

GSM.

Panasonic

EB-G60

Operating Instructions Digital Cellular Phone



G60

Before operating this equipment please read these instructions completely

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900 or GSM1800. It also supports GPRS for packet data connections. Ensure the battery is fully charged before use.

We, Panasonic Mobile Communications Co., 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

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 (EB-CAG60xx*) is supplied with the Main Kit. Other recommended equipment for charging – Car Charger (EB-CDG60).

Note: *xx identifies the charger region, e.g. CN, EU, UK.



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



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.



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.



Do not leave the camera facing direct sunlight to avoid impair of the camera performance.

If you use feature which keeps key backlight on continuously for a long time, such as camera, game, or browser, battery life will become extremely short. To maintain longer battery life, set the key backlight off. See Key Backlight On/Off, page 31.

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, behind 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. (See "SAR Statement")





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

Unauthorized modifications or attachments may damage the phone and violate applicable regulations. The use of 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

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

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

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

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

You are advised to take appropriate care over the use of the optional camera. It is your responsibility to ensure that you have permission to take photographs of people and objects and that you do not infringe any personal or third party rights when using the camera. You must comply with any applicable international or national law or other special restrictions governing camera use in specified applications and environments. This includes not using the camera in places where the use of photographic and video equipment may be prohibited. Panasonic accepts no liability for any and all losses howsoever arising from any infringement of copyright or IPR, including but not limited to direct and indirect losses.

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

SAR Statement

European union – RTTE

THIS PANASONIC PHONE (MODEL EB-G60) MEETS THE EU REQUIRE-MENTS FOR EXPOSURE TO RADIO WAVES.

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

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

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The SAR value for this model phone, when tested for use at the ear, for compliance against the standard was 0.732 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at http://www.panasonicmobile.com/health.html

Care and Maintenance

Care and Maintenance



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



Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault. If you use the phone for a long time in temperature over 40° C, the display quality may deteriorate.



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



Do not subject the equipment to excessive vibration or shock. Do not drop the battery.



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



Do not leave the equipment in direct sunlight or a humid, dusty or hot area. Never throw the battery into a fire. It may explode.



Keep metallic items that may accidentally touch the terminals away from the equipment. Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (for example, metal jewellery, keys, etc.).



Always charge the battery in a well ventilated area, not in direct sunlight, between $+5^{\circ}$ C and $+35^{\circ}$ 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 centre of the Navigation Key to select or enter the menu options

9 o o o Direction which the user can move around the display screen using the Navigation Key

Secondary Softkey

Primary Softkey/Back-Key

Numeric key pads

Press to 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

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Getting to Know Your Phone

Location of Controls



Getting Started

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 $(\hat{\underline{\ \ }})$ or may only be available on a subscription basis. Some functions are SIM dependent (\Box) . For more information contact your Service Provider.

Fitting the SIM

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

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







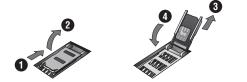
Note: Ensure the SIM retainer is properly locked into position. Failure to do so will inhibit the fitting of the battery and the battery cover.

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Getting Started

Removing the SIM

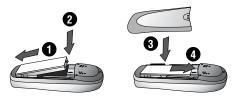
- I Unlock the SIM retainer by gently pushing towards the top of the phone (1).
- 2 Gently raise the SIM retainer (2) and remove the SIM (3). Return the SIM retainer to its flat position (4) and ensure it is correctly locked (5) before refitting the battery and battery cover.





Fitting the Battery

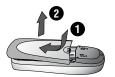
- I Insert the battery bottom first (lacktriangledown) so that the connectors touch those on the phone.
- 2 Press gently downwards and simultaneously slot the top of the battery into place (2).
- 3 Replace cover on the phone (3) and slide upwards to the top of the phone (4).



Removing the Battery

Ensure the phone is switched off and the charger is disconnected from the phone before removing the battery.

- Press top part of the cover (1) and remove (2).
- 2 Press the battery gently downwards (3) and remove from the top (4).





Getting Started

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 main power supply. The battery level indicator will scroll right to left during charging.

Disconnecting the Fast Travel Charger

When charging is complete, turn off the main power supply and disconnect the charger.



Operation of Battery Level Indicator

	While charging	Charging complete
Phone on	*	
Phone 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. 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.

Note: DO NOT insert image cards which are thicker than attached cards or metallic image cards.



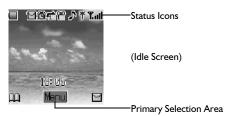
5

Getting Started

The Display

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.



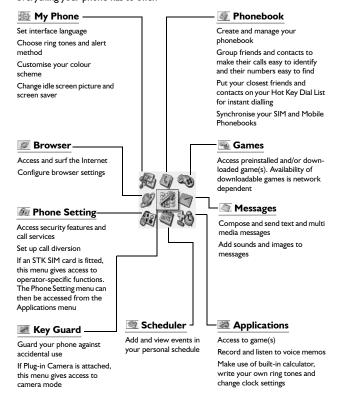
- Indicates **Battery Level**: (green) full, (red) low battery
- △ Displayed when you are registered to a non-home network **Roaming**
- White icon indicates a new message has been received. Red icon indicates the Media Folder is full.
- Indicates Alarm is set
- Indicates Call Divert is enabled
- voicemail activated
- Indicates **Ringer** is enabled ({{\|}} = vibration mode/ {\|}} = vibrate + ring/
- * Indicates GPRS service available
- Indicates it is possible to make emergency calls only
- Till GSM signal strength: T weak signal, Till strong signal
- Phone is connected to Line I phone number (Availability depends on your SIM)

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** \mathbf{key} ($\mathbf{\hat{\phi}}$).

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



Getting Started

Selecting a Function

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

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

- From Idle press , select My Phone > Sound Settings. Press
- 2 Select the profile you wish to activate from the list. Press
- 3 Use § to select Activate
- 4 Press () to activate the profile

In detail:

- I 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 o once to highlight the Sound Settings menu and press o to enter
- 5 Use o to highlight the mode you wish to set and press () to enter
- 6 Use o to highlight **Activate**
- 7 Press () to activate your chosen mode

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

Note: If SIM tool kit SIM card is fitted, **Phone Setting** menu can be accessed from **Applications** menu.

