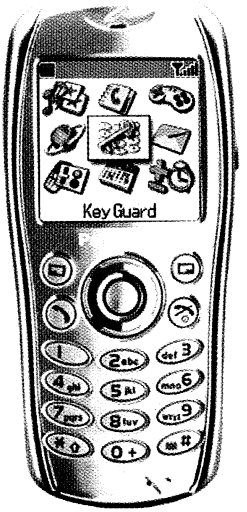
Panasonic

Operating Instructions
Digital Cellular Phone

EB-G60

G60



GSM

Before operating this phone, please read these instructions completely and save this manual for future use. Charge battery before operation.

Important Information

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900 or GSM1900. It also supports GPRS for packet data connections. Ensure the battery is fully charged before use.

Safety Considerations

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

This equipment should only be charged with approved charging equipment. 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-CAG60US) is supplied with the Main Kit. Other recommended equipment for charging – Car Charger (EB-CDG60).

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 trash. 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, 140°F).

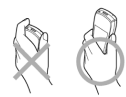
It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a Handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning 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 as it may impair the camera's performance.

If you use a 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.



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

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.

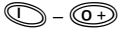
Keep metallic items that may accidentally touch the terminals away from the equipment. Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (for example, metal jewellery, keys, etc.).

Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.

When connecting the phone to an external source, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the phone is compatible with the product it is being connected to.

When disposing of any packing materials or old equipment check with your local authorities for information on recycling.

Quick Reference

	Press centre of the Navigation Key to select or enter the menu options
	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.

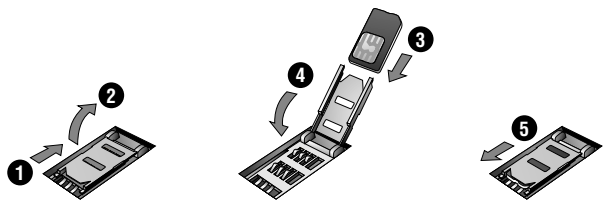
These operating instructions detail use of the equipment contained in the Main Kit.

Some services detailed are network dependent ( ) or may only be available on a subscription basis. Some functions are SIM dependent ( ). For more information contact your Service Provider.

Fitting the SIM

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

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

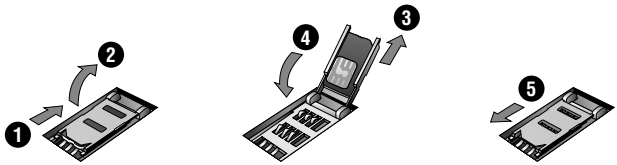


Note: Ensure the SIM retainer is properly locked into position. Failure to do so will prevent the fitting of the battery and the battery cover.

Removing the SIM

1 Unlock the SIM retainer by gently pushing towards the top of the phone (❶).

2 Gently raise the SIM retainer (❷) and remove the SIM (❸). Return the SIM retainer to its flat position (❹) and ensure it is correctly locked (❺) before refitting the battery and battery cover.

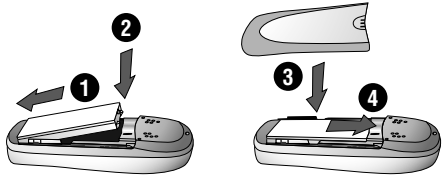


Fitting the Battery

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

2 Press gently downwards and simultaneously lower the top of the battery into place (❷).

3 Replace cover on the phone (❸) and slide upwards to the top of the phone (❹).

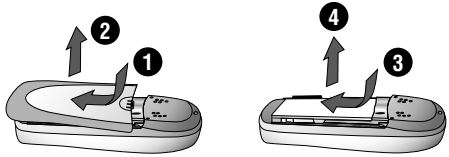


Removing the Battery

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

1 Press top part of the cover (❶) and remove (❷).

2 Press the battery gently downwards (❸) and pull up from the top (❹).

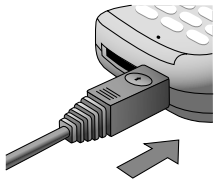


Charging the Battery

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.

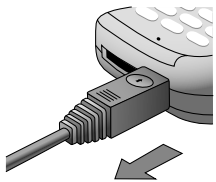


Note: DO NOT force the connector as this may damage the phone and/or the charger.

Plug the charger into a standard wall outlet. The battery level indicator will scroll right to left during charging.

Disconnecting the Fast Travel Charger

When charging is complete, unplug charger from wall outlet 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.

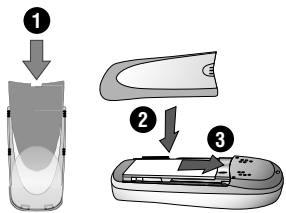
Low Battery Warning

When the battery power is low, the battery indicator is 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 Card

Customized 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.

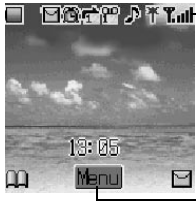
Note: DO NOT insert image cards which are thicker than attached cards or metallic image cards.



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 phone 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/ = flashing mode)

Indicates GPRS service available

Indicates it is possible to make emergency calls only

GSM signal strength: – weak signal, – strong signal

Phone is connected to Line 1 phone number (Availability depends on your SIM)

Note: All screen images in the manual are simulated.

Menu System Overview

The menu system provides the means for accessing all the functions that do not have their own dedicated buttons on the keypad. Each menu contains a list of options. Some menus have further submenus.
The submenus and functions are selected using the five-way **Navigation key** (‹◌›).
The diagram below gives an overview of the contents of the menus to help you find your way around. This is just a summary. Keep reading to discover everything your phone has to offer.

