook

Group friends and contacts to make their calls easy to identify and their numbers easy to find

Put your closest friends and contacts on your Hot Key Dial List for instant dialling

Synchronise your SIM and Mobile Phonebooks

Browser

Access and surf the Internet

Configure browser settings

Games

Access preinstalled and downloaded games. Availability of downloadable games is network dependent

Phone Option

Access security features and call services

Set up call diversion

If an STK SIM card is fitted, this menu gives access to operator-specific functions. The Phone Option menu can also be accessed from the Accessories menu.

Messages

Compose and send text and multi media messages

Add sounds and images to messages

Key Guard

Guard your phone against accidental use

Scheduler

Add and view events in your personal schedule

Applications

Download games (depending on your network)

Record and listen to voice memos

Make use of built-in calculator, write your own ring tones and change clock settings

Selecting a Function

Use ◉ and ◈ to move between the icons on the screen. When a particular menu is highlighted, pressing ◉ displays a submenu. From any submenu, use ◈ until the required item is highlighted. Press ◉ to select.

For example, to change Sound Setting (to switch ringtone):

1. From the **Idle** screen, press ◉ to display the main menu
2. Use ◈ to highlight the **My Phone** menu
3. Press ◉ to enter the menu
4. Use ◈ once to highlight the **Sound Settings** menu and press ◉ to enter
5. Use ◈ to highlight the mode you wish to set and press ◉ to enter
6. Press ◉ to activate your chosen mode

Following some operations the display will automatically clear after three seconds. If this is not the case press ⏻ to return to the idle screen.

Shortcuts (▢)

When familiar with the layout of the menu, use the keypad to enter the Menu Number. This will allow the user to obtain the required function without having to navigate through the display menus. To change Sound Setting, for example, from the Idle screen, press ◉ to display the main menu, then press 12 to enter the **Sound Settings** submenu.

Basic Operation

This section contains the information you need for the most essential phone operations, including:

- How to switch on and off
- How to make and end a call
- How to answer a call
- How to change earpiece volume
- How to lock the phone
- How to protect the phone using a PIN
- How to change ring volume

Switching On & Off

To turn the phone on or off, press and hold down .

When the phone is switched on a greeting will be displayed and then the phone will go into Idle. The Greeting can be set in the My Phone > Display Settings > Greeting menu. See *Adding a Start-up Greeting*, page 24.

Making a Call

Ensure that the phone is switched on, the network operator logo is displayed and the signal strength meter shows network coverage is available in the current area.

1. Enter area code and phone number
2. Press

International Dialling

The international code for the destination country / region should be entered , followed by the area code and phone number.

To enter the international code, select an international line by pressing 0+ until + appears, then enter the country / region code (e.g. 44 for the UK; 81 for Japan).

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 Calls

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

To made an emergency call, enter 112 then press

Ending a Call

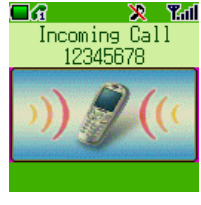
To end a call, press

Answering a Call

To receive a call, the phone must be switched on and the signal strength meter must be displayed.

Press any key except to answer a call

Press to reject a call



Note: If a call is not answered or is rejected, the number of incoming calls missed will be displayed. Press any key to clear the display.

Caller Identification

The caller's phone number, and name if stored in the Phonebook, will be displayed during an incoming call.

Note: Caller Identification may not always be available.

Volume Control

The volume level may be adjusted during a call:

Use ⊖ to decrease the volume; use ⊕ to increase the volume

Note: Volume control for the Personal Handsfree accessory is adjusted in the same manner.

Locking the Phone

With the Phone Lock enabled you will be restricted to answering incoming calls only. The Phone Lock Code is factory set to **0000**.

1 From **Idle** press ◉ and select (**Applications** >) **Phone Option** > **Security** > **Phone Lock**. Press ◉
2 From the submenu select **Status**
3 Select **On** and press ◉
4 Enter the 4-digit code and press ◉

The lock icon will be displayed in the primary selection area.

Unlocking the Phone

Enter your Lock Code. The lock icon will be replaced by **OK**. Press ◉ to confirm.

As long as the Phone Lock is enabled, whenever you turn on the phone, the Lock Code will need to be re-entered to activate the code.

Changing Phone Lock Code

You should change your phone lock code to a 4-digit number of your own choice.

1. From **Idle** press ◉ and select (**Applications** >) **Phone Option** > **Security** > **Phone Lock**. Press ◉
2. From the submenu select **Change Code** and press ◉
3. Enter the **Old Unlock Code** and press ◉
4. Enter a **New Unlock Code** and press ◉
5. Re-enter the **New Unlock Code** to confirm. Press ◉ to complete the change.

Disabling Phone Lock

The phone must be unlocked before the phone lock can be disabled.

1. From **Idle** press ◉, select (**Applications** >) **Phone Option** > **Security** > **Phone Lock**. Press ◉
2. From the submenu select **Status** and press ◉
3. Select **Off** and press ◉
4. Enter the 4-digit code and press ◉

Using the PIN

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

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

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

Contact your service provider for the PUK/PUK2 code.

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

Enabling/Disabling the PIN

1. From **Idle** press ●, select (**Applications** >) **Phone Option** > **Security** > **PIN**. Press ●
2. Select **Status**
3. Select **On** or **Off** from the submenu
4. You will be prompted to enter the PIN. On first use, enter PIN of your choice (Between 4 and 8 digits) and press ●

Setting Ring Volume

With the G60U, you can set up your phone in different modes depending on your environment, allowing different ring tones and volumes in different situations.

To change ring volume for any sound profile:

1. From **Idle** press ●, select **My Phone** > **Sound Settings**
2. Select the profile you wish to adjust then select **Edit** > **Ring Volume**
3. Use ◊ to set the volume level

Turn to *Personalising Your Phone*, page 24, for more information on setting different ring modes.

Setting Quiet Mode

You may wish to set at least one mode as a silent mode. To do this, set **Call Alert Method** for that mode to **Vibration**:

1. From **Idle** press ●, select **My Phone** > **Sound Settings**
2. Select the profile you wish to adjust then select **Edit** > **In-Call Alerting**
3. Select **Vibration**

Note: Once you have set the ring volume / type for a mode, you can make that the active mode at any time by selecting **My Phone** > **Sound Settings**, choosing the desired mode then choosing **Activate**. Turn to *Personalising Your Phone*, page 24, for more information on setting different ring modes.

Phonebook

Phone numbers can be stored in two locations:

In the **SIM Phonebook** (), where the number of entries and lengths of names and numbers are SIM dependent.

In the **Mobile Phonebook**, where phonebook entries can be grouped together and additional data can be stored with numbers. This phonebook is retained even if you change your SIM.

This section tells you all you need to know about:

- Managing your Phonebooks
- Finding entries in your Phonebooks
- Speed Dialling
- Grouping Phonebook entries to make calls easier to identify and numbers easier to find

Note: See *Text Entry*, page 84, for information on text entry methods available for making Phonebook entries.

To Store a Number in the SIM Phonebook

1. From **Idle** enter the phone number and press
2. From the menu select **SIM Phonebook** and press
3. Select **Name**, press and enter identifying name. Press
4. Select **No.** and confirm the phone number. Press
5. Press to save

To Store a Number in the Mobile Phonebook

1. From **Idle** enter the phone number and press
2. From the menu select **Mobile Phonebook** and press
3. Select **Name**, press and enter identifying name. Press
4. Select **No.** and confirm the phone number. Press
5. Select and enter **Email** address. Press (optional)
6. Select a **Group** - see *Grouping Phonebook Entries* - into which to place the entry (optional)
7. Enter a **Hot Key Dial** number from to (optional)

Browsing Phonebook

You can browse both Phonebooks simultaneously by name. Use the direction keys to move through the contact list or press a lettered key to skip to the first entry starting with that letter.

1. From **Idle** press
2. Use (or the lettered keys) to select the entry you wish to browse

Retrieving a Number

1. Browse to locate and highlight the desired number in the Phonebooks
2. Press to dial the number

Speed Dialling

Last Number Called

From **Idle** press twice

Hot Key Dialling

From **Idle** press and hold the appropriate hot key number.

To view your hot key dial list, from **Idle** press , select **Phonebook** > **Hot Key Dial List**

Assigning Hot Keys

To assign a hot key to a frequently used number:

1. Browse to locate and highlight the desired number in the Phonebooks. Press
2. Select **Edit > Hot Key Dial**
3. Enter the Hot Key dial number (from to) for this entry

Note: If the Hot Key number is already taken, an **ID Used** message will appear.

Note: Some Hot Key Phone numbers may be reserved by the Service Provider. For example the first three Hot Key Phone numbers may be linked to Service Dial ( ).

Info Numbers or Service Dial

Your Service Provider may program some special phone numbers into your SIM ( ). It is not possible to modify these:

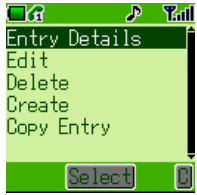
1. Press and hold
2. Use to browse through the Service Dial list of phone numbers

Editing Phonebook Entries

It is possible to view **Entry Details**, **Edit**, **Delete, Create** or **Copy Entry** information from the Phonebooks. To access any of these functions:

With a phone number or name highlighted:

1. Press ◉ to select the submenu
2. Use ◎ to cycle through **Entry Details**, **Edit**, **Delete, Create** or **Copy Entry**
3. Press ◉ to select an option



Entry Details

Displays each element of the selected Phonebook entry: Name, number and location of entry (SIM or phone). Press ◉ to edit the name or number.