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 (a) to display the main menu, then press I then 2 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 \mathscr{D} .

When the phone is switched on a greeting will be displayed and then the phone will go into Idle. 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 $(\P_{ii} | III)$ network coverage is available in the current area.

- I From **Idle** enter area code and phone number
- 2 Press 🕥

Basic Operation

International Dialling

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

- From **Idle** press and hold until "+" is displayed
- 2 Enter country/region code (e.g. 44 for the UK; 81 for Japan)
- 3 Enter area code and phone number
- 4 Press 🕥

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

An emergency call may be made even when SIM is not fitted to the phone, however, the antenna symbol (\P) must be present.

Enter 112 press 3.

Note: Making emergency calls without a SIM installed is country or network operator dependent.

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 $(\P_{i|i|i})$ must be displayed.

Press any key except ${\mathscr D}$ to answer a call or

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

This feature allows you to identify incoming calls.

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 o to decrease the volume; use o to increase the volume

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

Basic Operation

Locking the Phone

With the Phone Lock enabled you will be restricted to answer incoming calls and make emergency calls. The Phone Lock Code is factory set to **0000**.

- 2 From the submenu select **Status** and press (
- 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 **(a)** 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 phone.

Disabling Phone Lock

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

- From Idle press (), select (Applications >) Phone Setting > Security > Phone Lock. Press ()
- 2 From the submenu select **Status** and press <a> \infty
- 3 Select Off and press
- 4 Enter the 4-digit code and press

Changing Phone Lock Code

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

- From Idle press (and select (Applications >) Phone Setting > Security > Phone Lock. Press (a)
- 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

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.

If either PIN/PIN2 is entered incorrectly 3 times (Depending on the SIM) 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:

- To enter PUK code for PIN, enter **05* you will then be prompted to enter the PUK code, then follow the on-screen instructions.
- To enter PUK2 code for PIN2, enter **052* you will then be prompted to enter the PUK2 code, then follow the on-screen instructions.

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

- I From Idle press (applications >) Phone Setting > Security > PIN. Press (applications >)
- 2 Select **Status** and press <a> •
- 3 Select **On** or **Off** from the submenu and press (
- 4 You may be prompted to enter the PIN. On first use, enter PIN of your choice (between 4 and 8 digits) and press (a)

Basic Operation

Setting Ring Volume

With the G60, 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:

- From Idle press (a), select My Phone > Sound Settings. Press (b)
- Select the profile you wish to adjust, press (*), then select Edit > Ring Volume, press (*)
- 3 Use 💠 to set the volume level, press 🕥

See Changing Sound Profiles, page 27, for more information on setting different ring modes.

Setting Silent Ring

You may wish to set at least one mode as a silent mode. To do this, set **Alerting Method** for that mode to vibration or off:

- From Idle press , select My Phone > Sound Settings. Press
- Select the profile you wish to adjust, press (a), then select Edit > Alerting Method, press (b)
- 3 Select Vibrate or Off and press

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**. See *Changing Sound Profiles*, page 27, 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 contains all you need to know about:

- 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 85, for information on text entry methods available for making Phonebook entries.

To Store a Number in the SIM Phonebook

- From **Idle** enter the phone number and press ©
- 2 Select **SIM Phonebook** and press ()
- 3 Select Name, press (a) and enter identifying name. Press (b)
- 4 Select No. and confirm the phone number. Press (a) will allow you to edit. If not, press (b)
- 5 Press n to save



Phonebook

To Store a Number in the Mobile Phonebook

- From **Idle** enter the phone number and press (a)
- 2 Select Mobile Phonebook and press
- 3 Select Name, press and enter identifying name. Press
- 4 Select **No.** and confirm the phone number. Press twice
- 5 Select **Email**, press and enter address. Press (optional)
- 6 Select **Group**, press (optional)
- 7 Select a group, press () (optional)
- 8 Select **Hot Key Dial**, press **(i)**. Enter a number from **(iii)** to **(iii)** (optional). Press **(iii)** to assign
- 9 Press 🖻 to save



Note: See *Grouping Phonebook Entries* (Mobile Phonebook Only), page 20, into which to place the entry.

Browsing Phonebook

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

- I From Idle press 📵
- 2 Use \hat{Q} (or the lettered keys) to select the entry you wish to browse

Retrieving a Number

- I Browse to locate and highlight the desired number in the Phonebooks
- 2 Press 5 to dial the number

Speed Dialling

Last Number Called

From Idle press 3 twice

Hot Key Dialling (Mobile Phonebook Only)

From Idle press and hold the appropriate hot key number

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

Assigning Hot Keys (Mobile Phonebook Only)

To assign a hot key in Mobile Phonebook to a frequently used number

- Browse to locate and highlight the desired number in the Phonebooks. Press (*)
- 2 Select Edit > Hot Key Dial. Press ()
- 3 Enter the Hot Key dial number (from to (3)) for this entry. Press (6)
- 4 Press (a) to save

Note:

- If the Hot Key number is already taken, an ID used message will appear.
- 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 (1/4).

Info Numbers or Service Dial

Your Service Provider may program some special phone numbers into your SIM $(\bar{\gamma}_k)$. It is not possible to modify these:

- I Press and hold 🖨
- 2 Use \$\display\$ to browse through the Service Dial list of phone numbers

Note: If your operator does not offer these services, these spaces will be blank.

Phonebook

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:

- Press () to select the submenu
- Use \$\oints\$ 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) etc. Press (to edit the name or number etc.

Edit

Displays the entry allowing you to make changes as required.

Press $\textcircled{\bullet}$ to change details and enter as required. Press $\textcircled{\bullet}$. Press $\textcircled{\bullet}$ 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:

- From Idle, press and select Phone-book > Copy Entries. Press
- Use § to either copy the entries of SIM to Phone or Phone to SIM. Press § twice to select



Review the Phonebook Status

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

- From Idle press (a), select Phonebook > Review. Press (b)
- 2 Use § to select SIM Phonebook or Mobile Phonebook and press § A summary of the selected Phonebook will be displayed.