My Phone

Set phone language

Choose ring tones and alert method

Customize your color scheme

Change idle screen picture and screen saver

Phonebook

Create and manage your phonebook

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

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

Synchronize your SIM and Mobile Phonebooks

Browser

Access and surf the Internet

Configure browser settings

Games

Access preinstalled and/or downloaded game(s). Availability of downloadable games is network dependent

Phone Setting

Access security features and call services

Set up call divert

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

Messages

Compose and send text and multi media messages

Add sounds and images to messages

Key Guard

Prevent accidental key presses

If Plug-in Camera is attached, this menu gives access to camera mode

Scheduler

Add and view events in your personal schedule

Applications

Access to game(s)

Record and listen to voice memos

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

Selecting a Function

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

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

1 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:

1 From the **Idle** screen, press ◉ to display the main menu
2 Use ⊹ to highlight the **My Phone** menu
3 Press ◉ to enter the menu
4 Use ⇳ once to highlight the **Sound Settings** menu and press ◉ to enter
5 Use ⇳ to highlight the mode you wish to set and press ◉ to enter
6 Use ⇳ 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 ⌀ 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, instead of navigating through the display menus. To change Sound Setting, for example, from the Idle screen, press ◉ to display the main menu, then press 1 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 .

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 ( ) network coverage is available in the current area.

1. From **Idle** enter area code and phone number
2. Press

International Dialing

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

1 From **Idle** press and hold 0+ 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 dialing 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 ( ) must be present.

Enter 911 press .

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 ( ) must be displayed.

Press any key except ⌀ 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 ọ to decrease the volume; use ô to increase the volume

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

Locking the Phone

When the phone is locked, the phone lock code must be entered each time the phone is switched on to unlock the phone. You may be able to dial the local emergency number and answer incoming calls while the phone is locked. The Phone Lock Code is factory set to **0000**.

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

The lock icon (🔒) displays.

Unlocking the Phone

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

Disabling Phone Lock

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

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

Changing Phone Lock Code

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

1 From **Idle** press ◉ and select (**Applications** >) **Phone Setting** > **Security** > **Phone Lock**. Press ◉
2 From the submenu select **Change Code** and press ◉
3 Enter the old unlock code and press ◉
4 Enter a new unlock code and press ◉
5 Re-enter the new unlock code to confirm. Press ◉ to complete the change

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, (It depends 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

1. From **Idle** press ◉, select (**Applications** >) **Phone Setting** > **Security** > **PIN**. Press ◉
2. Select **Status** and press ◉
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 ◉

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:

1 From **Idle** press ◉, select **My Phone** > **Sound Settings**. Press ◉
2 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:

1 From **Idle** press ◉, select **My Phone** > **Sound Settings**. Press ◉
2 Select the profile you wish to adjust, press ◉, then select **Edit** > **Alerting Method**, press ◉
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:

- Managing your Phonebooks
- Finding entries in your Phonebooks
- Speed Dialing
- 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

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

To Store a Number in the Mobile Phonebook

1 From **Idle** enter the phone number and press ⊖
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 ◉. Enter a number from 1 to 9 (optional). Press ◉ to assign
9 Press ⊖ to save

Note: See *Grouping Phonebook Entries (Mobile Phonebook Only)*, page 20, to add numbers to a group.

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.

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

Retrieving a Number

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

Speed Dialing

Last Number Called

From **Idle** press twice

Hot Key Dialing (Mobile Phonebook Only)

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

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

Assigning Hot Keys (Mobile Phonebook Only)

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

1. 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) for this entry. Press
4. Press 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 ( ).

Info Numbers or Service Dial

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

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

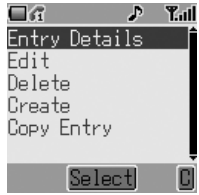
Note: If your operator does not offer these services, these spaces will be blank.

Editing Phonebook Entries

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

With a phone number or name highlighted:

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



Entry Details

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

Edit

Displays the entry allowing you to make changes.
Press ◉ to change details and enter changes. Press ◉. Press ⎋ when you have completed editing.

Delete

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

Create

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

Copy Entry

Use to copy an entry between Phonebooks.

Synchronizing Phonebooks

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

1. From **Idle**, press ◉ and select **Phonebook** > **Copy Entries**. Press ◉
2. Use ⇳ to either 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.

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

A summary of the selected Phonebook will be displayed.

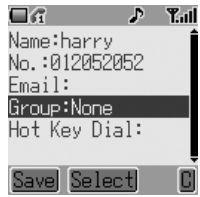
Grouping Phonebook Entries (Mobile Phonebook Only)

Sort your Phonebook entries into groups, for example business and personal. Each group can be suitably titled for quick access to the entries contained within.

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

Adding a Number to a Group

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



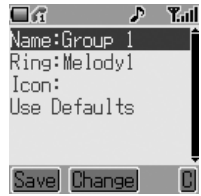
1. From **Idle** press ⊖
2. Use ⇳ (or the lettered keys) to select the entry you wish to add. Press ◉ to reveal the submenu
3. Select **Edit**. Press ◉. If the entry is stored in the Mobile Phonebook, its group location will be shown (**Group:None** is displayed if the number does not belong to a group)
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

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

Retitling Group Names

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**. Press ◉
2. Use ⇳ to select the group
3. Press ◉ to enter the submenu, select **Edit** and press ◉
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 ⎋ 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:

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**. Press ◉
2. Use ⇳ to select the group, press ◉
3. Use ⇳ to select **Edit** and press ◉ again
4. Select **Ring** and press ◉
5. Use ⇳ to select **Fixed Data** or **User Data**. Press ◉
6. Scroll through and select the desired ring tone. Press ◉ to select
7. Press ⎋ to save