Edit

Displays the entry allowing you to make changes as required. Press ◉ to save any changes and ⊟ when you have completed editing.

Delete

Deletes the entry from the Phonebook. Press ◉ to confirm deletion.

Create

Creates a new entry in the Phonebooks. Select SIM Phonebook or Mobile Phonebook as entry location.

Copy Entry

Use to copy an entry between Phonebooks.

Synchronizing Phonebooks

Keep your SIM and Mobile Phonebooks in step by synchronizing their contents regularly. You can copy individual entries between phonebooks (see *Editing Phonebook Entries*, page 18) or simply copy the entire contents of one phonebook into the other. To do this:

1. From Idle, press ◉ and select **Phonebook > Copy Entries**. Press ◉
2. Use ◌ to either copies the entries of **SIM to Phone** or **Phone to SIM**. Press ◉ to select

Review the Phonebook Status

The Review function in the Phonebook menu shows how many locations are available in the two Phonebooks.

1. From **Idle** press ◉, select **Phonebook** > **Review**
2. Use ◌ to select **SIM Phonebook** or **Mobile Phonebook** and press ◉

A summary of the selected Phonebook will be displayed.

Grouping Phonebook Entries

Groups are used to collect together types of Phonebook entries, for example business and personal. Each group can be suitably titled for quick access to the entries contained within.

An alert profile can be attributed to groups (or individual phone numbers) allowing incoming call alerts to be tailored to indicate the type of caller.

Adding a Number to a Group

You can store numbers in up to 10 groups. To add a number from your Mobile Phonebook to a group:

1. From **Idle** press
2. Use (or the lettered keys) to select the entry you wish to add. Press to reveal the submenu
3. Select **Edit**. If the entry is stored in the Mobile Phonebook, its group location will be shown (**Group: None** is displayed if the number does not belong to a group)
4. Select Group and press
5. Scroll through the list of available groups and select whichever is appropriate

Retrieving a Number from a Group

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**
2. Use ⇕ to select the group
3. Press ◉ to enter the submenu and press ◉ again to **View** the contents of the group
3. Use ⇕ to select the desired entry
4. Press ✆ to dial the number or ◉ to edit the details of the entry

Retitling Group Names

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**
2. Use ⇕ to select the group
3. Press ◉ to enter the submenu, select **Edit** and press ◉ again
4. Name is highlighted at the top of the submenu. Press ◉ once to start editing the name and a second time to confirm

Setting Group Ring Tones

Each group can be given a distinct Alert Profile so that incoming calls are recognizable from their ring tone. To set a group's ring tone:

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**
2. Use ⇕ to select the group, select **Edit** and press ◉ again
3. Select **Ring** and press ◉ again
4. Scroll through and select the desired ring tone. Press ◉ to select

Setting Group Call Icons

You can also attach to a group an image that will display when a call is received. To add an image:

1 From **Idle** press ◉, select **Phonebook** > **Group Setting**
2 Use ◯ to select the group, select **Edit** and press ◉ again
3 Select **Icon** and press ◉ again
4 Scroll through and select the desired icon. Press ◉ to select

Info Dial and Service Dial (▭)

The Info Dial and Service Dial items on the Phonebook menu provide space for operators to include useful numbers. If your operator does not offer these services, these spaces will be blank.

My Numbers

My Numbers is a convenient part of the Phonebook where your own voice, fax and data phone numbers can be stored and viewed ( ).

Adding Numbers

1 From **Idle** press and select **Phonebook** > **My Numbers**. Press
2 Select an empty entry from the list of numbers. Press
3 Select **Edit** and press
4 Select and enter the **Name** (see *Text Entry*, page 84) and press to save

Note: If using T9® text input (recommended) then move before moving otherwise an alternative word will be selected.

5 Select and enter the phone **No.** and press twice

Viewing Stored Numbers

1 From **Idle** press , select **Phonebook** > **My Numbers**. Press
2 If more than one number is available then use to cycle through the listed numbers. Press to select
3 Select **Entry Details** to view entry. Press
4 Press again if you wish to edit the details

Personalising Your Phone

This section contains all the information you need to adapt your phone to your needs and personality. You can:

- ⇨ Change the menu language
- ⇨ Add a message to show at start-up
- ⇨ Try a new idle screen image
- ⇨ Change your screen saver image
- ⇨ Use a different colour theme
- ⇨ Switch between and edit different user profiles
- ⇨ Make use of downloaded ring tones and images
- ⇨ Compose your own ring tone
- ⇨ Change the backlight and contrast settings

...and more!

Changing the Language

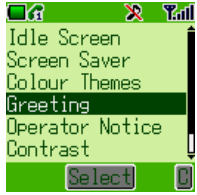
It is possible to change the language the phone uses for display messages and /or text entry ( ) .

1. From **Idle**, press , select **My Phone** > **Language**
2. Use to select the **Language** you wish to use
3. Press to select the desired language

Add a Start-up Greeting

A personalised greeting can be programmed for when the phone is switched on.

1. From **Idle** press , select **My Phone** > **Display Settings** > **Greeting**. Press
2. Use the text entry facility to add a greeting (see *Text Entry*, page 84). Press to confirm



Idle Screen Image

The idle screen can be changed to a preinstalled or downloaded image.

To choose an image for the Idle screen:

1 From **Idle** press , select **My Phone** > **Display Settings** > **Idle Screen**. Press

2 Several images are preinstalled on your phone in the **Fixed Data** folder. Downloaded images are stored in the **User Data** folder. Navigate to the appropriate folder and use to select the required image

3 Use to view image. Press any key to return

4 Highlight the image you want and press to select

Changing Screen Saver Image

The screen saver can also be changed to a preinstalled or downloaded image.

To choose an image for the screen saver:

1. From **Idle** press , select **My Phone > Display Settings > Screen Saver**. Press
2. Several images are preinstalled on your phone in the **Fixed Data** folder. Downloaded images are stored in the **User Data** folder. Navigate to the appropriate folder and use to select the required image
3. Use to view image. Press any key to return
4. Highlight the image you want and press to select

Turning Screen Saver On & Off

Select **My Phone > Display Settings > Screen Saver > Setting** to turn the screen saver function **On** or **Off**, and to set the **Idle Time** (from 1 to 5 minutes) before the screen saver is launched.

Colour Themes

Colour Themes provide alternative combinations of colours for the background and text.

To use or change a Colour Theme:

1. From **Idle** press ◉ and select **My Phone > Display Settings > Colour Themes**
2. Use ⇕ to select the required Colour Theme. Press ◉

Changing Sound Profiles

You can switch between six sound profiles on your phone each with a distinct combination of alert method, ring tone and type etc.

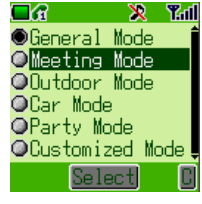
Profiles are set up for use in different environments - for instance you might want to create a silent profile, a discreet profile with ring tone appropriate for formal occasions and a party profile for loud environments.

Within each profile, distinct melodies can be set as incoming call and message alerts.

Note: Ring tones can also be used to identify incoming calls from members of groups. If a group member calls, the Group ring tone will sound, not the Sound Profile ring tone.

To activate a Sound Profile:

1. From **Idle** press ◉ select **My Phone > Sound Settings**
2. Select the Profile you wish to activate from the list. Press ◉
3. Press ◉ again to activate that Profile



Editing Sound Profiles

To edit a Profile:

1 From **Idle** press ◉ and select **My Phone > Sound Settings**
2 Select the Profile you wish to edit from the list. Press ◉
3 Use ◌ to select **Edit**. Press ◉

For each profile, you can set and edit the following:

Ring Type	Select a ring tone from the lists of preinstalled melodies (**Fixed Data**) or downloaded melodies / ring tones that you have written (**User Data**). Press ⊟ to preview the ring tone and ◉ to confirm ring tone selection
In-Call Alerting	Select from **Ringer** / **Vibration** / **Vibration and Ring** / **Flashing** / **Off**
Ring Pattern	Select either **Continuous** or **Once**
Ring Volume	Use ◌ to set the volume level. To mute volume, use the In-call Alerting submenu
Message Type	Select the alert type for incoming message (**Ringer** / **Vibrate and Ring** / **Off**)
Message Tone	Select a ring tone from the lists of preinstalled melodies (**Fixed Data**) or downloaded melodies / ring tones that you have written (**User Data**). Press ⊟ to preview the ring tone and ◉ to confirm ring tone selection
Keypad Tone	Turn keypad tones **On** or **Off**
Warning Tone	Turn warning tones (which sound if an inappropriate key stroke is made) **On** or **Off**

Download Data

The Panasonic G60U is able to use various downloaded data. The downloaded data is stored in the Media Folder and can be acquired via MMS, EMS, SMS or WAP. Details of this service are available on our website.