Phonebook

Grouping Phonebook Entries (Mobile Phonebook Only)

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:

- I 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. Press (a). 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. Press (•)
- 6 Press to save

Retrieving a Number from a Group

- From Idle press , select Phonebook > Group Setting. Press
- 2 Use \$\dig \text{to select the group}
- 3 Press ①. Press ② again to **View** the contents of the group
- 4 Use \$\display\$ to select the desired entry
- 5 Press (5) to dial the number or (6) to edit the details of the entry

Retitling Group Names

- From Idle press , select Phonebook > Group Setting. Press
- 2 Use \$\displays to select the group
- 3 Press (a) to enter the submenu, select **Edit** and press (b)
- 4 Name is highlighted at the top of the submenu. Press (once to start editing the name and a second time to confirm. Press ()
- 5 Press (a) to save



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:

- From Idle press (a), select Phonebook > Group Setting. Press (b)
- 2 Use \Diamond to select the group, press \bigodot
- 3 Use \hat{Q} to select **Edit** and press \hat{Q} again
- 4 Select **Ring** and press (•)
- 5 Use $\hat{\mathbf{0}}$ to select **Fixed Data** or **User Data**. Press $\hat{\mathbf{0}}$
- 6 Scroll through and select the desired ring tone. Press to select
- 7 Press 🖻 to save

Phonebook

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:

- From Idle press , select Phonebook > Group Setting. Press
- 2 Use \$\display\$ to select the group, press (*)
- 3 Select **Edit** and press (
- 4 Select **Icon** and press ()
- 5 Scroll through and select the desired icon. Press () to select
- 6 Press 🖲 to save

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

- From Idle press (a) and select Phonebook > My Numbers. Press (a)
- 2 Use \hat{Q} to select an empty entry from the list of numbers. Press \hat{Q}
- 3 Use § to select **Edit** and press (§)
- 4 Use \$\display\$ to select **Name** and press (*)
- 5 Enter the name (see Text Entry, page 85) and press (
- 6 Use of to select phone No. and press (
- 7 Enter the phone number and press ()
- 8 Press (a) to save

Viewing Stored Numbers

- From Idle press (a), select Phonebook > My Numbers. Press (b)
- 2 If more than one number is available then use \$\hat{0}\$ to cycle through the listed numbers. Press (\$\hat{0}\$) 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 $(\frac{r_k}{4})$.

- From Idle, press (a), select My Phone > Language. Press (b)
- 2 Use \$\dip\$ to select the language you wish to use
- 3 Press () to select the desired language

Adding a Start-up Greeting

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

- From Idle press , select My Phone > Display Settings > Greeting. Press
- 2 Use the text entry facility to add a greeting (see Text Entry, page 85). Press to confirm



Idle Screen Image (Wallpaper)

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

To choose an image for the Idle screen:

- From Idle press ♠, select My Phone > Display Settings > Idle Screen.
 Press ♠
- 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, press (*)
- 3 Use of to select the required image
- 4 Use (a) to view image. Press any key to return
- 5 Highlight the Wallpaper No. you want and press to select



Personalising Your Phone

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:

- I From Idle press ⑥, select My Phone > Display Settings > Screen Saver. Press ⑥
- 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. Press . Use \$\dip\$ to select the required image
- 3 Use 🖻 to play animation. Press any key to return
- 4 Highlight the Animation No. you want and press (a) to select



Turning Screen Saver On & Off

Select My Phone > Display Settings > Screen Saver > Setting > Status 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:

- I From Idle press (a) and select My Phone > Display Settings > Colour Themes. Press (b)
- 2 Use \$\dip\$ 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:

- From Idle press select My Phone > Sound Settings. Press ()
- Select the profile you wish to activate from the list. Press (*)
- 3 Use of to select Activate
- 4 Press (to activate the profile



Personalising Your Phone

Editing Sound Profiles

To edit a Profile:

Message Tone

- From Idle press and select My Phone > Sound Settings. Press
- Select the profile you wish to edit from the list. Press (i)
- 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

 $(\textbf{Fixed Data}) \ \text{or downloaded melodies/ring tones that}$

you have written (**User Data**). Press 💿

Select required type from **Fixed Data** or press (a) to preview the User Data or (b) to confirm ring tone selec-

tion

Alerting Method Select from Ring/Vibrate/Vibrate & Ring/Flashing/

Off

Ring Pattern Select either Continuous or Once

Ring Volume
Use 🌣 to set the volume level. To mute volume, use the Alerting Method submenu

Select a ring tone from the lists of preinstalled melodies

(Fixed Data) or downloaded melodies/ring tones that

you have written (User Data). Press (i)

Select required type from **Fixed Data** or press (a) to preview the User Data or (b) to confirm ring tone selec-

tion

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 (1)

The Panasonic G60 is able to use various downloaded data. The down-loaded 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 67, 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:

- From Idle, press select My Phone > Media Folder and press
- Use \(\bar{\omega}\) to select the media type (either **Picture**, **Animation** or **Melody**).
 Press (\(\bar{\omega}\))
- 3 Use of to select a file

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

4 Press (a) and use (b) to select **Rename**, **Delete**. Press (a)

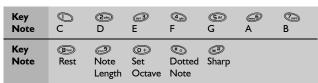
Personalising Your Phone

Composing a Melody

- From Idle, press , select Applications > Edit Ringtone. Press (*)
- 2 Press () to select **Notes:**

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





- Referring to the table above, use the keys to to enter notes
- 4 The notes appear in the format 2C4 as shown on the right when \(\bigcup\) is pressed
- The first number (2 in the display on the right) indicates the note octave. The default value is 2. Press to change octave (range from 1 to 3).
- The number of the right (4 in the first display on the right) indicates the notes length. The default value is 1/4. Press (3) to change note length (range from 1 to 1/32).
- In the second display 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 .



OKI

Plavi

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

5 When the composition is complete, press (a) twice and enter the title. Press (b) to save the name and (c) to save the composition

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.