Setting Group Call Icons

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

1. From **Idle** press ◉, select **Phonebook** > **Group Setting**. Press ◉
2. Use ⇳ 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

1. From **Idle** press ◉ and select **Phonebook** > **My Numbers**. Press ◉
2. Use ⇳ to select an empty entry field. Press ◉
3. Use ⇳ to select **Edit** and press ◉
4. Use ⇳ to select **Name** and press ◉
5. Enter the name (see *Text Entry*, page 85) and press ◉
6. Use ⇳ to select phone **No.** and press ◉
7. Enter the phone number and press ◉
8. Press ⎋ to save

Viewing Stored Numbers

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

Personalizing 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 color theme
- Switch between and edit different user profiles
- Make use of downloaded ring tones and images
- Compose your own ring tone
- Change the backlight and contrast settings

...and more!

Changing the Language

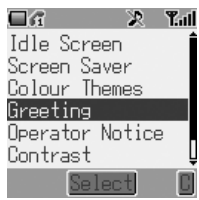
It is possible to change the language the phone uses for display messages and/or text entry ( ).

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

Adding a Start-up Greeting

Add a personalised greeting that will appear when the phone is switched on.

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

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

2 Several images are preinstalled on your phone in the **Fixed Data** folder. Downloaded images are stored in the **User Data** folder. Navigate to the appropriate folder, press ◉

3 Use ⌂ to select the desired image

4 Use ⊡ to view image. Press any key to return

5 Highlight the Wallpaper No. you want and press ◉ to select

Changing Screen Saver Animation

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

To choose an animation for the screen saver:

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

2 Several animations are preinstalled on your phone in the **Fixed Data** folder. Downloaded animations are stored in the **User Data** folder. Navigate to the appropriate folder. Press ◉. Use ⇳ to select the desired animation

3 Use ⇆ to play animation. Press any key to return

4 Highlight the Animation No. you want and press ◉ 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.

Color Themes

Color Themes provide alternative combinations of colors for the background and text.

To use or change a Color Theme:

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

Changing Sound Profiles

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

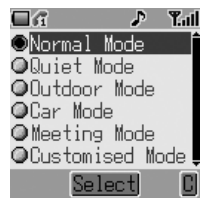
Profiles are set up for use in different environments – for instance you might want to create a silent profile, a discreet profile with ring tone appropriate for formal occasions and a party profile for loud environments.

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

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

To activate a Sound Profile:

1. From **Idle** press ◉ select **My Phone** > **Sound Settings**. Press ◉
2. Select the profile you wish to activate from the list. Press ◉
3. Use ⇳ to select **Activate**
4. Press ◉ to activate the profile



Editing Sound Profiles

To edit a Profile:

1 From **Idle** press ◉ and select **My Phone** > **Sound Settings**. Press ◉

2 Select the profile you wish to edit from the list. Press ◉

3 Use ⇳ to select **Edit**. Press ◉

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

Ring Type	Select a ring tone from the lists of preinstalled melodies (**Fixed Data**) or downloaded melodies/ring tones that you have written (**User Data**). Press ◉ Select desired type from **Fixed Data** or press ⊙ to preview the User Data or ◉ to confirm ring tone selection
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
Message Tone	Select a ring tone from the lists of preinstalled melodies (**Fixed Data**) or downloaded melodies/ring tones that you have written (**User Data**). Press ◉ Select required type from **Fixed Data** or press ⊙ to preview the User Data or ◉ to confirm ring tone selection
Keypad Tone	Turn keypad tones **On** or **Off**
Warning Tone	Turn warning tones (which sound if an inappropriate key stroke is made) **On** or **Off**

Download Data ( )

The Panasonic G60 is able to use various downloaded data. The downloaded data is stored in the Media Folder and can be acquired via MMS, EMS, SMS or WAP. Details of this service are available on our website.

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

For further information visit:

http://www.panasonicbox.com

Media Folder

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 phone. Some of these can be used as ring tones, Idle screen images or attachments to text messages. See *Managing Multimedia Files*, page 67, to preview these files.

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

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

1 From **Idle**, press ◉ select **My Phone** > **Media Folder** and press ◉

2 Use ⇳ to select the media type (either **Picture**, **Animation** or **Melody**). Press ◉

3 Use ⇳ to select a file

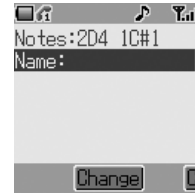
Press ⊟ to view or play the selected file before making any changes to the file.

4 Press ◉ and use ⇳ to select **Rename**, **Delete**. Press ◉

Composing a Melody

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

2 Press ◉ to select **Notes:**

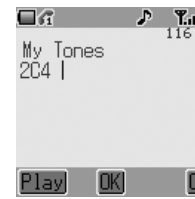


Using the table below as reference, enter the notes, set the rhythm and octave for each and add rests to generate your composition.

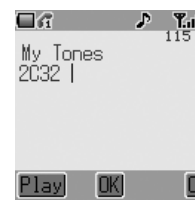
Key **Note**	1 C	2 D	3 E	4 F	5 G	6 A	7 B
Key **Note**	8 Rest	9 Note Length	0 Set Octave	* Dotted Note	# Sharp		

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

4 The notes appear in the format 2C4 as shown on the right when 1 is pressed



- The first number (2 in the display on the right) indicates the note octave. The default value is 2. Press 0 to change octave (range from 1 to 3).
- The number of the right (4 in the first display on the right) indicates the notes length. The default value is 1/4. Press 9 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 8.

