

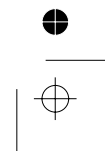
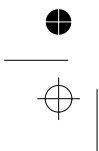
# Panasonic

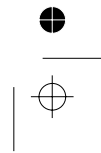
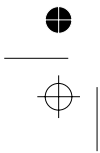
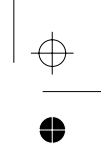
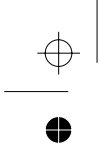
Operating Instructions  
Digital Cellular Phone

EB-GD76



*Before operating this equipment please read these instructions completely.*







## Important Information

We, Matsushita Mobile Communications Development of Europe Ltd, declare, that the EB-GD76 conforms with the essential and other relevant requirements of the directive 1999/5/EC. A declaration of conformity to this effect can be found at <http://www.panasonicmobile.com/support>

### Safety Considerations

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



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

A Travel Charger (EB-CAD95xx\*) is supplied with the Main Kit. Other recommended equipment for charging - Car Charger (EB-CDD95), Handsfree Car Kit (EB-HFD75Z).

**Note\*** xx identifies the Charger region, e.g. CN, EU, HK, UK.



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.



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).





### Important Information



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



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



For most efficient use hold the phone as you would any normal phone. Your GD76 cellular phone is fitted with an internal antenna, located in the upper portion of the phone, above the display screen. To avoid deterioration of signal quality or antenna performance, do not touch the antenna area while the phone is switched on. Unauthorized modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

This Panasonic mobile phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC, and Australian ACA regulations; or as specifically stated in the separate declaration leaflet enclosed with this product.

Please refer to our website for latest information/standards compliance in your country/region of use.

[www.panasonicmobile.com/health](http://www.panasonicmobile.com/health)



## Care and Maintenance



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



Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault.



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



Do not subject the equipment to excessive vibration or shock.



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



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



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



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



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



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



## Quick Reference



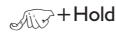
"Press (  ) to select".



Direction which the user can move around the display screen using the Navigation key.



Press a key once for a particular phone operation.



"Press and hold" a key for a particular phone function.



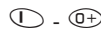
Representation of screen menu option.



Phonebook key.



Right hand Option Key.




Numeric key pads.



Answer a call or call a dialled number.



To end a call or return to Idle screen or  + Hold to switch the phone off.



Indicates that a function is SIM Dependent.



Indicates that a function is Network Dependent.



Switches Discreet Mode on and off.



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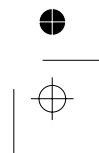
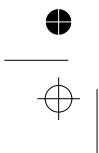
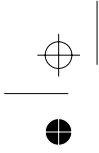






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## Getting Started

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on the Global System for Mobile Communications (GSM), GSM900 or GSM1800. Ensure the battery is fully charged before use.

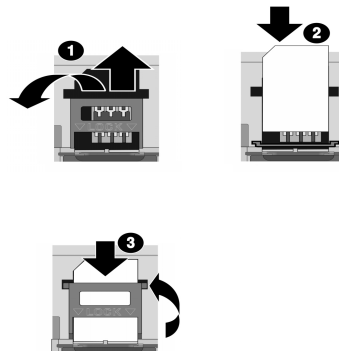
**Before operating this phone please read the "Important Information" section - see page i.**

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

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

### Fitting the SIM

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



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

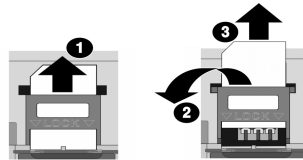




## Getting Started

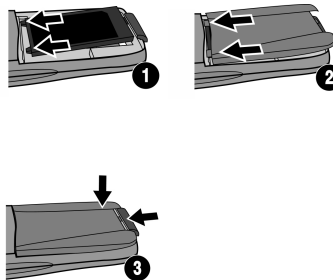
### Removing the SIM

Unlock the SIM retainer by gently pushing towards the top of the phone (1). Gently lower the SIM retainer (2) and remove the SIM (3). Ensure the SIM retainer is correctly locked before re-fitting the battery and battery cover.



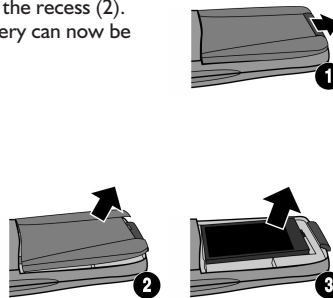
### Fitting the Battery

Ensuring the label is uppermost, locate the two lugs at the top of the battery into the rear of the phone (1). (The base of the battery will stay slightly raised at this point). Locate the two lugs at the top of the battery cover into the rear of the phone (2). Using light pressure, push the bottom of the battery cover into place and lock by pushing up on the battery cover release clip (3).