- I From Idle, press (a), select My Phone > Display Settings > Backlight Time. Press (b)
- Use © to cycle through the times available (10 Seconds/30 Seconds/60 Seconds)
- 3 Press () to select the desired time

Key Backlight On/Off

Longer battery life can be maintained by setting the key backlight off.

- I From Idle press select My Phone > Display Settings > Key Backlight. Press
- 2 Use ô to select On or Off
- 3 Press () to select

Contrast

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

- From Idle, press , select My Phone > Display Settings > Contrast. Press
- 2 Use 💠 to set the desired contrast level
- 3 Press () to confirm selection



Personalising Your Phone

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 (a) to select On/Off.

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.

- From Idle, press (a), select My Phone > Defaults. Press (b)
- 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

Note:

- For full details of the Phone Lock feature, turn to Locking the Phone, page 12.
- 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).

Phone Security

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 Plug-in Camera is attached, press and hold (a) to select Key Guard menu.



When a call is received, Key Guard will be disabled temporarily, allowing the user to press any key except \mathscr{O} to answer the call. Emergency calls can still be made – see *Emergency Calls*, page 10.

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

- From Idle press (and select (Applications >) Phone Setting > Security. Press (a)
- Use of to select Phone Lock, PIN or PIN2. Press (iii)
- 3 Use \circ to select **Change** (**Code**) and press \circ (for PIN2, skip to step 4)
- 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.

- From Idle press (and select (Applications >) Phone Setting > Security > Call Bar. Press (a)
- Use ^o to select Bar Voice or Bar Data.
 Press ^o
- 3 Follow the submenus to set the desired restrictions





Phone Security

Outgoing Calls (Bar Voice)

Select from All Calls/International Calls/International Calls Except Home/Off

Incoming Calls (Bar Voice)

Select from Off/When Roaming/All Calls

Bar Data Select from All Calls/International Calls/International

Calls Except Home/Off

4 Press ()

5 Select On/Off and press ()

6 Enter Call Bar password and press

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

You can change individual Call Barring settings following the instructions above or cancel all call barring settings by selecting (Applications >) Phone Setting > Security > Call Bar > 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:

- From Idle press (and select (Applications >) Phone Setting > Security > Fixed Dial. Press (a)
- 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:

- ⇔ 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

- I From Idle press and select
 Applications > Clock Function >
 Clock Set. Press
- 2 Press
 to select the time entry
- 3 Use the numbered keys to enter the correct time (using the 24-hour clock) or use ô to adjust the time displayed. Move between the hour and minute fields using <0>



4 When the time is entered correctly, press () to confirm

Applications

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

- I From Idle press (a) and select Applications > Clock Function > Alarm Set. Press (a)
- 2 Use \hat{Q} to select the alarm to be set. By default the alarms are named **Alarm I. Alarm2** and **Alarm3**. Press (\hat{Q})
- You should first set the alarm time. Pressto 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 . Press (i) when complete
- 5 Use \hat{Q} to highlight the desired schedule for the alarm and press \hat{Q} to select
- 6 Select Melody. Press ()
- 7 Select Fixed Data or User Data. Press (
- 8 Highlight and select the desired alarm melody from the submenu. Press (a) to confirm





When the alarm has been set, (12) will be displayed.

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 55 seconds.

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:

- From Idle press and select Applications > Clock Function
- 2 Select Power On Time or Power Off Time. Press (6)
- 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 (a) 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**.

Applications

Calculator

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

- 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 . Pressing will add "-" in front of a number
- 3 Use 🕮 to scroll through and select the arithmetic operation you wish to perform



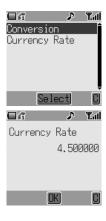
- 4 Enter a second number (maximum 8 digits). It will be displayed next to the operation symbol
- 5 Press () to complete the calculation

Currency Converter

The currency converter enables the user to convert prices using a conversion rate that you enter.

- I Access the calculator, see page 40, then press (a) (Menu) to open the currency converter menu
- 2 Use § and press (e) to select Currency Rate then enter the appropriate conversion rate to six decimal places. The conversion rate is entered as the number of units (dollars, pounds etc.) of the currency you want to convert to in a single unit of the currency you want to convert from. If, for example, there are exactly 4.5 dollars (the currency you want to convert to) to one schilling (the currency you want to convert from), enter 4.500000 as shown.

Press (a) to confirm. This step can be skipped for subsequent conversions if the exchange rate is unchanged



3 Return to the calculator screen and enter the value in the currency you wish to convert (schillings in the example above). Press (a) to open the currency converter menu and select the second item, **Conversion**. Press (b) to perform the conversion

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 User Messages
- 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 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 (i), select Messages > Setting > SMS/EMS > Message Centre. Press (ii)

Include the international dialling code in the Message Centre number. Press $\ensuremath{\bullet}$



Life Time

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 Life Time expires.

From Idle press (a), select Messages > Setting > SMS/EMS > Life Time. Press (b)

Select from **Defaults**, **I hour**, **I2 hours**, **I day**, **I week** or **Maximum** to set the time after which messages are automatically deleted. Press (•)

Messaging Protocol

From Idle press (a), select Messages > Setting > SMS/EMS > Protocol. Press (b)

Select the appropriate protocol for sending messages. Press

Delivery Confirmation Setting

From Idle press (a), select Messages > Setting > SMS/EMS > Report. Press (b)

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





Creating a Text Message

- From Idle press , select Messages > Create > SMS/EMS. Press ()
- Write text message. To change text input method (displayed in lower left corner of display), press ©. See Text Entry, page 85, for details.

Press & to cancel the message

- 3 Press when you have finished composing the message
- 4 The submenu that appears gives the options of **OK**. Press . For information on adding attachments, see Text Attachments, page 46
- 5 When [New Entry] is displayed, select an entry from Phonebook or enter the destination manually.
 - From Phonebook:
 Press

 and select desired entry. Press
 ♠, then

 to save. Press

 twice
 - Manual entry:
 Press twice. Enter destination number, then press three times
- 6 You will be asked **Send Msg Now?** I page(s). 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 User Messages

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

- From Idle press (a), select Messages > Create > SMS/EMS. Press (b)
- 2 Instead of writing the message content, press and select User Msgs. Press . A list of the saved user messages will be displayed
- 3 Select the desired user message and press (
- 4 Send in the same way as for a standard text message. See page 44

Note: View your user messages at any time by going to **Messages** > **User Messages**. You can also use this menu to compose new user messages.