Availability of this service is dependant on your country/region, or network.

For further information visit:

http://www.panasonicbox.com

Media Folders

The Media Folder located at **My Phone > Media Folder** is the storage location for media files that have been downloaded from a third party source and are saved in the handset. Some of these can be used as ring tones, Idle screen images or attachments to text messages. See *Managing Multimedia Files*, page 69, for how to use these files.

Note: It is only possible to attach EMS format Animations/Pictures

Access these files from the Media Folder menu to rename, delete or edit them. To select an item from the Media Folder:

1. From **Idle**, press ● select **My Phone > Media Folder** and press ●
2. Use ◇ to select the media type (either **Picture**, **Animation** or **Melody**)
3. Use ◇ to select a file

Press ⊟ to view or play the selected file before making any changes to the file.

4. Press ● and use ◇ to select **Rename**, **Delete** or **Delete All**. Press ●

Composing a Melody

1 From **Idle**, press ◉, select **Applications** > **Edit Ringtone**

2 Press ◉ and then select **New Tone**.

Using the table below as reference, enter the notes, set the rhythm and octave for each and add rests to generate your composition.

Key	1	2 abc	3 def	4 ghi	5 jkl	6 mno	7 pqrs
Note	C	D	E	F	G	A	B

Key	8 tuv	9 wxyz	0 +	* ⇧	#
Note	Rest	Note Length	Set Octave	Dotted Note	Sharp

3 Referring to the table above, use the keys 1 to 7 pqrs to enter notes.

4 The notes appear in the format 2C4 as shown on the right.

⇨ The first number (2) indicates the note octave. The default value is 2. Press 0 + to change octave (range from 1 to 3).

⇨ The number of the right (4 in the first picture on the right) indicates the notes length. The default value is 1/4. Press 9 wxyz to change note length (range from 1 to 1/32).

⇨ In the second picture on the right, the octave has been left unchanged at 2 while the note length has been shorted to 1/32.

⇨ Indicate dotted notes (i.e. notes extended in length) by pressing * ⇧.

⇨ Add sharp values to notes by pressing # ⌘.

⇨ Enter rests by pressing 8 tuv.

Note: At any time during composing press to play back the current melody.

5 When the composition is complete, press twice and enter the title. Press to save the name and to complete composing.

Setting the Backlight Time

The Backlight is illuminated when a key is pressed to make using your phone easier. You may wish to reduce backlight time to increase the time your phone will run between battery charges.

1 From **Idle**, press , select **My Phone** > **Display Settings** > **Backlight Time**
2 Use to cycle through the times available (**Off** / **10 seconds** / **30 seconds** / **60 seconds**)
3 Press to select the desired time

Contrast

Screen contrast can be altered for viewing in different lighting conditions:

1 From **Idle**, press , select **My Phone** > **Display Settings** > **Contrast**
2 Use to set the desired contrast level
3 Press to confirm selection

Operator Notice

Operator notices appear if the phone has been left idle to remind users how to operate selected features. To enable and disable operator notices go to **My Phone** > **Display Settings** > **Operator Notice** and press ●.

Restoring the Default Phone Settings

Any personal settings can be swiftly returned to their factory default, with the exception of some features, such as the Phone Lock code and the Language.

1. From **Idle**, press ●, select **My Phone** > **Defaults**
2. When prompted ***Use Default Settings?*** press ● to confirm and restore the settings

Phone Security

Your phone has a number of security features that protect against unauthorized use and enable the user to restrict access to certain functions. These include:

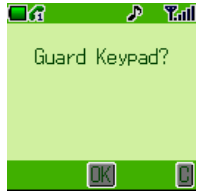
- ⇨ Phone Lock
- ⇨ PIN Protection
- ⇨ Key Guard
- ⇨ Call Barring
- ⇨ Fixed Dial

Note: For full details of the Phone Lock feature, turn to *Locking the Phone*, page 12.

Note: For full details of PIN Protection, turn to *Using the PIN*, page 13.

It is recommended that all security codes are memorized. If it is necessary to make a note of any security codes, never write them in a way that they can be recognized by another person. If forgotten, contact your dealer (for the Phone Lock Code) or Service Provider (for PIN and PIN2).

Enabling Key Guard



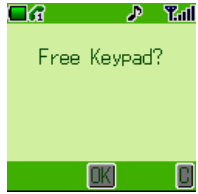
The Key Guard function is used to prevent any keys from being accidentally pressed, for instance when the phone is being carried.

From **Idle** press ◉ twice to bring up the **Guard Keypad?** message and a third time to confirm. The Key Guard icon (⚿) will appear on the Idle screen

When a call is received, Key Guard will be disabled temporarily, allowing the user to press any key except ✆ to answer the call. Emergency calls can still be made - see *Emergency Calls*, page 11.

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

Disabling Key Guard



Press ◉ once to bring up the **Free Keypad?** message and a second time to confirm.

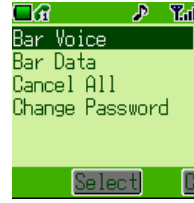
Changing the Security Codes

1. From **Idle** press ◉ and select (**Applications** >) **Phone Option** > **Security**
2. Use ⇳ to select **Phone Lock**, **PIN** or **PIN2**
3. Use ⇳ to select **Change Code** and press ◉
4. Enter the current code and press ◉
5. Enter the new code and press ◉
6. Verify the new code and press ◉

Restricting Calls

Call Barring

The Call Bar function is used to restrict certain outgoing and/or incoming calls. Call Barring is controlled by a security password that is supplied by the Service Provider (this password can be changed: see below). When updating or checking the status of Call Barring the phone must be registered with a network. Different Call Bar restrictions can be used for voice and data calls. Any combination of call restrictions can be set.



1. From **Idle** press ◉ and select (**Applications** >) **Phone Option** > **Security** > **Call Bar**. Press ◉
2. Use ⇳ to select **Bar Voice** or **Bar Data**
3. Follow the submenus to set the desired restrictions

Phone Security

Outgoing Calls	Select from **All Calls** / **International Calls** / **International Calls Except Home** / **Off**
Incoming Calls	Select from **Off** / **When Roaming** / **All Calls**
Data Calls	Select from **All Calls** / **International Calls** / **International Calls Except Home** / **Off**

4 Enter Call Bar password and press ●

Note: To change Call Barring password, go to (**Applications** >) **Phone Option** > **Security** > **Change Password**

You can change individual Call Barring settings following the instructions above or cancel all call barring settings by selecting (**Applications** >) **Phone Option** > **Security** > **Cancel All**.

Fixed Dial

The **Fixed Dial** Store is part of Phonebook (Phonebook > Fixed Dial), but with additional security.

When the security feature **Fixed Dial** is enabled in the security submenu it is only possible to make calls with phone numbers that are in the Fixed Dial Store. When **Fixed Dial** is enabled any manually dialled phone numbers must match a phone number in the **Fixed Dial** Store.

To store, edit or delete a phone number in the Fixed Dial Store the Fixed Dial function must be enabled. With Fixed Dial enabled, all phone numbers can be added, edited or deleted as normal, but you will be prompted for **PIN2**.

To enable Fixed Dial:

1 From **Idle** press ● and select (**Applications** >) **Phone Option** > **Security** > **Fixed Dial**. Press ●

2 You will be prompted to enter SIM PIN2 before proceeding.

Applications

This section introduces some of the applications you'll find installed on your phone. These include:

- ⇨ The clock
- ⇨ Alarms
- ⇨ Automated power on and power off
- ⇨ The calculator

Clock

Your phone incorporates a clock with date/time, an alarm and an automatic power on/off feature.

Setting the Time

1. From **Idle** press ◉ and select **Applications** > **Clock Function** > **Clock Set**
2. Press ◉ to select the time entry
3. Use the numbered keys to enter the correct time (using the 24-hour clock) or use ◇ to adjust the time displayed. Move between the hour and minute fields using ‹O›
4. When the time is entered correctly, press ◉ to confirm

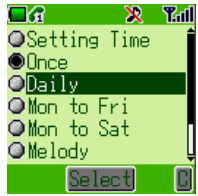
Setting the Alarm

Up to three separate alarms can be set. For each alarm, you can set different schedules (e.g. daily / weekdays only) and alarm tones as well as times.

If the clock hasn't been set, the user will be prompted to set it prior to setting the alarm.

To set an alarm

1. From **Idle** press ◉ and select **Applications** > **Clock Function** > **Alarm Set**. Press ◉
2. Use ⇳ to select the alarm to be set (By default the alarms are named **Alarm1**, **Alarm2** and **Alarm3**. These names can be changed -- *see step 7 below*). Press ◉
3. First set the alarm time. Press ◉ to enter **Setting Time**
4. Use the numbered keys to enter the correct alarm time (using the 24-hour clock) or use ⇳ to adjust the time displayed. Move between the hour and minute fields using ‹O› Press ◉ when complete



5. Use ⇳ to highlight the desired schedule for the alarm and press ◉ to select
6. Select **Melody** and highlight and select the desired alarm melody from the submenu. Press ◉ to confirm
7. Select **Rename** and enter a name for the alarm setting

When the alarm has been set, and the clock is displayed, ⏰ will be displayed when the phone is in **Idle**.