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

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

1 From **Idle**, press ◉, select **My Phone** > **Display Settings** > **Backlight Time**. Press ◉
2 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.

1 From **Idle** press ◉ select **My Phone** > **Display Settings** > **Key Backlight**. Press ◉
2 Use ⇳ to select **On** or **Off**
3 Press ◉ to select

Contrast

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

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

Operator Notice

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

1 From **Idle**, press ◉, select **My Phone** > **Defaults**. Press ◉

2 When prompted **Use Default Settings?** press ◉ to confirm and restore the settings

Phone Security

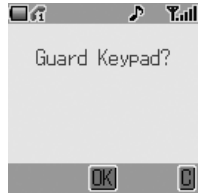
Your phone has a number of security features that protect against unauthorized use and allow you to restrict access to certain functions. These include:

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

Note:
– For full details of the Phone Lock feature, turn to *Locking the Phone*, page 12.
– For full details of PIN Protection, turn to *Using the PIN*, page 13.

Keep a written record of your codes in a secure place. If forgotten, contact your dealer (for the Phone Lock Code) or Service Provider (for PIN and PIN2).

Enabling Key Guard



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

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

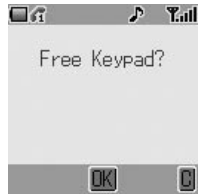
When Plug-in Camera is attached, press and hold ◉ to select Key Guard menu.

When a call is received, Key Guard will be disabled temporarily, so you can press any key except ✆ 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

1 From **Idle** press ◉ and select (**Applications** >) **Phone Setting** > **Security**. Press ◉

2 Use ⇳ to select **Phone Lock**, **PIN** or **PIN2**. Press ◉

3 Use ⇳ to select **Change** (**Code**) and press ◉ (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.

1 From **Idle** press ◉ and select (**Applications** >) **Phone Setting** > **Security** > **Call Bar**. Press ◉

2 Use ⇳ to select **Bar Voice** or **Bar Data**. Press ◉

3 Follow the submenus to set the desired restrictions

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

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

To enable Fixed Dial:

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

2 You will be prompted to enter SIM PIN2 before proceeding

Applications

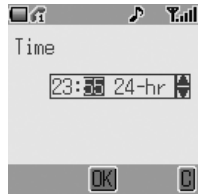
This section introduces some of the applications you'll find installed on your phone. These include:

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

Clock

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

Setting Time and Date



1. 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 ⇳ to adjust the time displayed. Move between the hour and minute fields using ‹›
4. When the time is entered correctly, press ◉ to confirm
5. Use ⇳ to select date entry. Press ◉
6. Use ⇳ to move around calendar to current date
7. Press ◉ to confirm

Clock Format

1. From Idle press ◉ and select Applications > Clock Function > Clock Format. Press ◉
2. Use ⇳ to highlight desired clock format. Press ◉

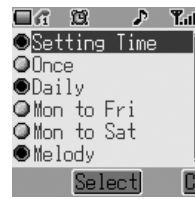
Setting the Alarm

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, you will be prompted to set it prior to setting an alarm.

To set an alarm

1. From **Idle** press ◉ and select **Applications** > **Clock Function** > **Alarm Set**. Press ◉
2. Use ⇳ to select the alarm to be set. By default the alarms are named **Alarm1**, **Alarm2** and **Alarm3**. Press ◉
3. You should first set the alarm time. Press ◉ to enter **Setting Time**
4. Use the numbered keys to enter the correct alarm time (using the 24-hour clock) or use ⇳ to adjust the time displayed. Move between the hour and minute fields using ⇹. Press ◉ when complete
5. Use ⇳ to highlight the desired schedule for the alarm and press ◉ 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 ◉ to confirm



When the alarm has been set, (📵) 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

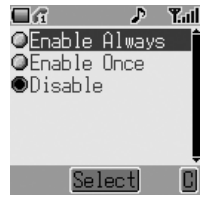
Press ◉ or ⌀

Adjusting the Alarm Time

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

Setting a Power On/Off Time

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



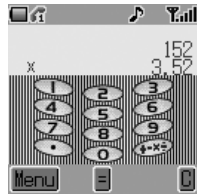
1. From **Idle** press ◉ and select **Applications** > **Clock Function**
2. Select **Power On Time** or **Power Off Time**. Press ◉
3. Use the numbered keys to enter the correct Power On or Power Off time or use ⇳ to adjust the time displayed. Move between the hour and minute fields using ‹›. Press ◉ when complete
4. Highlight **Enable Once** or **Enable Always** (powers on until disabled) and press ◉. For either setting, the time is needed to select **Power On Time** or **Power Off Time** in the Clock Function menu

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

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

Calculator

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



1 From **Idle** press ◉ and select **Applications** > **Calculator**. Press ◉

2 Enter a number (maximum 8 digits) and it will be displayed on the upper right of the display. If a decimal point is required, press ⊛. Pressing ⊘ will add "–" in front of a number

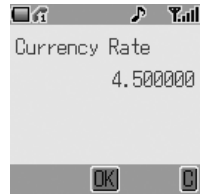
3 Use ⊞ to scroll through and select the arithmetic operation you wish to perform

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.



1 Access the calculator, see page 40, then press ⊖ (Menu) to open the currency converter menu

2 Use ⇳ and press ◉ 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 ◉ 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 ⊖ to open the currency converter menu and select the second item, **Conversion**. Press ◉ to perform the conversion

Messaging

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

SMS/EMS – Enter the recipient's phone number to send text and images.
MMS – Attach images and music to text messages.