Text Attachments

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

To include an attachment:

- Follow the instructions on page 44 to write the text message then press . When the OK/Insert Media/User Msgs./Add Sig./Select submenu appears (see step 4 page 44), select Insert Media. Press .
- 2 Use of 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. If you want to send a larger message, your phone will automatically configure your message as a string 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 **New Message(s)!** and the message indicator () will appear 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 **(e)** and select **Messages** > **Inbox**

Use \diamondsuit to select a message to read (if there is more than one) and press $\textcircled{\bullet}$ 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

Chat

Store 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.

Either: When reading a previously sent or received message, press and select Chat, press and/or enter your Nickname (up to 10 characters) – see Text Entry, page 85.

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 85. Press ① again and enter the destination phone number if necessary (or browse and select from Phonebook). Press ②.

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. The chat mode ends at this time.

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 Messaging 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.

- I From Idle press (), select Messages > Setting > MMS > Server List. Press ()
- 2 Select the server and press
- 3 Use \hat{Q} to select **Edit** and press $\textcircled{\bullet}$
- 4 Select Bearer Type or MMS Setting and press

 to start configuring settings
- 5 If Bearer Type is selected as CSD, set GPRS setting to off, see page 72



Note:

- Your MMS settings may have been pre-configured by your service provider. Contact your service provider if you are unclear how to proceed.
- Use the Messages > Setting > 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.

- From Idle press (a) and select Messages > Create > MMS. Press (a)
- 2 Compose the text part of the message (see Text Entry, page 85, 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 (a). When [New Entry] is displayed, select an entry from Phonebook or enter the destination manually.
 - From Phonebook:
 Press (a) and select desired entry. Press (b), then (c) to save. Press (d) twice
 - Manual entry:
 Press twice. Enter destination number, then press three times
- 6 If desired, a message can be delivered as a copy to another recipient. To do this, use ô to select Cc:. Press and follow the operation in step 5



₩.il

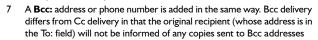
oa

Menul

Add Slide

Insert Slide

<u>nk</u>



- 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 ②
- 9 Use **o** to select **Send** or **Save** as appropriate. Press **o** twice



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.

- I Compose a message following steps I to 3 on the previous page. Press ()
- 2 From the submenu select Insert Media. Press ()
- 3 Use \hat{Q} to browse and select media files available on your phone. Press 9
- 4 When you have selected files, press (
- 5 When settings are completed, press () twice
- 6 Follow the MMS destination entry procedure from step 5 on page 50

Managing Message Lists

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/EMS message
- indicates an unread MMS message



Y.ull

Chat

Reply

Call Back

Store Number Delete

Select

Forward

From the **Inbox**, select a message. Press $\textcircled{\bullet}$ to read the message or e to view other options:

Reply to the message

Call Back the sender

Forward the message

Chat

Store Number

Delete the message

Delete All messages from the Inbox

Extract Media files from the message (If any file is attached to the message)

Edit the message content before forwarding or saving



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

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

Cell Broadcasts

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

- From Idle press (a), select Messages > Broadcasts > Topics and press (b)
- 2 Select [New Channel] and press twice to insert a new topic
- 3 Enter Channel No. and press (



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

- From Idle press , select Messages > Broadcasts and press
- 2 Select **Receive** and press ()
- 3 Use \$\display\$ to select **Enable** or **Disable** and press (*)



Language

The language in which broadcast messages displayed can be changed ().

- I From Idle press ♠, select Messages > Broadcasts > Languages and press ♠
- 2 Select a list and press ()
- 3 Select required language and press

Call Information

Call Information

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

- Recent calls made, received and missed

Recent Numbers

Recently dialled phone numbers are stored in Last Call.

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.

- I From Idle press 3
- Use \(\displies\) to select Last Call, Answered Call or Unanswered Call. Press \(\displies\)
- 3 Use \hat{Q} to select the phone number (or name) you wish to redial. Press \hat{Q}

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 To Store a Number in the SIM Phonebook, page 15 and To Store a Number in the Mobile Phonebook, page 16.

Calling the Last Dialled Number

To redial your last called phone number press 3 twice.

Returning an Unanswered Call

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

I Press ()

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

- 2 Use \hat{Q} to select the phone number you wish to dial
- 3 Press 🕥

Call Duration

- From Idle press (*), select (Applications >) Phone Setting > Call Services > Calls. Press (*)
- 2 Use \$\display\$ to select one of the features described below, and press (*\display\$)

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.



Call Information

GPRS Call Duration

Note: The Connections function is SIM dependent ().

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

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

All Connections displays the amount of data transfer.



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 ().

- I From Idle press (i), select (Applications >) Phone Setting > Call Services > Service Charges > Price Unit. Press (i)
- 2 Press () to edit the values

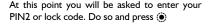


At this point you will be asked to enter your PIN2 or Lock code. Do so and press $\widehat{\bullet}$.

- 3 Enter a currency unit (up to three characters) e.g. GBP. Press (a) twice
- 4 Enter a price and press () twice

Setting the Maximum Unit Level

- I From Idle press (i), select (Applications >) Phone Setting > Call Services > Service Charges > Max Cost:. Press (i)
- 2 Press () to edit the values





- 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

Call Information

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 \cdot_{k}^{1}).

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

This section contains detailed information on call management including:

- Call holding
- ⇔ Call waiting
- A Making and receiving a second call
- \Rightarrow 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:

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





Note:

- To edit a call diversion setting, follow the steps on page 59 and reset according to the new settings.
- To cancel a diversion setting, select Off in step 4 on page 59. To cancel all diversion settings, go to (Applications >) Phone Setting > Call Divert > Cancel All.

When a divert situation is enabled the divert icon (\digamma) is displayed. When updating or checking the status of Call Divert the phone must be registered with a network ($\frac{r}{4}$).