### Removing the Battery

Push the battery cover release clip down (1). The base of the battery cover will raise out of the recess (2). Remove the battery cover. The battery can now be removed from the phone (3).



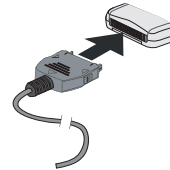


## Getting Started

### Charging the Battery

#### Connecting the Travel Charger

**The battery must be fitted in the phone before the charger is connected.** Ensuring the arrows on the plug are to the front of the phone. Insert the charger into the base of the phone.



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

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

### Operation of Battery Level Indicator

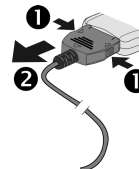
	While charging	Charging complete
Phone on		
Phone off		LCD Battery Indicator off

When charging is complete turn off the mains power supply and disconnect the charger from the phone. See "Disconnecting the Travel Charger" page 3 .

### Disconnecting the Travel Charger

Disconnect the charger from the mains power supply.

Squeeze together the two buttons on the plug of the charger (1) and while maintaining pressure extract the plug from the base of the phone (2).





## Getting Started

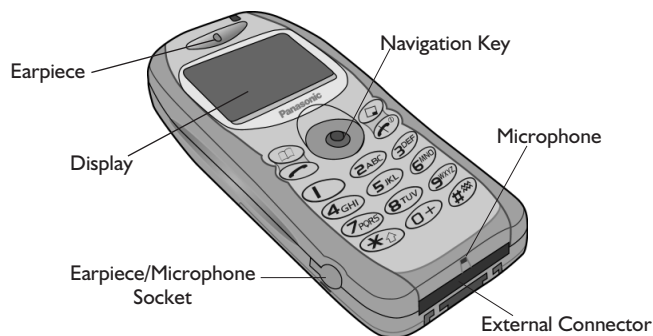
### Low Battery Warning







When the battery power is low a warning tone will sound and a flashing **LOW BATTERY** message will be displayed. If this occurs during conversation, finish your call immediately. The power will automatically shut off after the warning tone. Fully recharge the battery. See "Charging the Battery" page 3. (Calls can be made and received while the phone is charging)

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

### Getting to Know Your Phone

#### Location of Controls



-  Navigation key - moving up/down/left/right navigates through the options in the Main Display area. Pressing this key activates the function currently displayed in the Main Option area
-  Cancel key - this key is mainly used to cancel the current operation and return to the previous menu level. In certain menus it has other functions
-  Primarily used for accessing the Phonebook or switching character types
-  Makes a call or recalls recently dialed phone numbers
-  Ends a call or  + Hold enables the user to switch the phone on/off



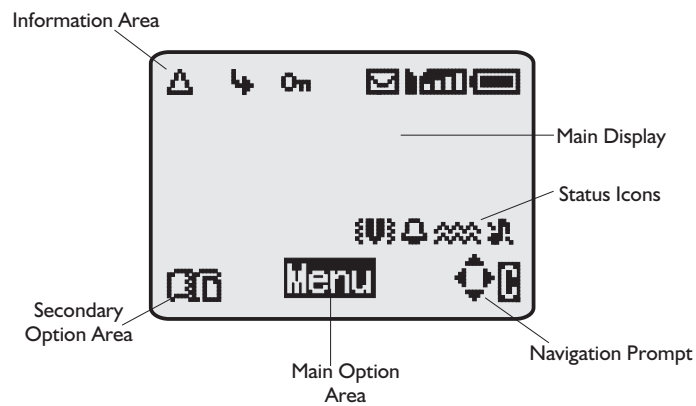
Digit keys  $\text{0+}$  to  $\text{9*}$ ,  $\text{*}$  and  $\text{\#}$  -  $\text{\#}$  will switch on and off Discreet Mode

## The Menu System

The menu system allows the user to access all the functions of the phone that are not accessible purely by key strokes.






## Display Icons

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















## Status Icons

The status icons are displayed according to the currently activated functions. The Antenna, Signal and Battery icons are displayed when the handset is switched on and connected to a network.

-  is displayed when you are registered to a non-home network - **roaming**
-  is displayed when **call divert** is enabled
-  is displayed when **vibration alert** is enabled
-  is displayed when **Discreet Mode** is enabled
-  is displayed when **all tones** or **ring volume** is off






## Getting Started


-  flashes when an **unread message** is stored or lights when message area is full
-  is displayed when **phone lock** is enabled
-  indicates that it is possible to make emergency calls
-  indicates the received signal strength:  - weak signal,  - strong signal
-  indicates the received GPRS signal strength:  - weak signal,  - strong signal
-  indicates the battery level:  - full,  (flashing) - low battery

## Information

Icons are used to indicate the current top level menu, the sub-menu number, text entry mode, Phonebook source, Phonebook location number, or the alarm set icon depending on the current mode of operation.