This chapter is a full introduction to messaging including:

- Setting up your phone to enable SMS/EMS and MMS messaging
- Writing text messages
- Sending 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 Center number (your Service Provider will supply the Message Center number). You should also select the protocol via which messages are sent, the storage time (lifetime) and pick a delivery confirmation setting.

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

Setting the Message Center Number

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

Include the international dialing code in the Message Center number. Press ◉

Life Time

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

From **Idle** press ◉, select **Messages** > **Setting** > **SMS/EMS** > **Life Time**. Press ◉

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

Messaging Protocol

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

Select the appropriate protocol for sending messages. Press ◉

Delivery Confirmation Setting

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

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

Creating a Text Message

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

2 Write text message. To change text input method (displayed in lower left corner of display), press ⊡. See *Text Entry*, page 85, for details.
Use ◂◆▸ to navigate through the message and position the cursor to add text
Use ⊡ to delete the character to the left of the cursor
Press ⊘ to cancel the message

3 Press ◉ when you have finished composing the message

4 The submenu that appears gives the options of **OK**. Press ◉. For information on adding attachments, see *Text Attachments*, page 46

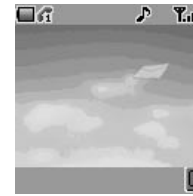
5 When **[New Entry]** is displayed, select an entry from Phonebook or enter the destination manually.

– 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? 1 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:

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

1 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 ⇳ to select the file to be inserted into the text body. Press ◉

Linked 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. Linked messages such as this appear 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.

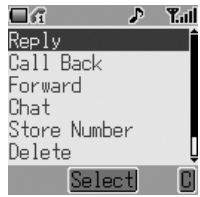
Reading Later

Received messages are stored in the Inbox.
From **Idle**, press ◉ and select **Messages** > **Inbox**
Use ⇳ to select a message to read (if there is more than one) and press ◉ to view the message.
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:

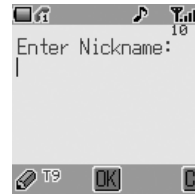
Reply to the message
Call Back
Forward the message
Chat
Store Number
Delete the message
Delete All messages or
Extract Media
(if any file is attached to the message)



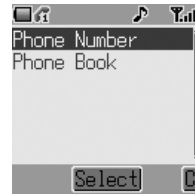
Chat SMS

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

1 **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.
Or: Launch Chat SMS mode from **Idle** by pressing ◉ and selecting **Messages** > **Chat SMS** > **Start Chat**. Press ◉. Enter your Nickname. Press ◉



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



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 you 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.

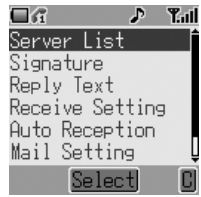
1 From **Idle** press ◉, select **Messages** > **Setting** > **MMS** > **Server List**. Press ◉

2 Select the server and press ◉

3 Use ⇳ to select **Edit** and press ◉

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 to obtain settings.

Creating an MMS Message

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

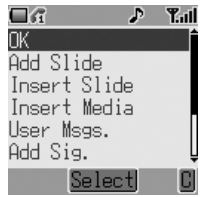
The following basic steps must be followed for all MMS messages. For information on multimedia additions, read the following section.

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

2 Compose the text part of the message (see *Text Entry*, page 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 ◉. 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 If desired, a message can be delivered as a copy to another recipient. To do this, use ⊜ to select **Cc:**. Press ◉ and follow the operation in step 5

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

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

9 Use ◌ to select **Send** or **Save** as appropriate. Press ◉ 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 sound files can easily be added to MMS messages.

1 Compose a message following steps 1 to 3 on the previous page. Press ◉

2 From the submenu select **Insert Media**. Press ◉

3 Use ◌ to browse and select media files available on your phone. Press ◉

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

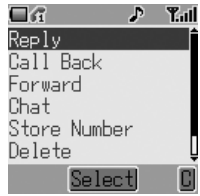
Messages received are stored in the **Inbox** and tagged with icons:

- indicates an unread SMS/EMS message
- indicates an unread MMS message

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

- **Reply** to the message
- **Call Back** the sender
- **Forward** the message
- **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)

You can edit the message content before forwarding or saving



Outbox

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

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

From your **Outbox** you can view all your Draft, Unsent and Sent messages. Highlight a message, then press ‹o to read or press ◉ to view option:

- **Chat**
- **Delete** the message
- **Delete All** messages from the Outbox
- **Edit** the mesage

Cell Broadcasts

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

1. From **Idle** press ◉, select **Messages** > **Broadcasts** > **Topics** and press ◉
2. 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

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

Language

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

1. From **Idle** press ◉, select **Messages** > **Broadcasts** > **Languages** and press ◉
2. Select a list and press ◉
3. Select desired language and press ◉

Call Information

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

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

Recent Numbers

Recently dialed 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.

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

You can edit or delete the phone number before dialing – 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 Dialed Number

To redial your last dialed phone number press ✆ twice.

Returning an Unanswered Call

When the display shows that you have unanswered calls.

1 Press ◉

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

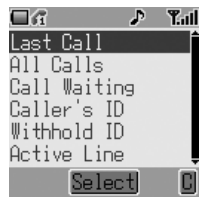
2 Use ⇳ to select the phone number you wish to dial

3 Press ✆

Call Duration

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

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



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

All Calls displays the accumulated duration and call charge (if available) of Incoming and Outgoing calls.

GPRS Call Duration

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

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

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

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

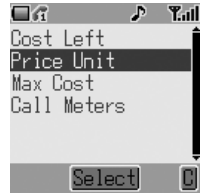
All Connections displays the total amount of data transfer.