Note : To disable an alarm setting, select **Applications** > **Clock Function** > **Alarm Set** > **[Alarm Name]** > **Cancel**

Muting the Alarm

When an alarm goes off, the chosen melody will sound and the display will flash with an alarm message. The alarm will sound for 30 seconds. If the alarm is due during a call, it will activate a vibration alert.

To end the alarm:

Press any key

Adjusting the Alarm Time

To adjust an alarm time follow the steps in *Setting the Alarm*, page 38.

Setting a Power On / Off Time

The phone can be set to turn itself on or off automatically at a specified time using the Power On / Off feature. To set the Power On and Off schedule:

1. From **Idle** press ◉ and select **Applications** > **Clock Function**
2. Select **Power On Time** or **Power Off Time**. Press ◉
3. Use the numbered keys to enter the correct Power On or Power Off time or use ⇕ to adjust the time displayed. Move between the hour and minute fields using ⇔ Press ◉ when complete
4. The Power On / Power Off setting can be applied once when the set time is next reached (**Enable Once**) or until cancelled (**Enable Always**). Highlight the appropriate setting and press ◉ to select is similar to that for setting the time on the clock. For either setting or adjusting the time needed to select **Power On Time** or **Power Off Time** in the Clock Function menu

Caution: Ensure that the setting of the Alarm or Power On function will not contravene any regulations whereby it may automatically power on when in an aircraft or medical facility etc. - see Important Information, page I.

Note : To disable a Power On or Power Off setting select **Applications** > **Clock Function** > **Power On Time** / **Power Off Time** > **Time** (ignore) **> Disable**.

Calculator

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

1 From **Idle** press ◉ and select **Applications** > **Calculator**. Press ◉
2 Enter a number (maximum 8 digits) and it will be displayed on the upper right of the display. If a decimal point is required, press #
3 Use # to scroll through and select the arithmetic operation you wish to perform
4 Enter a second number (maximum 8 digits). It will be displayed next to the operation symbol
5 Press ◉ to complete the calculation

Messaging

Your phone has various messaging features including SMS, MMS and EMS.

SMS/EMS - Enter the recipient's phone number to send text and images.

MMS - Attach images and music to text messages.

This chapter is a full introduction to messaging including:

- ⇨ Setting up your phone to enable SMS/EMS and MMS messaging
- ⇨ Writing text messages
- ⇨ Sending Quick Notes
- ⇨ Adding attachments to text messages
- ⇨ Reading incoming messages
- ⇨ Managing messages in your Inbox and Outbox
- ⇨ Chatting with SMS contacts
- ⇨ Creating multimedia messages
- ⇨ Receiving message broadcasts on desired topics

SMS/EMS: Setting up the Phone

It is possible to receive, display, edit and/or send text messages of up to 459 characters (dependent upon the language being used) to mobile phones on your service provider's network or any network that has a roaming agreement (dependent on the recipient's phone parameters).

Before a text message can be sent, you must enter the Message Centre number into Options (your Service Provider will supply the Message Centre number). You should also select the protocol via which messages are sent, the storage time (lifetime) and pick a delivery confirmation setting.

The Message Centre number may have been pre-programmed on the SIM.

Setting the Message Centre Number

From **Idle** press ◉ , select **Messages** > **Options** > **SMS/EMS** > **Message Centre**. Press ◉

Include the international dialling code in the Message Centre number.

Lifetime

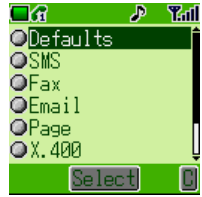
The lifetime is the duration that your messages are stored at the Message Centre. Delivery attempts will be repeated until the message has been delivered or the Lifetime expires.

From **Idle** press ◉ , select **Messages** > **Options** > **SMS/EMS** > **Lifetime**. Press ◉

Select from **1 hour**, **12 hours**, **1 day**, **1 week** or **Maximum** to set the time after which messages are automatically deleted.

Messaging Protocol

From **Idle** press , select **Messages** > **Options** > **SMS/EMS** > **Protocol**. Press .



Select the appropriate protocol for sending messages or maintain the **Default** setting.

Delivery Confirmation Setting

From **Idle** press , select **Messages** > **Options** > **SMS/EMS** > **Report**. Press .

Select **Yes** to enable delivery confirmation for your messages, **No** to disable the function and **Ask** to prompt the message recipient to acknowledge receipt.

Creating a Text Message

1 From **Idle** press , select **Messages** > **Create** > **SMS/EMS**. Press

2 Write text message. To change text input method (displayed in lower left corner of screen), press . See *Text Entry*, page 84, for details.
Use to navigate through the message and position the cursor to add text
Use to delete the character to the left of the cursor
Press to cancel the message

3 Press when you have finished composing the message

4 The submenu that appears gives the options of **OK** / **Insert Media** / **User Msgs** / **Add Sig**. For information on adding attachments, see *Text Message Attachments* on the next page

5 Either browse the Phonebook to select the number to send the message to, or choose **OK** and enter the destination phone number. Press

6 You will be asked *Send Message Now?* Press

7 As the message is sent the sending message animation will display.

8 If Delivery Confirmation is enabled (see previous section) and the message is transmitted successfully, *Send Message Success* will appear.

Sending Quick Note Messages

Your phone comes with several common message expressions preinstalled. To send a Quick Note:

1 From **Idle** press ◉, select **Messages** > **Create** > **SMS/EMS**. Press ◉

2 Instead of writing the message content, press ◉ and select **User Messages**. A list of the saved Quick Notes will be displayed.

3 Select the desired Quick Note and press ◉.

4 Enter the phone number and send in the same way as for a standard text message.

Note: View your Quick Notes at any time by going to **My Phone** > **Quick Note**. You can also use this menu to compose new Quick Notes.

Text Attachments

When creating a text message, it is possible to include attachments (copyright permitting).

To include an attachment:

1 Follow the instructions above to write the text message then press ●. When the *OK* / *Insert Media* / *User Msgs* / *Select* submenu appears (see step 4 above), select **Insert Media**.

2 Use ◇ to select the file to be inserted into the text body. Press ●

Concatenated messages

SMS messages can be made up text and attached pictures or icons to a maximum size of 160 characters. If you want to send a larger message, your phone will automatically configure your message as a sting of smaller messages and send these simultaneously. Concatenated messages such as this appear to a user as a single message.

Receiving Text Messages

When a Short Text Message is sent to your phone, the message ***Received 1 New Message*** and the message indicator (✉) will flash in the display with an alert signal (this signal - an audible tone or vibration - is set in the My Phone > Sound Settings menu). This indicates that a new message has been received.

Note: If the message indicator shows red the message area is full and you will need to delete old messages in order to be able to receive new messages in the future.

Reading immediately

When **Read** is displayed press ◉ to read the message immediately. Use ◉ to navigate through the message and to identify the sender and the time the message was sent. With the phone number shown in the *Sender* field, press ✆ to dial the phone number.

Reading later

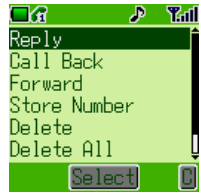
Received messages are stored in the Inbox.

From **Idle**, press ◉ and select **Messages > Inbox**

Use ◉ to select a message to read (if there is more than one) and press ◉ to view the message.

You can call the sender, or press ◉ to view your other options (this submenu can also be viewed by pressing ⊟ when the message is highlighted in the Inbox).

Responding to Text Messages



Press ◉ when you have read a message to view response options. Alternatively, highlight the message in the Inbox (Messages > Inbox) and press ⊟ .Choose to:

Reply to the message
Call Back
Forward the message
Store the number
Delete the message
Delete All messages or
Extract Media
(if any file is attached to the message)

Chat SMS

The Chat feature enables you to read sent and received messages on one screen when in **Chat SMS** mode with another party.

1 **Either**: When reading a previously sent or received message, press ◉ and select **Chat** and/or enter your Nickname (up to 18 characters) - see *Text Entry*, page 84.
Or: Launch Chat SMS mode from **Idle** by pressing ◉ and selecting **Messages > Chat SMS > Start Chat. Enter** your Nickname

It is now possible to chat with the other party, providing they have the chat SMS facility on their phone. Enter your message - see *Text Entry*, page 64. Press ◉ and enter the destination phone number if necessary (or browse and select from Phonebook).

When receiving a message in chat mode, the text will appear automatically above your previous message.

2 Press ◉, select **OK** to continue the chat

If the phone is not in chat mode when receiving a reply to a chat message, the reply will be received as a normal SMS. If a voice call is received when in chat mode, the phone will allow the user to accept the incoming call and return to chat mode at the end of the call.

Chat conversations are stored and can be viewed in the **History** folder.

To open the folder from **Idle**, press ◉ and select **Messages > Chat SMS > History**. Regular Chat users should clear the history regularly to free memory space.

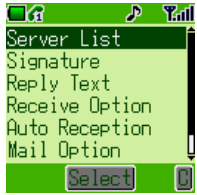
MMS: Setting Up the Phone

Multimedia Message Service (MMS) Configuration must be performed before you can send or receive an MMS message. You can create up to three server profiles on the phone.