-  indicates **alarm** is set
-  indicates current Phonebook entry is sourced from the **Mobile Phonebook**
-  indicates current Phonebook entry is sourced from the **SIM Phonebook**

## Navigation Prompt

-  This area indicates the available directions in which the **Navigation key** can be pressed according to the current mode of operation

## Using the Menu System









The menu system provides the means for accessing all the functions which do not have their own dedicated buttons on the keypad.

The menu functions are selected using the five-way **Navigation key**.














## To Select a Function

 then use the navigation key as a joystick to move around the icons on the screen in any of the four directions (, , , ). When a particular menu is highlighted, , and a submenu is displayed. From any submenu, use  until the required item is highlighted, .

Example:






From **Idle** , select **Personalise > Display Setting > Animation** .

In detail:

- 1  to enter the menu system
- 2 Use  to highlight the **Personalise** menu
- 3  to enter the menu
- 4 Use  three times to highlight the **Display Setting** menu
- 5  to enter the menu
- 6 Use  twice to highlight **Animation** menu
- 7  to enter the menu
- 8 Use  to select **Off, Theme 1 or Theme 2** .

Following some operations the display will automatically clear after three seconds, if this is not the case   to return to **Idle**.

### Shortcuts

When familiar with the layout of the menu, use the keypad to enter the Menu Number. This will allow the user to obtain the required function without having to navigate through the display menus. For example,  or  to enter the menu and then    to take you directly to the **Animation** menu.



## Basic Operation

### Switching the Phone On/Off

To switch the phone on or off + Hold

When the phone is switched on a greeting will be displayed and then the phone will go into **Idle**.

### Making a Call

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

- 1 Enter area code and phone number
- 2

### International Dialling

Using the automatic international access code (+) you will be able to dial international numbers without having to know the code for the international exchange.

If the international number is known then it can be entered in the normal fashion followed by the area code and phone number.

- 1 From **Idle** + Hold until "+" is displayed
- 2 Use to cycle through the abbreviated international names to choose the required code
- 3 Enter area code and phone number
- 4



**Note:** Many countries / regions include an initial "0" in the area code. This should, in most cases, be omitted when dialling international numbers. If you have difficulties making international calls, contact your Service Provider.



## Emergency Calls

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

Enter 112 or if no SIM is fitted to the phone

## Automatic Redial

When a call is unsuccessful you may want the phone to redial the number again automatically.

When your connection is unsuccessful, when **OK** is displayed and a timer will countdown in seconds to the next redial.

To stop redialling, press when **Cancel** is displayed in the main option area or when **C** is displayed in the secondary option area.

When a call is connected a beep will be emitted.

If a call is repeatedly unsuccessful you will not be able to automatically redial the phone number. In this case you must redial the phone number manually.

## Ending a Call

Press

## Answering a Call

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

any key except to answer a call

to reject the call

during an incoming call, and you will be given the option to

**Accept** or **Reject** the call. Use to select an option and

If a call is not answered, or is rejected, the number of incoming calls missed will be displayed.

any key to clear the display

## Caller Identification

This feature allows you to identify incoming calls and accept or reject them. The caller's phone number, and name if stored in Phonebook, will be displayed.

**Note:** Caller Identification may not always be available.

## Basic Operation

### Earpiece Volume Control

The volume level may be adjusted during a call:

Use  $\downarrow$  to decrease the volume, use  $\uparrow$  to increase the volume

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

### Locking the Phone

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

- 1 From **Idle**, select **Phone Menu** > **Security** > **Phone Lock**
- 2 Select **Enable**
- 3 Enter the 4-digit code,



The phone will be locked and the lock icon (🔒) will be displayed.

### Unlocking the Phone

To restore normal operation, enter your Lock Code. The lock icon will be removed from the display. However, once you turn the phone off and on again the Lock Code will need to be re-entered. When the correct code has been entered

### Disabling Phone Lock

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








- 1 From **Idle**, select **Phone Menu** > **Security** > **Phone Lock**
- 2 Select **Disable**
- 3 Enter the 4-digit code

### Using the PIN

The PIN (Personal Identification Number) 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.





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

### Enabling/Disabling the PIN

- 1 From **Idle**  , select **Phone Menu > Security > PIN**
- 2 Use  select **Enable / Disable** or **Change PIN**  
- 3 Enter PIN (Between 4 and 8 digits)  

### Setting Vibration Alert

When required, the phone can be set up to vibrate when a call is received. Vibration alert enables the user to choose between **Continuous**, **Intermittent** vibration alerts when a call is received.











- From **Idle**  , select **Personalise > Vibration Alert**.  
Choose the vibration setting required, **Continuous**, **Intermittent** or **Disable**,  

When activated, the phone will vibrate briefly.