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

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



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

2 Press ◉ to edit the values

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

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

4 Enter a price and press ◉ twice

Setting the Maximum Unit Level

Next, enter a value which is to be the maximum cost permitted ( ).

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

2 Press ◉ to edit the values

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

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

4 Press ◉ twice to accept

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

Call Identification

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

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

Advanced Operation

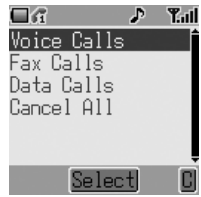
This section contains detailed information on call management including:

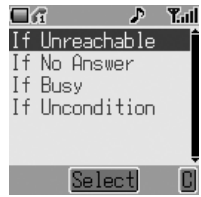
- Call diverting
- Call holding
- Call waiting
- Making and receiving a second call
- Transferring calls
- Multi-party calls
- Changing network

Diverting Calls

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

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





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

When a divert situation is enabled the divert icon ( ) is displayed.
When updating or checking the status of Call Divert the phone must be registered to a network ( ).

Holding Calls

Holding a Call

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

Resuming a Call

Press to resume the call.

Making a Second Call

1 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 ( ).

Accepting a Second Call

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

Rejecting a Second Call

Press ⌀ to reject the second call.

Ending Current Call to Receive Another

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

Operation During Two Calls

Swapping Between Calls

1. Press ◉
2. Use ✣ select **Swap Call**. Press ◉

Ending Current Call

1. 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 you to connect them together ending your connection, leaving the other parties to talk together ( ).

When two calls are connected to your phone:

1 Press ◉
2 Use ⬍ 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

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

Enabling Multi-party

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

1 Press ◉
2 Use ⬍ to select **Conference Call**. Press ◉

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

Adding to Multi-party

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

Note: If you make another call or accept an incoming call, the Multi-party call is placed on hold. The callers in the Multi-party call can continue to talk.

Splitting a Multi-party Call

You can have a private conversation with one of the parties.

1 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 talk).

Ending Multi-party Calls

You can disconnect one party from the Multi-party call, or end the entire Muti-party call.

If there is a call on hold or an incoming call while on a Multi-party call, you can not disconnect individual members within the Multi-party call.

Ending a Single Connection

During a Multi-party call:

1 Press ◉
2 Use ⇳ to select **Hang up**. Press ◉
3 Use ⇳ to select the individual call to disconnect
4 Press ◉

Ending all Connections

During a Multi-party call:

Press ⌀ to end all the calls at once

Changing to a New Network

When you are not in your home country or region, you may be able to use a network that you are not directly subscribed to. This is called roaming. Legal restrictions may not permit roaming in your home region.

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

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

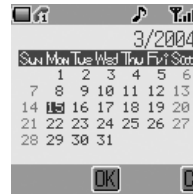
When the **Search Mode** is set to **Automatic**, the phone will automatically select a new network to maintain optimum network availability. When the **Search Mode** is set to **Manual**, you must select a network yourself from the displayed list of available networks. If coverage is lost another network should be selected.

Scheduler

The Scheduler helps you keep track of personal events such as meetings and vacations.

Creating a Reminder

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



1. Select **[New Event]** and press ◉ to create a new schedule event
2. 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 ‹ô› 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 ô to adjust the time displayed. Move between the hour and minute fields using ‹o›
6. 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 ô to highlight the reminder you wish to view and press ◉. The time, data and name of the reminder will be displayed. Press ◉ to edit the details.

Games

Embedded Games ( )

To enter the Games menu:

1 From **Idle**, press ◉ and select **Games**. Press ◉
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

Adjust Game Volume

To adjust the volume or mute the sound of games.

1 From Idle, press ◉ and select Games. Press ◉
2 Select Sound Setting. Press ◉
3 Use ‹o› to adjust volume. To mute, move slider to far left. Press ◉

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

1. From **Idle**, press ◉, select **My Phone** > **Media Folder** > **Picture** or **Animation**. Press ◉
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.

Playing Melodies

1 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

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

1 From **Idle**, press ◉, select **MyPhone** > **Media Folder** > **Picture**, **Animation** or **Melody**. Press ◉
2 Use ◉ to select a file. Press ◉
3 Select **Create MMS Msg** screen.

The phone will display the **Create MMS Msg** screen.

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

Deleting Files

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

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

3 Select **Delete**. Press ◉ 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.

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

2 Use ⇳ to select the file. Press ◉

3 Select **Property**. Press ◉

Note: If there is not enough memory capacity in the folder when you try to save a file, the phone will display **Capacity Full!** or **Memory not enough**. Press ⌐ to keep file or ◉ to delete file.

Checking Folder Properties

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

WAP Browser

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

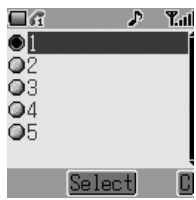
Browser Settings

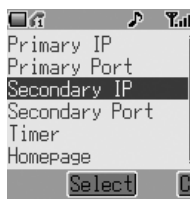
Before Internet services can be accessed:

1. You must purchase a date transmission subscription from you service provider
2. Obtain the browser profile configuration settings from your service provider and enter the configuration settings 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.
- The types of services and content offered while connected to the Browser are supplied entirely by your service provider.
- See *Personal Settings* table on page 94, to record your settings.

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



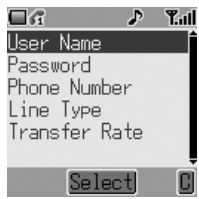


A list of configuration parameters will be displayed. Select each parameter in turn and enter the appropriate values (supplied by your service provider).

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.

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

After 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.