Note: Your MMS settings may have been pre-configured by your service provider. Contact your service provider if you are unclear how to proceed.

MMS Configuration

1 From **Idle** press ◉, select **Messages** > **Options** > **MMS** > **Server List**. Press ◉
2 Select the server required and press ◉
3 Use ◉ to select **Edit** and press ◉
4 Select **Bearer Type** or **WAP Setting** and press ◉ to start configuring settings



Note: Contact your service provider for advice on settings for MMS configuration.

Note: Use the Messages > Options > MMS menu to configure other MMS settings. Contact your service provider for details of required settings.

Creating an MMS Message

Your phone supports **MMS** (Multimedia Messaging Service), which means you can send digital pictures to an MMS-enabled mobile or to an email address. Wherever you are, attach a photo, audio message or text, and send it immediately to your friends.

The following basic steps must be followed for all MMS messages. For information on multimedia additions, read the following section.

1 From **Idle** press ◉ and select **Messages > Create >MMS**. Press ◉

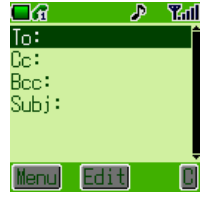
2 Compose the text part of the message (see *Text Entry*, page 84, for details of entry methods)

3 When the message is complete press ◉

4 To attach a media file, follow the instructions on the following page. To continue without attaching a media file, select **OK** from the submenu and press ◉

5 Select **To:**, press ◉ and enter (or browse and select) the recipient's phone number or email address. Press ◉ to confirm

6 If desired, a message can be delivered as a copy to another recipient. To do this, use ◉ to select **Cc:** . Press ◉ and enter (or browse and select) the copy recipient's phone number or email address. Press ◉ to confirm



7 A **Bcc:** address or phone number is added in the same way. Bcc delivery differs from Cc delivery in that the original recipient (whose address is in the To: field) will not be informed of any copies sent to Bcc addresses

8 When the **To:** field has been filled and any required Cc or Bcc entries have been added, add the message subject heading. Use ◌ to select **Subj:**, press ◉ and enter the subject heading. Press ◉ to confirm, then press ⊟

9 Use ◌ to select **Send** or **Save** as appropriate

Note: Saved messages are stored in the Outbox and can be edited and sent in the future.

Attaching Media Files

Media files such as voice files can easily be added to MMS messages.

1 Compose a message following steps 1 to 3 on the previous page
2 From the submenu select **Insert Media**
3 Use ◌ to browse and select media files available on your phone
4 When you have selected files, press ◉
5 **Send** or **Save** the message as instructed on the previous page

Managing Message Lists

Messages, whether sent or received, are mostly stored in the SIM card until they are deleted. Selecting a stored message allows it to be read, replied to, edited or deleted.

Inbox

Messages received are stored in the **Inbox** and tagged with icons:

- indicates an unread SMS message
- indicates an unread MMS message

From the Inbox, select a message. Press to read the message or to view other options:

- **Reply** to the message
- **Call Back** the sender
- **Forward** the message
- **Store** the sender's number
- **Delete** the message
- **Delete All** messages from the Inbox
- **Extract Media** files from the message
- **Edit** the message content before forwarding or saving

Outbox

Messages sent or edited are stored in the Outbox and tagged with icons:

- indicates an unsent SMS message
- indicates an unsent MMS message
- indicates an unsent EMS message

Cell Broadcasts

You need to specify the topic(s) of information you wish to receive as broadcasts before they can be received.

1. From **Idle** press , select **Messages > Broadcasts > Topics** and press
2. Press twice to insert a new topic
3. Use to cycle through the available topics
4. Press and select **RX On** from the pop up menu
5. Press to insert the currently displayed topic into your broadcast list

When a low priority broadcast has been received, will be displayed on the **Idle** screen. If a high priority broadcast is received, its text content will be displayed on the idle screen

Enabling/Disabling Cell Broadcasts

1. From **Idle** press ●, select **Messages** > **Broadcasts** and press ●
2. Select **Receive** and press ●
3. Use ◌ to select **Enable** or **Disable** and press ●

Language

The language in which broadcast messages are displayed can be changed (📡). Go to **Messages** > **Broadcasts** > **Languages** and press ●

Call Information

This section explains how you can obtain more information about your calls, including:

- ⇨ Recent calls made, received and missed
- ⇨ Call duration
- ⇨ Call charges

Recent Numbers

Recently dialled phone numbers are stored in **Last Dial**.

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

If Caller Identification is not available then calls will still be stored but will have the date and time attributed to them.

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

1. From **Idle** press
2. Use to select **Last Dial**, **Answered Call** or **Unanswered Call**. Press
3. Use to select the phone number (or name) you wish to redial. Press

You can edit or delete the phone number before dialling – see *Editing Phonebook Entries*, page 18.

If you wish to store the selected number in Phonebook, press while the number is displayed – see *Storing a Number in the SIM /Mobile Phonebook*, pages 15-16.

Calling the Last Dialled Number

To redial your last called phone number press twice.

Returning an Unanswered Call

When the display shows that you have received calls but not answered them.

1 Press

The last caller's phone number will be displayed if it is available.

2 Use to select the phone number you wish to dial

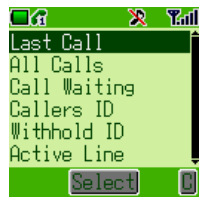
3 Press

Call Duration

1 From **Idle** press , select (**Applications** >) **Phone Option** > **Call Services** > **Calls**. Press

Note: The Calls feature is SIM dependent ( ). If the SIM does not support this function then items under Calls menu will be found directly under the Call Services menu.

2 Use to select one of the features described below, and press



Last Call displays the duration and call charge (if available) of the last call made. Times are indicated as: hours (0-99), minutes (0-59), seconds (0-59) - HH:MM:SS.

All Calls displays the accumulated duration and call charge (if available) of Incoming and Outgoing calls. The lock code or PIN2 is required to reset the timer and call charge meter.

GPRS Call Duration

1 From **Idle** press ◉ and select (**Applications** >) **Phone Option** > **Call Services** > **Connections**. Press ◉

Note: The Connections function is SIM dependent (□).

2 Use ◇ to select one of the features described below, and press ◉

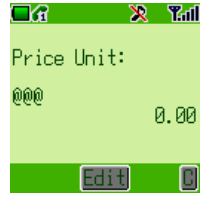
Last Connection displays the amount of data transferred during the last call.

All Connections displays the accumulated duration and amount of data transfer. The lock code or PIN2 is required to reset the timer.

Call Charges

To maintain control over the cost of calls that are made, the phone can be set to restrict use to a finite number of units overall (□).

Setting the Unit Price



Firstly, a price per unit must be entered. This is the cost that the Service Provider charges for one unit of call time ( ).

1 From **Idle** press , select (**Applications** >) **Phone Option** > **Call Services** > **Service Charges** > **Price Unit**. Press

2 Press to edit the values

At this point you will be asked to enter your PIN2 or Lock code. Do so and press .

3 Enter a currency unit (up to three characters) e.g. GBP. Press twice

4 Enter a price and press twice

Setting the Maximum Unit Level

This function allows the user to pre-determine the maximum cost of calls made ( ).

1 From **Idle** press , select (**Applications** >) **Phone Option** > **Call Services** > **Service Charges** > **Max Cost**. Press

2 Press twice to edit the values

At this point you will be asked to enter your PIN2 or lock code. Do so and press

3 Enter a value (number of units) which is to be the maximum permitted, and the corresponding cost will be displayed

4 Press twice to accept

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

Call Identification

In the Call Services > Calls menu, the Caller's ID and Withhold ID functions allow you to check the status of whether a Caller's Identification is sent or can be received (Withhold ID).

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

Advanced Operation

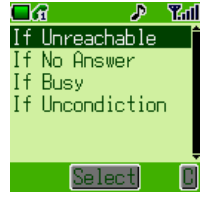
This section contains detailed information on call management including:

- ⇨ Call diversion
- ⇨ Call holding
- ⇨ Call waiting
- ⇨ Making and receiving a second call
- ⇨ Transferring calls
- ⇨ Multi-party calls
- ⇨ Changing network

Diverting Calls

Voice, fax and data calls can be diverted according to different conditions and to different numbers. For example you may wish voice calls to be diverted to Voicemail when the phone is switched off. To enable call diversion:

1. From **Idle** press ◉ and select (**Applications >**) **Phone Option** > **Call Divert**. Press ◉
2. Use ⇳ to select the type of call to divert (you can repeat this step as necessary). Press ◉
3. If diverting voice calls, use ⇳ to select circumstances in which to initiate the diversion. Press ◉
4. Enable the diversion by selecting **On** from the **Status** menu. Press ◉
5. Enter the phone number to divert to (or press ◎ and select the number from your Phonebook). Press ◉



Note: To edit a call diversion setting, follow the steps above and reset according to the new settings.

Note: To cancel a diversion setting, select **Off** in step 4 above. To cancel all diversion settings, go to (**Applications** >) **Phone Option** > **Call Divert > Cancel All**.

When a diversion is enabled the divert icon ( ) is displayed.