**Note:** When Discreet Mode is enabled, it's profiles will supercede those of the Vibration alert.

### Setting Discreet Mode

Discreet Mode will allow the user to choose between "Vibrate only", "ring tone only" or both.

- 1 From **Idle**  , select **Personalise > Discreet Mode**
- 2 Use  to select **Ring Volume** or **Vibration**  
- 3 Use  to select the required vibration type or ring tone volume
- 4   to select the required vibration type or ring tone volume
- 5 From **Idle**  + Hold 

**Note:** If the ring tone volume is increased beyond "Max" volume it will set an escalating ring tone.



## Basic Operation

### Setting Ring and Key Volume

Changing either the ring volume/key volume is done in the same manner. If you increase the ring volume above maximum it will set an escalating ring tone. If you turn the ring volume off, the silent indicator icon (🔇) will be displayed.

- 1 From **Idle** , select **Personalise > Tones**
- 2 Select **Ring Volume** or **Key Volume**
- 3 Use to set the volume level



# Phonebook





It is possible to store phone numbers in two locations:

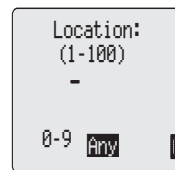
- In the SIM Phonebook (☐)
- In the Mobile Phonebook. This means that if you change the SIM, the numbers in the phone are not lost


The Mobile Phonebook has the advantage that you can group your phonebook entries together.

## Store a Number









### To Store a Number in the SIM Phonebook

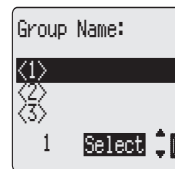
- 1 From **Idle** enter the phone number and 
- 2 To select SIM Phonebook 
- 3 Enter the name – see “Text Entry” page 58,  twice
- 4 Enter location number 




**You can choose not to enter a location number and the entry will be placed in the next available location. Simply  when **Any** is displayed.**

### To Store a Number in the Mobile Phonebook

- 1 From **Idle** enter the phone number and 
- 2 Use  to select **Mobile Phonebook** and 
- 3 Enter the name - see “Text Entry” page 58, 
- 4 Confirm phone number  twice
- 5 Use  to select a group - see “Grouping Phonebook Entries” page 16 - into which to place the entry 
- 6 Enter location number 



A location number does not have to be specified, in this case the entry will be placed in the next available location. Simply  when **Any** is displayed.



## Phonebook

### Overwrite Protection

If a location is occupied, a prompt will be displayed to confirm that the current information is to be overwritten.

- to overwrite the selected location
- to choose another location number

**Note:** If you amend an entry stored in your phonebook that has a Voice Dial Command assigned to it, you will need to delete and reassign that Voice Dial Command - see “Editing the Voice Dial Entries” page 23.

### Browsing Phonebook

You can search the Phonebook by either Name or Location. The default setting for browsing is by name. When browsing by name pressing a lettered key will take you to the first entry starting with that letter.

- 1 From **Idle** , select **Phonebook** > **Browse**
- 2 Use to toggle between **Names** or **Loc. Nos.** display mode
- 3 Use to select the Phonebook you wish to browse

### Retrieve a Number

- 1 From **Idle**
- 2 Use to browse through the Phonebook

**Once you have selected a phone number or name, there are a number of actions that you can perform. To dial the selected number** .

**Note:** The Phonebook you last viewed will be the default when you next press . To change the default, use the Phonebook menu to select a particular phonebook.

### Speed Dial a Number Stored in SIM Phonebook

- 1 From **Idle** Enter location number – leading zeros may be left out
- 2
- 3
















## Editing Phonebook Entries

It is possible to **Detail, View, Recall, Edit, Delete** or **Create** information in the Phonebook. To access any of these functions follow the same procedure for each one. With a phone number or name displayed:

- 1 Use  to cycle through **Detail, View, Recall, Edit, Delete** or **Create**
- 2   to select an option

### Detail

Displays each element of the selected Phonebook entry. Use  to display the next/previous element of the entry. Each element may be edited -   , edit as required   twice to save any changes.

### View



Displays an individual name and phone number in the names list.

If an e-mail address is present in the Mobile Phonebook this will be displayed along with the name and number.

### Recall

Displays the phone number, enabling you to either change it or call the number.

### Edit

Displays the entry allowing you to make changes as required.   twice to save any changes.

### Delete

Deletes the entry from the Phonebook.

### Create

Creates a new entry in the Phonebook





## Phonebook



### Grouping Phonebook Entries

The ability to group phonebook entries together is an extra function of the Mobile Phonebook.

#### Retrieving a Number from a Group

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

An alert profile can be attributed to groups, or a phone number, thus allowing incoming calls to be tailored to indicate the type of caller. See "Using Alert Profiles" page 16.