If you have more than one profile, you need to select a profile to use to connect to the Internet. 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:

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

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

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

Navigating Content

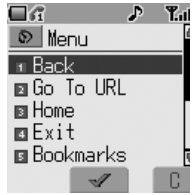
Use the Navigation key (‹◈›) to scroll through the content on the screen as follows:

Use ◈ to scroll up/down on the current page
Use ‹o to return to the previous object
Use o› 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 menu is available when content is currently being displayed (either on-line or off-line).



This menu is used as follows:

Back

Return to previous page

Go To URL

Enter URL address

Home

Displays the Home URL content as defined by the network operator

Exit

Disconnects 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

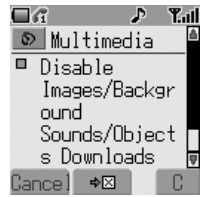
Reload

Reload and update the current page

Settings

You can select and set:

Homepage URL
Download parameters (enable or disable the downloading of multimedia files)
Restart Browser



Security submenu

About

Provides information about the type of browser and security options

Using Bookmarks

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

Adding a Bookmark

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

Recalling Pages Using Bookmarks

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

Renaming a Bookmark

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

Deleting Bookmarks

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

Deactivating the Browser

The Browser can be deactivated as follows:

When browsing on-line, press the Browser will disconnect.

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 to view WAP Push message.

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

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: You are responsible for the security of a recorded message. You MUST ask for the other party's consent before recording, and abide by local voice recording laws.

Record a Voice Memo

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

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

Play Back a Voice Memo

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

To stop playing, press ◉.

Delete a Voice Memo

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

Voice Message

You can record a short voice message to use as a reminder.

Record a Voice Message

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

Play Back a Voice Message

1 From **Idle**, press ◉ and select **My Phone** > **Media Folder** > **Melody**, press ◉
2 Select desired "AMR" file using ⌂, press ⌂
or
Select desired "AMR" file using ⌂, press ◉ twice

Delete a Voice Message

1 From **Idle**, press ◉ and select **My Phone** > **Media Folder** > **Melody**, press ◉
2 Select desired "AMR" file using ⌂, press ◉
3 Select **Delete** using ⌂, press ◉ twice

DTMF Tones

Dual Tone Multi-Frequency Tones (DTMF) tones can be sent during conversation. These are often used to access voice mail, paging and computerized 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 dialed upon recall and the DTMF tones to be sent automatically.

Sending DTMF Tones During a Call

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

Pause Dial

Pause Dialing allows you to send DTMF tones automatically.

1. Enter phone number
2. Press and hold 0+ until a "**p**" is displayed at the end of the phone number entered
3. Enter DTMF digits after the pause, e.g. enter the number to access voice mail messages
4. Press

After the call is connected, DTMF tones will be sent after 3 seconds.

Wait Dialing

Wait dialing requires you to press the Send Key to transmit the DTMF tones instead of sending them automatically.

1. Enter the phone number
2. Presss and hold 0+ until a "w" is displayed
3. Enter DTMF digits after the wait, e.g. enter the number to access voice mail messages
4. Press to make the call
5. After the call is connected, when prompted for password, press to transmit DTMF tones

Desktop Handsfree

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

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

Swapping Between Handsfree and Handheld Calls

During a Handheld call:

1 Press ◉

2 Use ⇳ to select **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 accessory is connected to the phone, a call will be answered without pressing any keys. Any call waiting should be answered in the normal way.

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

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

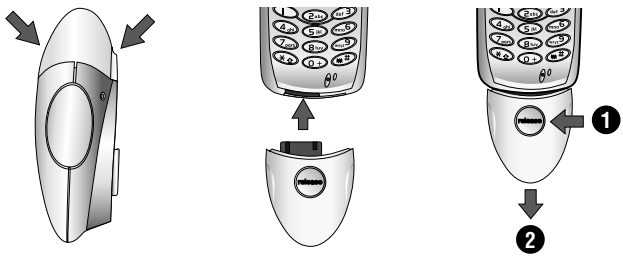
Plug-in Camera

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 plugs into the accessory connector on the base of your phone. The camera accesory is available in selected areas.

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

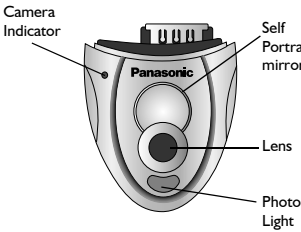
First, remove the cap from the Camera by pressing both sides of the cap.
With the release key facing up, insert Plug-in Camera into the connector at the bottom of the phone until it clicks into place.
To release the Plug-in Camera, press release key (❶) and pull downward (❷).



Taking a Picture

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

1. From **Idle**, press ◉ and select **Camera**. Press ◉
2. Position the camera to frame the desired photo in preview screen
   Use ô to zoom in,
   ọ to zoom out
3. When you are ready, press ◉ to capture the photo
4. The captured photo will be displayed. Press ◉ to store the photo in your Media Folder. To send the photo via MMS press ⊡ to save it. See *Creating an MMS Message*, page 50 to continue
5. If you wish to delete the photo press ⊡



Note: Zoom function is not available when you choose VGA size. (See *Photo Resolution,* on page 84.)