Holding Calls

Holding a Call

During a call press @. The call is then put on hold.

Resuming a Call

Press (2) to resume the call.

Making a Second Call

- During an ongoing call, enter phone number (or recall from Phonebooks

 see Browsing Phonebook, page 16)
- 2 Press . The first call will be placed on hold

Receiving a Second Call (Call Waiting)

A second call can be received, if Call Waiting is switched on. This is enabled from the (**Applications** >) **Phone Setting** > **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 (\(\bigcirc\) \(\bigcirc\)).

Accepting a Second Call

Press

to accept another incoming call. The current call will be placed on hold

Rejecting a Second Call

Press (a) to reject the second call.

Ending Current Call to Receive Another

- I Press @ when the second call is received to end the current call
- 2 Press any key except \mathscr{D} or \diamondsuit to receive the new call

Operation During Two Calls

Swapping Between Calls

- I Press
- 2 Use § select Swap Call. Press (•)

Ending Current Call

- I Press
- 2 Use **§** to select **Hang Up**. 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:

- I Press (*)
- 2 Use of to select Call Transfer. 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

Enabling Multi-party

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

- I Press (
- 2 Use \$\dip\$ to select **Conference Call**. Press \$\dip\$

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.

- I Press (

)
- 2 Use § to select Private call. Press ()
- 3 Use § to select a caller in the Multi-party
- 4 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:

- I Press
- 2 Use of to select Hang up. Press ()
- 3 Use \hat{Q} to select a caller in the Multi-party
- 4 Press ()

Ending all Connections

During a Multi-party call:

Press Ø 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.

- I From Idle press (a), select (Applications >) Phone Setting > Network > New Network. Press (a)
- Your phone will search for available networks
- 3 Use \(\bar{0} \) to select one from the list of available networks. Press \(\bar{0} \)

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.



Scheduler

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

Creating a Reminder

From Idle, press (a), select Scheduler and press (b) again.

- I Select [New Event] and press (to create a new schedule event
- First move the cursor to the year entry by using ô then use ô to adjust the entry if necessary
- 3 Press «o to highlight the month. Use ô in the same way to adjust the month entry. Press «o to return to date selection
- 4 Use �� to place the cursor over the appropriate date entry. Press to select the date
- 5 Enter the time for the reminder. Use the numbered keys to enter the correct time (using the 24-hour clock) or use \$\display\$ to adjust the time displayed. Move between the hour and minute fields using \$\lifts\$.
- When the time is entered correctly, press
 to confirm
- 7 Enter a name to identify this schedule entry. Press (*)





Viewing & Editing Reminders

Open the Schedule menu. All scheduled reminders are listed. Use \S to highlight the reminder you wish to view and press $\textcircled{\bullet}$. The time, data and name of the reminder will be displayed. Press $\textcircled{\bullet}$ to edit the details.

Games

Embedded Games (1)

To enter the Games menu:

- From Idle, press (a) and select Games. Press (a)
- 2 Select a game and press
- 3 Select Start to start playing the game, press Select Help/Instructions to read the instruction on how to play the selected game

Downloadable Games (1)

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

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

- From **Idle**, press **(a)** and select **Games** (or press and hold **(a)**)
- 2 Select Catalogue and scroll through the games menu

Managing Multimedia Files

The multimedia files saved in G60 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

- I From Idle, press (a), select My Phone > Media Folder > Picture or Animation. Press (b)
- 2 Use § to select a file to display. Press ()
- 3 Select Preview. Press ()

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

Managing Multimedia Files

Playing Melodies

- From Idle, press

 and select My Phone > Media Folder > Melody.
 Press
- 2 Use § to select a file. Press 🕞 to play

Note:

- You can compose your own melodies and ringtones. Turn to Composing a Melody, page 30, for full instructions.
- You cannot edit polyphonic ring tones, music files or files that cannot be forwarded or saved.

Renaming Files

- From Idle, press (i), select My Phone > Media Folder. Press (ii) and open the subfolder for the file you wish to rename. Press (ii) twice
- 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 MMS Msg screen.

Note: You cannot copy a file that cannot be forwarded or saved. You can press (a) to select Create Mail while the file is displayed.

Deleting Files

- I From Idle, press (a), select My Phone > Media Folder. Press (a) and open the subfolder for the file you wish to delete. Press (b)
- 2 Use of to select the file to delete. Press ()
- 3 Select **Delete**. Press () twice

Checking File Properties

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

- From Idle, press , select My Phone > Media Folder. Press and open the subfolder for the file you wish to check. Press
- 2 Use of 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 **Capacity Full!** or **Memory not enough**. Press 9 to keep file or $\textcircled{\bullet}$ to delete file.

Checking Folder Properties

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

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.
- See Personal Settings table on page 102, for your record.
- I From Idle press (a), select Browser > Browser Setting > Set Profile. Press (b). Use (c) to select a browser profile (you can configure up to five browser profiles). Press (b)
- 2 Select Edit. Press 🕥
- 3 Select WAP Setting. Press



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) and **Authentication**.



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 (•).

If **Bearer Type** is selected as **CSD**, set GPRS setting to off. If not, set GPRS setting to on. To do so, go to **Browser** > **Browser Setting** > **Set GPRS** > Select **GPRS Off/On**. Press (•).

Activating the Browser

To activate the Browser, either:

From Idle, press (a) and select Browser > Start Browser. Press (b)

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 $(\hat{\Phi})$ to scroll through the content on the screen as follows:

Use \$ to scroll up/down on the current page
Use •0 to return to the previous object
Use •• to return to the next selectable object

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 previous page

Go To URL

Enter URL

Home

Displays the Home URL content as defined by the network operator

Exit

Deactivates the Browser

Bookmarks

Use, view, add and delete bookmarks

Save Items

To save images or other items from the current page

SnapShots

Take a snapshot of the current page

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

- I While viewing the page, press 🔊
- 2 Use of to select Bookmark
- 3 Use of 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 Details**.

Deleting Bookmarks

Select **Bookmarks** from the Browser menu. Select **View** and use \hat{Q} to highlight the bookmark you want. Press \widehat{Q} and select **Delete**.