- 1 From **Idle** , select **Phonebook > Group Setting** and or from **Idle** twice
- 2 Use to select the group twice
- 3 Use to select the entry required twice to recall the number

#### Retitling Group Names

- 1 From **Idle** , select **Phonebook > Group Setting**
- 2 Use to select the group required
- 3 Use to select **Edit**

*Clear the current title and re-enter - see "Text Entry" page 58*

- 4 twice to save any changes


#### Using Alert Profiles

Alert Profile enables you to identify callers with a particular ring tone, display picture, making it easier to distinguish between callers or groups of callers.



#### Creating an Alert Profile

- 1 From **Idle** , select **Phonebook > Alert Profile**
- 2 twice to insert a new profile
- 3 Use to select **Personal** or **Group**
- 4 Recall the phone number / select group from the Phonebook – see "Retrieve a Number" page 14
- 5







- 6 Use  to select the ring tone that you wish to use for this profile



- 7 Use  to select the picture 

### Hot Key Phone Numbers

It is possible to dial phone numbers from the Phonebook or Service Dial part of Phonebook very quickly. Some Hot Key Phone numbers may be reserved by the Service Provider, for example the first three Hot Key Phone numbers may be linked to Service Dial (  ).

- 1  + Hold a Digit key (  ) - 

- 2  

### Setting the Hot Key Dial Source


- 1 From **Idle**  , select **Phonebook > Hot Key Dial** 







- 2 Use  to select **SIM Phonebook** or **Mobile Phonebook** and



### Service Dial Numbers

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

- 1  + Hold 


- 2   to browse through the Service Dial list of phone numbers

**The phone number pointed to can only be recalled or dialled.**

### Review the Phonebook


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

- 1 From **Idle**  , select **Phonebook > Review** 

- 2 Use  to select **SIM Phonebook** or **Mobile Phonebook**



**A summary of the selected Phonebook will be displayed.**

- 3 Use  to gain a detailed view of the Phonebook locations. Occupied locations are shown with "■"



## My Numbers



# My Numbers

My Numbers is a convenient part of Phonebook where voice, fax and data phone number(s) can be stored and viewed. (☐)

### Adding Numbers

- 1 From **Idle** , select **Phonebook > My Numbers** twice
- 2 Use until **Create** is displayed
- 3 Enter the name - see "Text Entry" page 58, and use

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

- 4 Enter the phone number twice
- 5 Enter location number or select **Any**

### Viewing Stored Numbers







- 1 From **Idle** , select **Phonebook > My Numbers**
- 2 If more than one number is available then use to cycle through the listed numbers



## Personalising Your Phone








### Add a Start-up Greeting

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

- 1 From **Idle**  , select **Personalise > Display Setting > Greeting**  
- 2 Use the text entry facility to add a greeting   twice - see "Text Entry" page 58

### Displaying Animations

Animations can be displayed when the phone is switched on.

- 1 From **Idle**  , select **Personalise > Display Setting > Animation**  
- 2 Use  to cycle through the animated themes available
- 3   to select either the desired theme, or switch off the animation

### Changing the Ring Tone











The ring tones of the phone can be changed to one of many pre-defined sounds or to a voice ringer. (a voice recording used as a ring tone)

Each voice, fax, data and message can have a different ring tone.

Alternatively you can use the Melody Composer to generate a custom ring tone. See "Composing a Melody" page 20.

### Setting up a Pre-defined Ring Tone

It is possible to choose from a selection of tones and melodies.

- 1 From **Idle**  , select **Personalise > Tones > Ring Type**  
- 2 Use  to select the appropriate call type to be changed  
- 3 Use  to select the desired ring tone  

### Recording a Voice Ringer

- 1 From **Idle**  , select **Personalise > Tones > Voice Ringer**  

## Personalising Your Phone

- 2 Use to select the appropriate voice ringer to be changed
- 3 , start speaking into the microphone. The recording will stop automatically, or before if is selected
- 4 To playback the recording use to select the appropriate voice ringer , select **Playback**

## Composing a Melody

From **Idle** , select **Personalise > Tones > Melody Composer**

Using the following table as reference, enter the notes (from the choice of low, middle and high), rests, and the durations of each, to generate your composition.




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

When the composition is complete twice to save it.