Camera Settings

First ensure the camera accessory is plugged in. Then:

1 From **Idle**, press ◉ and select **Camera**. Press ◉

2 Press ⊜ to open the **Set** menu. Select from the following options:

Photo Resolution

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

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

You use 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 (ΑΒΓ)	Extended (AÄÅ)	Numeric (0 ~ 9)
0 +	Alternatives	+_	+_	+_	0
1	Punctuation	.@/:;*#+-",!¡?¿_()[]{}'&%\^~|<>=€£$¥¤§			1
2 abc	abc	ABCabc	ΑΒΓ	AÄÅÆBCÇaäåæàbc	2
3 def	def	DEFdef	ΔΕΖ	DEÉFdeèéf	3
4 ghi	ghi	GHIghi	ΗΘΙ	GHIghìí	4
5 jkl	jkl	JKLjkl	ΚΛΜ	JKLjkl	5
6 mno	mno	MNOmno	ΝΞΟ	MNÑOÖØmnñoöøò	6
7 pqrs	pqrs	PQRSpqrs	ΠΡΣ	PQRSpqrsß	7
8 tuv	tuv	TUVtuv	ΤΥΦ	TUÜVtuüùv	8
9 wxyz	wxyz	WXYZwxyz	ΧΨΩ	WXYZwxyz	9
*	Shift/Lock*	Shift/Lock*		Shift/Lock*	*
#	Space	Space	Space	Space	#

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

The text entry modes are: Normal (ABC), T9 (T9), Greek (ΑΒΓ), Extended (AÄÅ) and Numeric (0 ~ 9). To change your text entry mode, press ‹o to scro ll through the choices. The current mode icon is shown in the lower left corner of the display.

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 want 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 you entry has produced a word which is not the one you want, press ⇳ repeatedly until the correct word is displayed. Continue to the next word.

If the word you want 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

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

Editing Text

Press ⇳ to move up or down one text line.

Press ‹o› to move 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. Press ⌫ to 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	Battery has worn out	Replace with a new fully charged battery
Battery level indicator does not appear and the phone cannot be switched on when charging	Battery is not attached to the phone, or when the battery has been deeply discharged there is a delay until the indicator lights	Let the battery charge for a few minutes
Battery fails to charge	Battery is not attached to the phone	Ensure the battery is fitted to the phone before charging
	Battery has been connected to the phone after the fast travel charger has been plugged in	
	Battery has been deeply discharged there is a delay until indicator lights	Let the battery charge for a few minutes

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

Important Error Messages

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

Unregistered SIM	The network has detected an authentication failure because your SIM is not registered to 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 authentication checks – contact your service provider
Function Unavailable	The selected feature is either not supported by the SIM or is not available with your 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
Phone Number Too Long (Max:20)	The edited or newly created Phonebook number is too long to fit in the SIM Phonebook field
Capacity Full!	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted

Unlock Code Incorrect. Try Again	When changing the phone lock code, the second entry is different than the first. Enter the same lock code twice Disabling or enabling Phonelock 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. Connects your phone to the gateway of requested service
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with commputerized 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. A digital cellular or PCS network used throughout the world
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

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, usually done automatically by your phone
Roaming	The ability to use your phone on networks other than your Home network
Service Provider	A company that provides services and subscriptions to mobile phone users
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. A communication standard which enables you to download resources from the Internet to your phone

Specifications

Phone (Including Battery)

Type	GSM900 GSM1900
	GPRS Class 8
Temperature Range Charging Storage	 +5°C – +35°C (+41°F – +95°F) –20°C – +60°C (–4°F – +140°F)
Weight	87 g (3 ounces)
Dimensions (mm) Height x Width x Depth	104 x 47 x 19 4 x 1.9 x 0.75 inches
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 take 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 are dependant upon network conditions, SIM, back-light usage and battery condition.

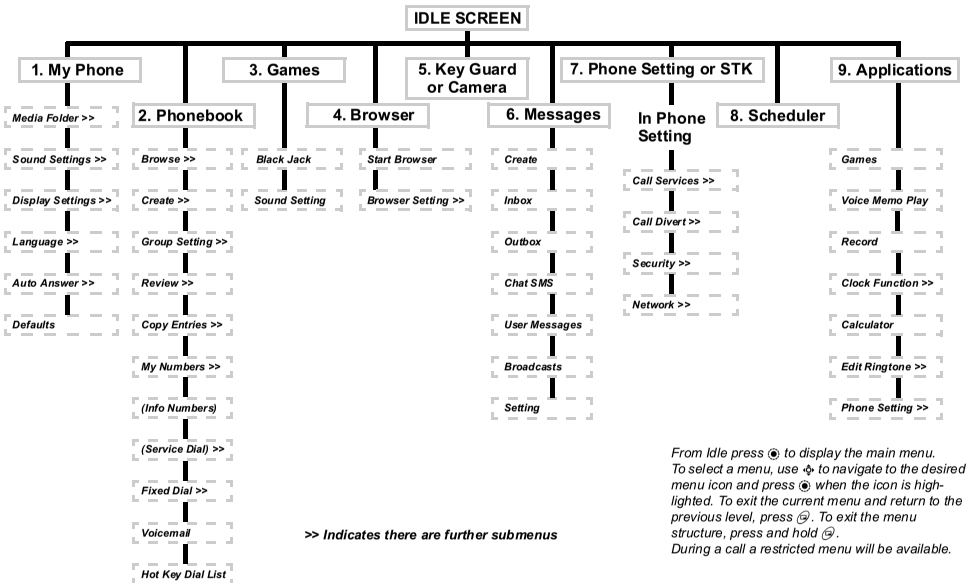
Note: Specifications are subject to change without notice.

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



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

Accessories

Li-Ion Battery (EB-BSG60US)

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-CDG60US)

Recharge the battery using your car cigarette lighter.

Fast Travel Charger (EB-CAG60US)

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

Data Cable (EB-RSG60)

The Data Cable is connects your phone to a PC, allowing data communication between them. 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

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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CP8 Patent

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

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