Deactivating the Browser

The Browser can be deactivated as follows:

When browsing on-line, press Ø to return to Idle mode.

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

WAP Push Message

WAP Push Message Icon 🚛



This icon indicates a new WAP Push message has been received.

Reading a WAP Push Message

When the icon is displayed, press and hold 🕕 then inbox for WAP Push message is displayed.

Note: If you are not in a WAP browse when you receive WAP Push message you will not be able to access it.

Additional Features

Additional Features

Voice Memo

You can record a two-way conversation during a call. 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

During a call, press . Use of to select Memo. Press .

If you press (a) 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 🖲.



Delete a Voice Memo

From Idle, press (a) and select Applications > Voice Memo Play > Delete. Press (a).

Voice Recorder

You can use this phone as a Voice Recorder.

Record a Voice Recorder

From **Idle**, press (a) and select **Applications** > **Record**. Press (a). The recording will stop automatically after 10 seconds.

Play Back a Voice Recorder

- From Idle, press and select My Phone > Media Folder > Melody, press
- Select required "AMR" using \$\hat{0}\$, press \$\hat{0}\$ or
 Select required "AMR" using \$\hat{0}\$, press \$(\hat{0}\$) twice

Delete a Voice Recorder

- From Idle, press

 and select My Phone > Media Folder > Melody, press

 press

 and select My Phone > Media Folder > Melody, press

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- 2 Select required "AMR" using \$\odgraphealta\$, press \$\oldraphealta\$
- 3 Select **Delete** using **ô**, press **()** twice

Additional Features

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 (to), and and (during a call.

Pause Dial

Pause Dialling allows you to send DTMF tones automatically.

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

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

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:

- I Press (

)
- 2 Use ĝ to select **Hands Free**. Press 📵

During a Handsfree call:

Press once and select Handheld to revert to Handheld operation

Auto Answer

When Auto Answer is switched on, and Personal Handsfree 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 (a) and select My Phone > Auto Answer. Choose Enable and press (a).

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

Plug-in Camera

Plug-in Camera

With the Panasonic Plug-in Camera 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. This Camera is sold as an Accessory depending on your region.

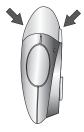
When the camera accessory is plugged in, the main menu changes. The **Key Guard** icon is replaced by a **Camera** icon as shown. Select **Camera** for all related functions.



Fitting and Removing the Plug-in Camera

First, remove the cap from the Camera by pressing both sides of the cap. Insert Plug-in Camera into the connector at the bottom of the phone, release key facing up until it clicks into place.

To release the Plug-in Camera, press release key (1) and pull downward (2).



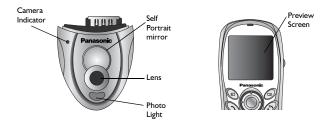




Taking a Picture

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

- From Idle, press (and select Camera. Press (a)
- 2 Position the camera to frame the desired photo in preview screen Use ô to zoom in,
 - o to zoom out
 when you are ready, press (e) to capture the photo
- 3 The captured photo will be displayed. Press (a) to store the photo in your Media Folder. To send the photo via MMS press (a) to save it. See Creating an MMS Message, page 50 section 4 on wards
- 4 If you wish to delete the photo press @



Note: Zoom function is not available when you choose VGA size.

Plug-in Camera

Camera Options

First ensure the camera accessory is plugged in. Then:

- I From Idle, press (a) and select Camera. Press (a)
- 2 Press of to open the **Set** menu. Select from the following options:

Photo Resolution

Choose from VGA (640 \times 480), QVGA (320 \times 240), QQVGA (160 \times 120) or Screen Size (128 \times 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 $(0 \sim 9)$
(D+)	Alternatives	+_	+_	+_	0
	Punctuation	.@/:;*#+-",!i?i_()[]{}`&%\^~ <>=€£\$\fak{f}\$		I	
(Sapt)	abc	ABCabc	АВГ	AÄÅÆBCÇaäåæàbc	2
(del 3)	def	DEFdef	ΔEZ	DEÉFdeèéf	3
(d _{gh})	ghi	GHlghi	НΘΙ	GHlghiì	4
(5 ki)	jkl	JKLjkl	KΛM	JKLjkl	5
(mo.5)	mno	MNOmno	NEO	MNÑOÖØmnñoöøò	6
Part	pqrs	PQRSpqrs	ΠΡΣ	PQRSpqrsß	7
8 tuv	tuv	TUVtuv	ТҮФ	TUÜVtuüùv	8
(3)	wxyz	WXYZwxyz	ΧΨΩ	WXYZwxyz	9
*	Shift/Lock*	Shift/Lock*		Shift/Lock*	*
(III)	Space	Space	Space	Space	#

^{*} Press ② once to enter a single capital letter (subsequent characters will be lower case). Pressing ③ twice acts as a keyboard CAPS LOCK function and subsequent characters will be uppercase. Press ③ a third time to return to lowercase character entry.

Text Entry

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 $\hat{\mathfrak{g}}$ 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 \bigcirc to cycle through until the desired mode is displayed in the left side of the display.

When using Normal (ABC), Greek (ABF) 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 \$\display\$ 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 \bigcirc will delete the character to the left of the cursor or delete the current line when pressed and held.

Troubleshooting

Should any problem persist contact your dealer.