Key	1st press	2nd press	3rd press	4th press	5th press	6th press
	C	C#	low C	low C#	high C	high C#
	D	D#	low D	low D#	high D	high D#
	E	low E	high E			
	F	F#	low F	low F#	high F	high F#
	G	G#	low G	low G#	high G	high G#
	A	A#	low A	low A#	high A	high A#
	B	low B				
	rest					
	1/8	1/16	1/1	1/2	1/4	
	1/2	1/1	1/16	1/8	1/4	

### Editing your Melody

Once the melody has been saved the following operations can be used for re-editing purposes:

-   to delete the character to the left of the cursor
- Use  to navigate the cursor around the screen
- Use the relevant keys to insert new notes/rests

### Disabling all Tones

- 1 From **Idle**  , select **Personalise > Tones**  
- 2   to disable all tones. When **Idle** is resumed the silent indicator icon () will be displayed

Repeat the process to enable all tones

### Download Melody

Melodies may be downloaded to the phone from the Internet, via a short text messages service supplied by a third party. Details of this service are available on our website.

These services are network dependent. ()






For further information see:

**<http://www.panasonicmobile.com/support/ringtones>**

The service may not be available in all countries due to regulatory restrictions so please check the above site for availability.


Downloaded melodies overwrite pre-defined ring tone numbers 16-20

When a message has been received containing a melody:

- 1   to acknowledge receipt of the melody
- 2 Use  to select the ring tone number to overwrite   twice

The melody is now stored and can be selected as a pre-defined ring tone.

### Download Logo

Logos may be downloaded to the phone from the Internet, via short text messages. ()

For further information see:

**<http://www.panasonicmobile.com/support/logo>**

Downloaded logos overwrite 5 pre-defined logos in the logo menu.



## Personalising Your Phone

When a message has been received containing a logo:

- 1 From **Idle** , select receipt of the logo
- 2 Use to select the logo location twice

The logo is now stored and can be selected as an idle screen option from the Personalise menu.

## Setting the Backlight Time

- 1 From **Idle** , select **Personalise** > **Display Setting** > **Backlight Time**
- 2 Use to cycle through the times available
- 3 to select the desired time

## Using Voice Commands

Before any of the phone's voice activated functions can be used, it is necessary to configure the phone so that it will recognize a particular voice and intonation.

## Voice Dial Entry Setup

This function allows the user to recall and dial numbers from the Phonebook using voice commands.

- 1 From **Idle** , select **Personalise** > **Voice Command** > **Voice Dial**
- 2 to add a new Voice Dial entry to the list
- 3 Browse through the Phonebook to select an entry which is to be attributed with a voice command, twice

**Note:** Each recording is short in length, so be prepared to speak soon after initiating the recording.

- 4 When ready, the user should hold the phone approximately 20cm from his/her mouth, and speak clearly into the microphone to record the name of the selected Phonebook entry

When the recording has stopped, it will be necessary to repeat the name.






- 5 When prompted, and repeat the name



When recording is completed for a second time, the display will indicate if the recording was successful or not. If unsuccessful, repeat from step 4.









## Recalling Voice Dial Entries

From **Idle** move and hold the navigation key () in any one of the four directions , , , or . Speak clearly the name you wish to recall (exactly as recorded) and wait.

The above procedure will recall the phone number and the recorded Voice Dial entry is repeated; to initiate the call  .

## Dialling Voice Dial Entries

### Using Permission

From **Idle**  , select **Personalise > Voice Command > Permission**  .

With this function enabled a recalled phone number is automatically dialled without further intervention.

Repeat this process to disable the Permission function returning to Voice Dial recall only.

## Editing the Voice Dial Entries

It is possible to add to, **play** or **delete** any of the Voice Dial entries. With a Voice Dial entry displayed:

  and use  to select **Add, Play or Delete**   to select the desired option

### Add

To add a new Voice Dial entry.

### Play

To listen to the recording of a Voice Dial entry.

### Delete










To delete an entry.



## Personalising Your Phone







### Changing the Language

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

- 1 From **Idle**  , select **Personalise > Language** 
- 2 Use  to select **Display Language** or **Tegic Language** (text entry) that you wish to change  
- 3 Use  to select the desired language  

### Restoring the Default Phone Settings

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

- 1 From **Idle**  , select **Personalise > Defaults**  
- 2   to restore the default settings












## Phone Security

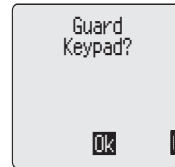
The phone features a number of security functions that protect against unauthorized use, and enable the user to restrict access to certain features - see "Using the PIN" page 10. It is recommended that all security codes are memorized. If it is necessary to make a note of any security codes, never write them in a way that they can be recognized by another person. If forgotten, contact the dealer for the Phone Lock Code or the Service Provider for PIN and PIN2.

### Using Key Guard

The Key Guard function is used to prevent any keys from being accidentally pressed e.g. when the phone is being carried.





From **Idle**  , select **Key Guard**   twice to enable Key Guard or  + Hold , select Key Guard,   twice.

When a call is received Key Guard will be disabled temporarily, allowing the user to press any key except  to answer the call. Emergency calls can still be made - see "Emergency Calls" page 9.



