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

Holding Calls and Call Waiting

Holding a Call

During a call press . Alternatively:

1 Press
2 Use to select **Hold Active**.
Press

Resuming a Call

1 Press
2 Use to select **Resume** . Press

Making a Second Call

1 During an ongoing call, enter phone number (or recall from Phonebooks – see *Browsing the Phonebooks*)
2 Press

The first call will be placed on hold.

Receiving a Second Call

A second call can be received, if Call Waiting is switched on. This is enabled from the (**Applications** >) **Phone Option** > **Call Services** > **Calls** menu. It is not possible to have more than one fax or data call. All voice calls must be ended before you can make or receive a fax or data call ( ).

Accepting a Second Call

1 Press when the second call is received
2 Use to select **Accept**. Press

The current call will be placed on hold.

Rejecting a Second Call

1 Press when the second call is received
2 Use to select **Reject**. Press

Ending Current Call to Receive Another

1 Press when the second call is received to end the current call
2 Press any key except or to receive the new call

Operation During Two Calls

Swapping Between Calls

1 Press
2 Use select **Swap**. Press

Ending Current Call

1 Press
2 Use to select **End**. Press

The held call will remain held.

Ending Both Calls

Press

Call Transfer

With two calls connected, Call Transfer enables the user to connect them together ending your connection, leaving the other parties to talk together (▭).

When two calls are connected to your phone:

1 Press ●
2 Use e to select **Trans**. Press ●

The two calls will be connected to each other and your call will be ended.

Note: Two call transfer cannot be activated while in Multi-party mode.

Multi-party Calls

A Multi-party call enables three to five people to be in conversation at the same time. It is possible to swap between a Multi-party call and another call in the same way as with two separate calls (▭).

Enabling Multi-party

With two calls connected (one active, one on hold):

1 Press ●
2 Use ◇ to select **Merge**. Press ●

All three parties should now be able to talk to each other.

Adding to Multi-party

It is possible to add parties to the Multi-party call (up to a maximum of five) either by making a call or accepting an incoming call. The call can then be merged into the Multi-party.

Note: When making a call or accepting an incoming call the Multi-party call will be placed on hold. The callers in the Multi-party call can continue to communicate with each other while on hold.

Splitting a Multi-party Call

The user can select an individual from the Multi-party and remove their connection. This enables you to talk privately without the participation of the rest of the Multi-party.

1 Press ● during a Multi-party call
2 Use ◊ to select **Option**. Press ●
3 Use ◊ to select a caller in the Multi-party
4 Press ●
5 Use ◊ to select **Split**. Press ●

The selected caller will be split from the Multi-party call and the Multi-party call will be placed on hold (the remaining Multi-party callers can still communicate).

Ending Multi-party Calls

The user can either select an individual in the Multi-party and end the call or end the entire Multi-party call. If a call is held, or an other call is incoming then an individual call cannot be ended.

Ending a Single Connection

During a Multi-party call:

1 Press ●
2 Use ◊ to select **Option**. Press ●
3 Use ◊ to select a caller in the Multi-party
4 Press ●
5 Use e to select **End**. Press ●

Ending all Connections

During a Multi-party call:

Press ⌀ to end all the calls at once

Changing to a New Network

When not in your home country / region, the user may use a network that is not directly subscribed to. This is called ROAMING. Legal restrictions may not permit roaming in your home region.

The **New Network** function is used to manually select a network that is available in your current location.

1. From **Idle** press ◉, select (**Applications** >) **Phone Option** > **Network** > **New Network**. Press ◉
2. Your phone will search for available networks
3. Use ◌ to select one from the list of available networks. Press ◉

If you cannot register with the selected network, that network will be greyed out.

When the **Search Mode** is set to **Automatic** the phone will automatically reselect a new network in order to maintain optimum network availability. With the **Search Mode** set to **Manual** the phone will only use a selected network. If coverage is lost another network should be selected.

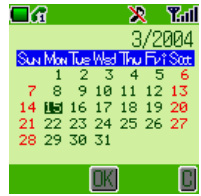
Schedule

The Scheduler can be used to register reminders for personal events as well as planning holiday periods.

Caution: Ensure that any settings made in the Scheduler will not contravene any regulations whereby the phone may automatically power on when in an aircraft or medical facility etc. - see *Important Information*, page i.

Creating a Reminder

From **Idle**, press ●, select **Scheduler** and press ● again.



1 Select **[New Event]** and press ● to create a new schedule event. Use the Navigation key (‹○›) to select the date for your reminder.
2 First move the cursor to the year entry and use ○ to adjust the entry if necessary.
4 Use ○ in the same way to adjust the month entry.
5 Use ‹○› to place the cursor over the appropriate date entry. Press ● to select the date
6 Enter the time for the reminder. Use the numbered keys to enter the correct time (using the 24-hour clock) or use ○ to adjust the time displayed. Move between the hour and minute fields using ‹○›
7 When the time is entered correctly, press ● to confirm
8 Enter a name to identify this schedule entry

Viewing & Editing Reminders

Open the **Scheduler** menu. All scheduled reminders are listed. Use ◌ to highlight the reminder you wish to view and press ◉. The time, data and name of the reminder will be displayed. Press ◉ to edit the details.

Games

Embedded Games

To enter the embedded games menu:

From **Idle**, press ◉ and select **Games**. Use ⇕ to select a game and press ◉ to launch.

Follow the prompts in the pop up menu for playing instructions and game options

Downloadable Games

The downloadable games menu enables you to use one factory embedded game and download another game from the games catalogue.

To enter the Downloadable games menu:

From **Idle**, press ◉ and select **Applications > Games**. Use ⇕ to select a game and press ◉ to launch.

Note: A downloaded game will overwrite the previously downloaded game.

Follow the on-screen instructions to play the game.

The game catalogue is renewed regularly and updates automatically when a game is downloaded.

Game Settings

Use the **Applications > Games** menu to set your game nickname and set sound, backlight and vibration levels for gameplay.

1 From **Idle**, press ●, select **Applications** > **Games > Setting**
2 To enter a **Nickname** press ●. Enter the name and then press ● to confirm
3 Use ◌ to select **Sound**. Press ●
4 Sound can be set to **Off**, **Low**, **Medium** or **High**. Use ◌ to select the desired setting and then press ● to confirm
5 Use ◌ to select **Vibrations**. Press ●
6 Vibration can be set to **Off** or **On**. Use ◌ to select the desired setting and then press ● to confirm
7 Use ◌ to select **Back light**. Press ●
8 The back light can be set to **Off**, **On 30s** (on for 30 seconds) or **Always on**. Use ◌ to select the desired setting and then press ● to confirm

Managing Multimedia Files

The multimedia files saved in G60U are located in the Media Folder (My Phone > Media Folder). There are four predefined folders (Picture, Animation, Melody and Memory Status).

Note: Changing SIM does not affect the contents of stored data.

Displaying Pictures and Animations

1 From **Idle**, press , select **My Phone** > **Media Folder** > **Pictures** / **Animation**. Press

2 Use to select a file to display. Press

3 Select **View**. Press

Note: The phone cannot display a file that is not in one of the supported formats.

Playing Melodies

1 From **Idle**, press and select **My Phone** > **Media Folder** > **Melody**. Press
2 Use to select a file to play. Press to view

Note: You can compose your own melodies and ringtones. Turn to *Composing a Melody* in *Personalising Your Phone* for full instructions.

Note: You cannot edit polyphonic ring tones, music files or files that cannot be forwarded or saved.

Renaming Files

1 From **Idle**, press , select **My Phone** > **Media Folder** and open the subfolder for the file you wish to rename. Press
2 Use to select the file to rename. Press
3 Select **Rename**. Press

Note: Do not use special characters in the new name.

Creating Mail from Files

You can jump in one step from a file to the create mail screen with the file as an attachment.

The phone will display the 'Create Mail' screen.

Note: You **cannot** copy a file that cannot be forwarded or saved;

You **can** press ◉ to select **Create Mail** while the file is displayed.

Deleting Files

1 From **Idle**, press ◉, select **My Phone** > **Media Folder** and open the subfolder for the file you wish to delete. Press ◉

2 Use ⇕ to select the file to delete. Press ◉

3 Select **Delete**. Press ◉

Checking File Properties

You can view the file name, date, file size, whether the file can be forwarded and whether it can be saved.

1 From **Idle**, press ◉, select **My Phone** > **Media Folder** and open the subfolder for the file you wish to check. Press ◉

2 Use ⇕ to select the file. Press ◉

3 Select **Property**. Press ◉

Note: If there is not enough memory capacity in the folder when you try to save a file, the phone will display **Folder is Full. Delete Data?** Press ⎋ to keep file or ◉ to delete file.

Checking Folder Properties

To check the status of the Media Folder, from **Idle**, press ●, select **My Phone** > **Media Folder** > **Memory Status**. Press ●. A graphic display of free space in the folder will be displayed.

WAP Browser

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

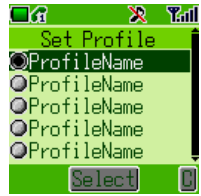
Browser Settings

Before Internet services can be accessed, the SIM must be data enabled and the relevant configuration information, entered into the phone.

Note: The configuration information may have been pre-programmed by your service provider. Modifying these settings may cause failure of the Browser.