Problem	Cause	Remedy	
Phone will not switch on		Check that the battery is fully charged and correctly connected to the phone	
Extremely short battery life for a new battery	The network you are using and the condition of the battery can affect battery life		
Short battery life for an old battery	The battery has worn out	Replace with a new fully charged battery	
The 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	
	The battery is not attached to the phone		
Battery fails to charge	Battery has been connected to the phone after the fast travel charger has been switched on	Ensure the battery is fitted to the phone prior to commencing charging	
	The battery has been deeply discharged. The phone will take a short time until indicator lights	Leave the phone charging the battery for a few minutes before the indicator is lit and attempting to switch it on	

Troubleshooting

	The phone is locked	Unlock the phone
Calls cannot be	Outgoing calls are barred	Disable the outgoing call barring, or barred dial
made	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
	The phone is not switched on	Switch the phone on
Calls cannot be	Incoming calls are barred	Disable the incoming call barring
received	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 Y is displayed – move to a coverage area and operate your phone when the antenna symbol is displayed
Phone numbers	The phone is locked	Unlock the phone
cannot be recalled from Phonebook	Phone number has been restricted	Switch off restriction

Important Error Messages

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

Unregistered SIM	The network has detected an authentication failure because your SIM is not registered with that network – contact your service provider
Invalid SIM	The SIM is blocked because one of the PIN/PIN2 unblocking keys (PUK/PUK2) has been entered incorrectly ten times – contact your service provider
Insert SIM	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
Password Incorrect: Try Again	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 Must Be Unblocked	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
only for MMS: Capacity 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 Num- ber Too Long (Max:20)	The edited or newly created Phonebook number is too long for the SIM
Capacity Full!	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted

Troubleshooting

Unlock Code Incorrect. Try Again	On changing the phone lock code, verification of the new code is incorrect – retry changing the lock code with correct verification Disabling or enabling the lock code has failed due to incorrect entry of the lock code – re-enter lock code
Incorrect: xx Tries Left	The entered code is incorrect – re-enter code correctly

Glossary of Terms

APN	Access Point Name. Directs the user to the gateway or the required service
СНАР	Challenge Handshake Authentication Protocol. A security feature for the GPRS network
Сору	Copies selected text from short text message without removing it from the original message
Cut	Permanently removes selected text from short text message
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. A GSM data transmission technique that transmits and receives data in packets rather than setting up a continuous channel. It makes very efficient use of available radio spectrum and users pay only for volume of data sent and received
GSM	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses
MMS	Multimedia Message Service. Attach images and music to text messages
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

Glossary of Terms

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
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)

Туре	GSM900 GSM1800
	GPRS Class 8
Temperature Range Charging Storage	+5°C − +35°C −20°C − +60°C
Weight	87 g
Dimensions (mm) Height x Width x Depth	104 x 47 x 19
Supply Voltage	3.7 V DC, 740 mAh
Standby Time (hrs) Talk Time (hrs)	80 to 250 1.6 to 5
Charge Time (Phone off)	Up to 110 min.
Antenna	Internal
SIM Type	3 V
Phonebook Memory	200 + SIM
Memory Storage	576 kB

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, backlight 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) I 2898333

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Tel: 90-312-467 30 94/2 Lines pbx

Fax: 90-312 467 85 38

ISMIR BRANCH OFFICE CUMHURIYET BULVARI NO:330

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Tel: 90-232-464 29 01 pbx

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ČADDESÍ NO.:7 BURSA Tel: 90-224-225 10 46 pbx

Fax: 90-224-223 81 03

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Fax: 90-322-453 21 32

TRABZON BRANCH OFFICE MARAŞ CAD.MARAŞ APT.NO:51 D.:2

61200 TRABFON Tel: 90-462-321 33 08 Fax: 90-462-326 37 78

ANTALYA BRANCH OFFICE ALTINDAĞ MAH. 146 SOKAK ÖFKOÇ

APT.NO:9/1-2A ANTALYA Tel: 90-242-243 23 70 / 3 Lines Fax: 90-242-243 23 72

DİYARBAKIR BRANCH OFFICE LİSE CADDESİ GÖKALP APT.NO: 18/A

DİYARBAKIR Tel: 90-412-228 73 00

Fax: 90-412-228 73 00

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

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

- (i) the sales company or national distributor will handle the repair service; or
- (ii) the sales company or national distributor will arrange for trans-shipment of the appliance to the EU/EEA country where the appliance was originally marketed; or
- (iii) the purchaser may himself send the appliance to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed.

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

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

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

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

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

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

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

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

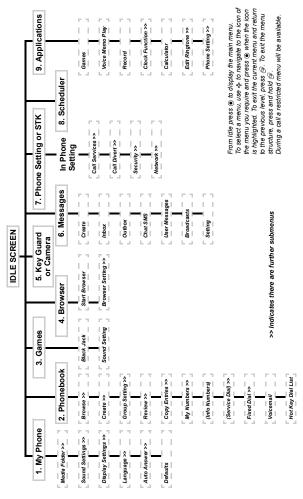
Please keep this guarantee with your receipt.

Personal Settings

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

Item	Hint	Current Setting
WAP Setting		
Primary IP		
Primary Port		
Secondary IP		
Secondary Port		
Timer		
Homepage		
Bearer Type		
GPRS		
User Name		
Password		
Access Point Name (APN)		
Authentication	None/PAP	
CSD		
User Name		
Password		
Phone Number		
Line Type	Analogue/ISDN	
Transfer Rate	Automatic/9600	

Menu Structure



Accessories

Li-Ion Battery (EB-BSG60)



Double your talk time by having a spare battery.

Personal Handsfree (EB-EMD35)



Talk and move while keeping your hands free by using this accessory. Just place the earpiece in your ear and the adaptor in the side of the handset – and talk.

Car Charger (EB-CDG60)



Top up your battery in your vehicle by attaching this accessory to your phone and to the cigarette lighter socket.

Fast Travel Charger (EB-CAG60UK)



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

Fast Travel Charger (EB-CAG60EU)



Accessories

Data Cable (EB-RSG60)



This Data Cable is used to connect your phone to a PC, allowing data communication between them. This should be used in conjunction with the Free Panasonic Data Connection Assistant Software.

The software can be downloaded from http://www.panasonicmobile.com

Camera Adaptor (EB-MCG60)



With the Panasonic Plug-in Camera attached to your phone, you can take photos then save them or send them immediately in a MMS message.

Identify a Genuine Panasonic Accessory

Panasonic produces some of the most advanced mobile phones available. So, as you'd expect from this class leader, the range of accessories are second to none.

Most genuine Panasonic accessories will have a label showing an "EB-XXX00" model number.

Accessories may change without notice.

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Licensing

In-Fusio



In-Fusio have developed specific software called ExEn for the purpose of downloading and playing games from mobile handset.

OpenWave |

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





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Purchase Date		