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

### Disabling Key Guard

   
When **Free Keypad:** is displayed,  

### Changing the Security Codes

- 1 From **Idle**  , select **Phone Menu > Security**  
- 2 Use  to select **Phone Lock, PIN or PIN2**  
- 3 Use  to select **Change**  
- 4 Enter the current code  
- 5 Enter the new code  
- 6 Verify the new code  















## Phone Security

### Restricting Calls





#### Call Barring

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

- 1 From **Idle**  , select **Phone Menu > Security > Call Bar**  
- 2 Use , select **Bar Voice, Bar Fax or Bar Data**    
twice
- 3 Use  to select the level of call barring that needs to be applied and  
- 4 Enter Call Bar password and  

#### Barred Dialling

The Barred Dial function enables the user to bar all phone numbers pre-programmed in the SIM from being dialled on the phone. To use this function PIN2 is required.

- 1 From **Idle**  , select **Phone Menu > Security > Barred Dial**  
- 2 Enter **PIN2**  

#### Fixed Dial

The **Fixed Dial Store** is part of Phonebook, but with additional security. When the security feature **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 dialled phone numbers must match a phone number in the **Fixed Dial Store**.



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





### “Wild” Numbers

Wild numbers are spaces that can be stored in a phone number. The “wild” numbers must be filled before the phone number is dialed. Used in conjunction with Fixed Dial calls can be restricted, for example, to a specific area by storing the area code of a phone and when recalled the remainder can be added. The “wild” numbers can be anywhere within a stored phone number.

- 1  + Hold  until    is displayed to enter a wild number
- 2 When the phone number is recalled pressing a numeric key will fill in a “wild” number





# Applications

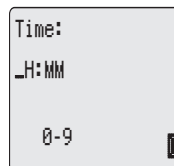
## Clock

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

A second clock for dual time is also included - see "Second Clock" page 56.

### Initially Setting the Home Time

- 1 From **Idle** , select **Applications** > **Clock Function** > **Clock Set** > **Home** > **Time Set**
- 2 Use to select whether you require Summer Time setting on or off and
- 3 Enter the digits for the date in the format day/month/year
- 4 Enter the digits for the time using 24 hour clock



### Setting the Clock Format

- 1 From **Idle** , select **Applications** > **Clock Function** > **Clock Format** > **Display Format**
- 2 Use to cycle through the different clock and/or date formats
- 3 to select the desired clock display type

### Altering the Time/Date

- 1 From **Idle** , select **Applications** > **Clock Function** > **Clock Set** > **Home** > **Time Set**
- 2 + Hold to remove the current date
- 3 Enter the digits in the format day/month/year
- 4 to accept the date
- 5 + Hold to remove the current time
- 6 Enter the digits using 24 hour clock



## Setting the Clock for Summer Time

- 1 From **Idle**, select **Applications** > **Clock Function** > **Clock Set** > **Home** > **Summer Time**
- 2 to set Summer Time On or Off

## Setting the Alarm

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

There are four separate alarms, each of which may be set independently.

- 1 From **Idle**, select **Applications** > **Clock Function** > **Alarm Set**
- 2 Use to select the alarm to be set
- 3 Enter the digits for the time
- 4 Use to select the frequency of the alarm
- 5 Use to select the ring type



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

The alarm is activated in accordance with the current clock (Home or Second).

## Muting the Alarm

When the set time is reached the alarm will sound and the display will flash with an alarm message. The alarm will sound for 30 seconds. If the alarm is due during a call, it will activate vibration alert.

### To end the alarm:

any key

### Disabling the Alarm

- 1 From **Idle**, select **Applications** > **Clock Function** > **Alarm Set**
- 2 Use to select the alarm to be disabled twice
- 3 Use to select **Disabled**

When disabled, following the same procedure will re-enable the alarm.



## Applications

### Adjusting the Alarm Time

- 1 From **Idle** select **Applications** > **Clock Function** > **Alarm Set**
- 2 Use to select the alarm to be adjusted
- 3 + Hold to remove the current alarm time
- 4 Enter the digits for the time
- 5 Use to select the frequency of the alarm
- 6 Use to select the ring type

### 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. The procedure for setting/adjusting the Power On/Off automatically is similar to that for setting the time on the clock. For either setting or adjusting the time needed to select **Power On Time** or **Power Off Time** in the Clock Function menu.

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

### Calculator

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

- 1 From **Idle** select **Applications** > **Calculator**
- 2 Enter a number (maximum 10 digits) and it will be displayed on the upper right of the display. If a decimal point is required, + Hold
- 3 Use to select the arithmetic operation you wish to perform ( to multiply, to add, to divide, to subtract)
- 4 Enter a number (maximum 10 digits) and it will be displayed next to the operation symbol

If is used to select another arithmetical operation to perform, an intermediate calculation will be performed and the result displayed on the top line.