1 From **Idle** press ◉, select **Browser > Browser Setting > Set Profile**. Use ⇕ to select a browser profile (you can configure up to five browser profiles). Press ◉

2 Select **Edit**. Press ◉



3 Select **WAP Setting**. Press ◉

WAP Browser

A list of configuration parameters will be displayed. Select each parameter in turn and enter the appropriate values (contact your service provider for details if necessary).

For each browser profile, set also the Bearer Type. Go to **Browser** > **Browser Setting > Set Profile > [Select Profile] > Edit > Bearer Type**.

To configure a GPRS browser, enter **User Name**, **Password** and **Apn (**Access Point Name**).**

To configure a CSD browser, enter **User Name**, **Password, Phone Number**, **Line Type** and **Transfer Rate**.

Note: Contact your service provider for setup values if you are unsure.

Record your WAP settings in the table at the rear of this booklet for easy reference.

When you have entered settings for a browser profile, you may wish to rename the profile to make it easier to remember. To rename a profile, go to **Browser > Browser Setting > Set Profile > [Select Profile] > Rename**. The current profile name will be displayed. Edit this name to rename the profile.

Since you can set up to five profiles, you should also select which is your active profile. To do so, go to **Browser > Browser Setting > Set Profile > [Select Profile] > Set As Active**. Press ◉

Activating the Browser

To activate the Browser, either:

From **Idle**, press and select **Browser** > **Start Browser**.

Press

The first time that the browser is activated there will be no content. Each time the browser is activated, the last page viewed from the previous WAP session will be recalled. At the start of a WAP session, the browser content may be retrieved from the cache (cache is the phone's memory that stores content downloaded in the past). At this stage the user will remain off line. When data is required from the WAP server, the user will be prompted to **Start data call?**

If **Yes** is selected, the phone will go on line and the browser will go to the home page.

Navigating Content

Use the Navigation key ( ) to scroll through the content on the screen as follows:

Use to scroll up/down on the current page

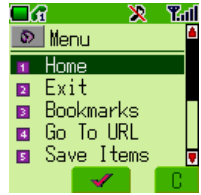
Use to return to the previous object/page

Use to return to the next selectable object/page

When linked text (underlined text) is highlighted, press to load the page represented by the link.

Browser Menu

The Browser contains its own menu which is applicable when content is currently being displayed (either on-line or off-line).



This menu is used as follows:

Back

Returns the user to the Browser Start Up menu

Home

Displays the Home URL content as defined by the network operator

Exit

Deactivates the Browser

Bookmarks

Use, view, add and delete bookmarks

Go To URL

Enter URL to open

Save Items

To save images or other items from the current page

Snapshots

Take a snapshot of the current page

Show URL

Display the current URL

Reload

Reload and update the current page

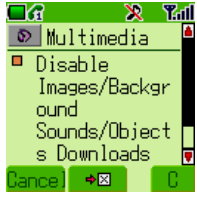
Settings

Allows the user to select and set:

Homepage URL

Download parameters (enable or disable the downloading of multimedia files)

Restart Browser



Security submenu

About

Provides information about the type of browser and security options

Using Bookmarks

Frequently accessed pages may be bookmarked to save time - you won't have to enter the URL each time you want to visit the page.

Adding a Bookmark

1 While viewing the page, press
2 Use to select **Bookmark**
3 Use to select either **Title** or **URL** as the Bookmark name

Recalling Pages Using Bookmarks

Select **Bookmarks** from the Browser menu. Select **View** and use to highlight the bookmark you want. Press .

Renaming a Bookmark

Select **Bookmarks** from the Browser menu. Select **View** and use to highlight the bookmark you want. Press and select **Edit**.

Deleting Bookmarks

Select **Bookmarks** from the Browser menu. Select **View** and use to highlight the bookmark you want. Press and select **Delete**.

Deactivating the Browser

The Browser can be deactivated as follows:

When browsing on-line, press to review cache off line.

When browsing off-line, press to return to Idle mode.

Additional Features

Voice Memo

You can record a two-way conversation during a call and use the phone as a dictaphone. The maximum length of a recording is 16 seconds. Old recordings are overwritten; only one recording can be stored.

Note: If a different SIM is installed any voice memos will be lost.

Caution: Security of a recorded message is your responsibility. You MUST ask for the other party's consent before recording.

Record a Voice Memo

From **Idle**, press ◉ and select **Applications** > **Record**. Press ◉

The recording will stop automatically after 16 seconds.

Recording a Call

During a call, press ◉. Use ⇕ to select **Memo** Press ◉.

A tone will sound when recording starts. When the recording stops a tone will sound.

If you press ◉ while recording a call, recording will stop but no tone will sound to either party.

Play Back a Voice Memo

From **Idle**, press ◉ and select **Applications** > **Voice Memo Play** > **Playback**. Press ◉.

To stop playing, press ◉.

Volume Control During Playback

While playing back use ◉ to adjust the volume of the voice memo.

Delete a Memo

From **Idle**, press ◉ and select **Applications** > **Voice Memo Play** > **Delete**. Press ◉.

DTMF Tones

Dual Tone Multi-Frequency Tones (DTMF) tones can be sent during conversation. These are often used to access voice mail, paging and computerised home banking services. For example, you may need to input a number to remotely access voice mail messages. A phone number may be stored in the Phonebook with DTMF tones, allowing the number to be dialled upon recall and the DTMF number to be sent automatically.

Sending DTMF Tones During a Call

Simply enter digits (0+ to 9, # and *) during the call.

Pause Dial

Pause Dialling allows you to send DTMF tones automatically.

1. Enter phone number
2. Press and hold 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. Press

When the call is successful DTMF tones will be sent after 3 seconds or press to send the DTMF tones manually.

Note Pad

During a call numbers can be entered which you may wish to dial when the call has ended.

During a call:

1. Enter phone number
2. When the call has ended press to call that number

To store the number in Phonebook, press while the number is displayed – see the instruction on storing numbers in the section *Phonebook*.

Desktop Handsfree

Desktop Handsfree enables you to hold a conversation without having to hold the phone to your ear.

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

Swapping Between Handsfree and Handheld Calls

During a Handheld call:

1 Press ◉.

2 Use ◯ to select **Handsfree**. Press ◉.

During a Handsfree call:

Press ◉ twice to revert for Handheld operation

Answering a Call Handsfree:

To answer a call using Handsfree, press and hold 📞.

Auto Answer

When Auto Answer is switched on, and Personal Handsfree or a head set or car kit is connected, a call will be answered without pressing any keys. Any call waiting should be answered in the normal way.

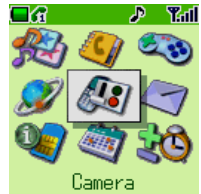
To enable Auto Answer, from **Idle**, press ◉ and select **My Phone > Auto Answer**. Choose **Enable** and press ◉.

Note: Take care when Auto Answer is selected to ensure unauthorised listeners cannot overhear your phone conversations.

Camera Accessory

With the Panasonic camera accessory attached to your phone, you can take photos then save them or send them immediately in a MMS message. The camera accessory slots onto the accessory connector on the base of your phone.

When the camera accessory is plugged in, the main menu changes. The **Key Guard** icon is replaced by a **Camera** icon as shown. Select **Camera** for all related functions.



Taking a picture

To take a picture, first ensure the camera accessory is plugged in. Then:

1. From **Idle**, press ◉ and select **Camera**. Press ◉
2. Position the camera to frame the desired photo
   Use ▲ to zoom in,
   ▼ to zoom out and
   ◀ to turn on the photo light
   When you are ready, press ◉ to capture the photo
3. The captured photo will be displayed. Press ◉ to store the photo in your Media Folder or ⊟ to immediately attach the photo to a new MMS message ready for sending (see *Messaging* for details of how to compose and send MMS messages). Press ⊟ to delete the photo instead.

Camera Options

To take a picture, first ensure the camera accessory is plugged in. Then:

1. From **Idle**, press ◉ and select **Camera**. Press ◉
2. Press ⊟ to open the **Options** menu. Select from the following options:

Photo Resolution

Choose from **VGA (640× 480)**, **QVGA (320× 240)**, **QQVGA (160×120)** or **Screen Size (128×96)**.

Note: Higher resolution pictures are of better quality but occupy a larger share of your phone's memory. If you want to take several high resolution pictures, consider reducing the amount of memory taken up by other types of media file such as ring tones and downloaded games.

Photo Light

Turn the built-in photo light **On** or **Off**.

Self Timer

Turn the Self Timer **On** or **Off**. When the Self Timer is turned on, there is a delay after the capture button is pressed before the photo is taken.

Shutter Sound

Select from three available shutter sounds.

Text Entry

The phone provides a means for entering alphanumeric characters to enter details into the Phonebook, to create text etc. This section details the characters that can be entered and the relevant keys to press.

	Text Mode				
Key	T9®	Normal (ABC)	Greek (ABΓ)	Extended (AÄÅ)	Numeric (0 - 9)
0+	Alternatives	+_	+_	+_	0+P_
1	Punctuation.@/:;*#+-",!¡?¿_()[]{}'&%\^~|<>=_£$¥€§				1
2abc	abc	ABCabc	ABΓ	AÄÅÆBCÇaäåæàbc	2
3def	def	DEFdef	ΔEZ	DEÉFdeéèf	3
4ghi	ghi	GHIghi	HΘI	GHIghìi	4
5jkl	jkl	JKLjkl	ΚΛΜ	JKLjkl	5
6mno	mno	MNOmno	ΝΞΟ	MNÑOÖØmnñoöøò	6
7pqrs	pqrs	PQRSpqrs	ΠΡΣ	PQRSpqrsß	7
8tuv	tuv	TUVtuv	ΤΥΦ	TUÜVtuüùv	8
9wxyz	wxyz	WXYZwxyz	ΧΨΩ	WXYZwxyz	9
*	Shift/Lock*	Shift/Lock*		Shift/Lock	*
#	Space	Space	Space	Space	#

* Press * once to enter a single capital letter (subsequent characters will be lower case). Pressing * twice acts as a keyboard CAPS LOCK function and subsequent characters will be uppercase. Press * a third time to return to lowercase character entry.
Press ⊏ to return to the message screen.

T9® Text Input

Using this mode of text entry 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 0+ repeatedly until the correct word is displayed. Continue to the next word.

If the word you require is not in the internal dictionary (i.e. it is a proper noun or a rarely used word) then it should be entered using the Normal (ABC) mode.

Other Text Modes

To access any of the other text entry modes use ↻ to cycle through until the desired mode is displayed in the left side of the display.

When using Normal (ABC), Greek (ΑΒΓ) or Extended (AÄÅ) text entry modes, each time a key is pressed in quick succession it will display the next character available on that key. Releasing the key, or pressing another key will enter the currently displayed character and the cursor will move to the next position.

Editing Text

Pressing ⇕ will move you up or down one text line.

Pressing ‹O› will move you left or right one character. When the cursor is moved over a character and another key pressed this will insert the new character immediately before the selected character. Pressing ⌫ will delete the character to the left of the cursor or delete the current line when pressed and held.

Trouble Shooting

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	

Trouble Shooting

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

Important Error Messages

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

Area Not Allowed	Roaming in the selected area is not allowed
Network Not Allowed	Roaming with the selected network is not allowed
Security Failure	The network has detected an authentication failure because your SIM is not registered with that network - contact your Service Provider
SIM Blocked / Contact Service provider	The SIM is blocked because one of the PIN/PIN2 unblocking keys (PUK/PUK2) has been entered incorrectly ten times - contact your Service Provider
SIM Error	The phone has detected a problem with the SIM - switch the phone off and then back on; if the message is still displayed contact your Service Provider
SIM Invalid	The SIM has failed one or more of the SIM personalisation checks - contact your Service Provider
Function Unavailable	The selected feature is either not supported by the SIM or is not available with the current subscription - contact your Service Provider
PIN2 Invalidated	The PIN2 is blocked permanently because the wrong PUK2 has been entered ten times, services controlled by PIN2 cannot be used - contact your Service Provider
Message Rejected Store Full	A message has been received but the message store is full - to receive messages, delete some of the currently stored messages or set messages to Auto Delete
Phone Number Too Long (Max:20)	The edited or newly created Phonebook number is too long for the SIM
Warning Store Full Continue ?	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted

Trouble Shooting

Verification Failure	On changing the phone lock code, verification of the new code is incorrect - retry changing the lock code with correct verification
Incorrect Lock Code	Disabling or enabling the lock code has failed due to incorrect entry of the lock code - re-enter lock code
Incorrect PIN / PIN2 / PUK / PUK2	The entered code is incorrect - re-enter code correctly
Auto Redial List	Redial list of unsuccessfully dialled numbers is full - switch the phone off and then on again

Glossary of Terms

APN	Access Point Name. Directs the user to the gateway or the required service.
Cut	Permanently removes selected text from short text message
Copy	Copies selected text from short text message without removing it from the original message
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes etc.
EMS	Enhanced Message Service. Upgraded feature of Text Messages
GPRS	General Packet Radio Service. The Technology the phone uses.
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 for the GPRS network.
Password	Used for the control of the Call Bar. Supplied by your Service Provider.
PIN	Personal Identification Number used for SIM security. Supplied by your Service Provider. If the PIN is entered incorrectly 3 times, the PIN will be blocked.
PIN2	Personal Identification Number used for the control of Fixed Dial Store and Call Charge metering. Supplied by your Service Provider. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.

Glossary of Terms

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

Specifications

Phone (Including Battery)

Type	GSM850
	GSM1900
	GPRS Class 8
Temperature Range	
Charging	+5ºC - +43ºC
Storage	-20ºC - +60ºC
Weight	85g
Dimensions (mm) Height x Width x Depth	104 x 47 x 19.15
Supply Voltage	3.7V DC, 740mAh
Standby Time (hrs)	200 (approx.)
Talk Time (hrs)	2.5 (approx.)
Charge Time (Phone off)	Up to 120m
Antenna	Internal
SIM Type	1.8V/3V
Phonebook Memory	200 + SIM
Animation Themes	3
Voice Memo	1 x 16 seconds
Ring tones	20 fixed
Scheduler	Up to 10 Entries
Alarms	3

Note: Charge time will be longer when the phone is turned on. Battery life is affected by the network being used and the condition of the battery. Talk and standby time will be dependant upon network conditions, SIM, back light usage and battery condition.

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 traveling 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 favorable 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 authorized 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 authorized 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 authorized service centres detailed for that country.

UK

Service Centres in England
Tel. +44 (0) 8705 159159

IRL

Service Centres in Ireland
Tel: +353 (0) 1 2898333

D

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Panasonic Service Center Cottbus
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Panasonic Service Center Leipzig
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BP 460
Fl Taden
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EASY REPAIR
26 rue des Cosmonautes
31400 Toulouse
Tél. : 05.62.71.48.14
Fax : 05.62.71.48.15
EASY REPAIR
22 boulevard des Brotteaux
69006 Lyon
Tél. : 04.72.83.02.02
Fax : 04.78.52.40.38
ELECTRONIQUE SERVICE
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FAC Font de la Banquière
34970 LATTES
Tél. : 04.67.15.96.30
Fax : 04.67.20.04.72
GENERAL ELECTRONIQUE
16 rue Joseph Cugnot
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Tél. : 03.44.89.79.00
Fax : 03.44.05.16.96
Négoce Technique etMaintenance
40 boulevard Bessières
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Fax : 01.42.29.60.05
S.B.E.
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Tél. : 03.21.10.10.21
Fax : 03.21.80.20.10

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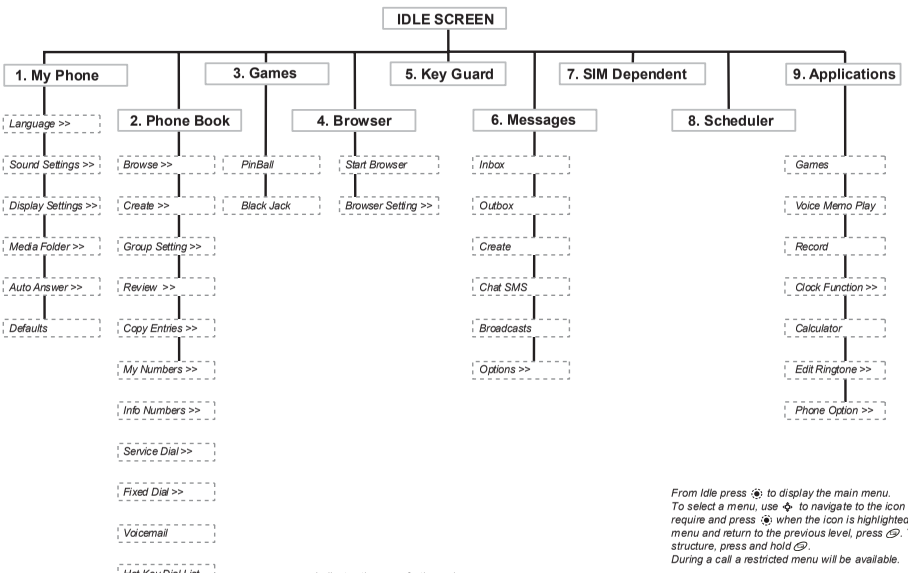
Personal Settings

Use the table below to record your GSM/GPRS WAP settings.

Item	Hint	Current Setting
Name		
Home URL		
Gateway IP		
Primary IP		
Secondary IP		
Primary Port		
Secondary Port		
CSD		
GPRS		
Line Type Digital Dial #	Analogue / ISDN	
Analogue Dial #		
User Name		
Password		
Transfer Rate		
GPRS		
Access Point Name		
User Name		
User Password		
Authentication	Normal/Encrypted/ None (PAP) (Chap)	

Menu Structure



>> Indicates there are further submenus

From Idle press ⊙ to display the main menu.
To select a menu, use ✣ to navigate to the icon of the menu you require and press ⊙ when the icon is highlighted. To exit the current menu and return to the previous level, press ⌓. To exit the menu structure, press and hold ⌓.
During a call a restricted menu will be available.

Note

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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.

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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	

Matsushita Communication Industrial Corporation of the Philippines
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