- 5 to complete the calculation when = is displayed in the centre of the operation field













## Currency Converter





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






From **Idle**  , select **Applications > Currency**  

### Entering an Initial Conversion Rate

- 1  
- 2 Enter an abbreviation for the home currency (up to 3 characters)  
  twice
- 3 Enter an abbreviation for the foreign currency (up to 3 characters)  
  twice
- 4 Enter the currency conversion rate   twice








### Converting a Value

- 1 Check the conversion rate is the one you require   twice
- 2 Enter the value to be converted   twice

The conversion rate will be retained in the phone once entered. The next time the convertor is used, the conversion rate / currency abbreviation can be edited while in the Currency /rate display.  , then use  to select **Edit**  .

### Swapping the Currency Conversion

When you have accepted the conversion rate and are ready to enter the value to be converted, you can swap the currencies to convert from the foreign currency into the home currency.

- 1  , use  to select **Swap**  
- 2 Enter the value for conversion   twice



## Text Messages

It is possible to receive, display, edit and/or send text messages of up to 459 characters, (Dependant on the language being used) to mobile phones on the same network or any network that has a roaming agreement. Messages will be sent as one message, but will be received as (up to) three messages. (Dependant on the recipients phone parameters).

### Setting the Phone for Short Text Messages

Before a message can be sent, it is necessary to enter the Message Centre number into Parameters (the Service Provider will supply the Message Centre number).

The Message Centre number may have been preprogrammed on the SIM.

### Setting the Message Centre Number

From **Idle** , select **Messages** > **Parameters** > **Message Centre**

Enter message centre number in international dial format – see “International Dialling” page 8 .

### Creating a Text Message

- 1 From **Idle** , select **Messages** > **Create**

Create a text message (up to 459 characters) - see “Text Entry” page 58



The Character menu is not available in “Numeric mode” and may only be accessed by when using T9. To access the character menu in other text modes + Hold -

to exit the character menu

- 2 Use to navigate through the message and add or delete text
- 3 twice

The user may be prompted to send the message, if the message is not to be sent , the message will be stored.

- 4 and enter the destination phone number (or recall a number from the Phonebook) - see “Retrieve a Number” page 14  
 twice



## Text Messages

- 5 The user may be asked if delivery confirmation is required. If not required use to select **No** . If yes, use to select **Yes** .

The default setting for delivery confirmation can be enabled/disabled using the Report parameter in the Parameters menu.

## User Messages

When creating a text message, it is possible to use short messages stored in the phone.

- 1 From **Idle** , select **Messages > Create**
- 2 , use to select **User Msg.**
- 3 Use to select a saved message

The text message can now be sent. See "Creating a Text Message" page 32.

## Receiving Text Messages

When a Short Text Message is sent to the phone the message indicator will flash in the display, with an audible tone or vibration. This indicates that a new message has been received.

When **Read** is displayed to read the message. Use to navigate through the message and to identify the sender and the time the message was sent.

**Note:** If the message indicator is displayed constantly (does not flash) this indicates that 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.

## Message Options

### Reply to a Message

When a message is received and read the option to reply to the sender may be selected.

twice. This will allow the user to create a reply message

### Delete a Message

- 1
- 2 Use to select **Delete** to delete the message

To enable the auto-deletion of messages - see "Parameters" page 36.



## Text Messages

### Edit a Message

1

2 Use to select **Edit** to edit the message

, this will give the option to send the edited message - see "Creating a Text Message" page 32. if it is not necessary to send the message and it will be stored in the Send List.

### Cut / Copy & Paste Message Text

This function allows the user to cut or copy message text from a user defined message or a user created message, into a new or existing message. It can also be used to paste text to a previously sent message - See "Edit a Message" page 34.

1 When message text is displayed, , select **Cut** or **Copy**



2 Use to position the cursor at the beginning of the text to be cut or copied

3 Use to highlight the required text

The cut or copied text will remain in the phone memory until other text is cut or copied.

4 Select the required text screen for cut or copied text to be pasted into

5 Select **Paste**

To cut or copy text from a received message, select **Forw'd** and repeat steps 1 - 3.

### Manage Messages Lists

All messages, whether sent or received, will be stored on the SIM until they are deleted. Selecting a stored message allows it to be replied to, edited or deleted.

#### Receive List

Messages received will be stored in the Receive List. A in the receive list, indicates an unread message.

When reading a message the sender's information is displayed below the text. Press to show the sender's ID (if available), the time the message was sent and the message centre number. twice allows the user to reply to the message.





### Send List

When a message has been sent or edited it will be stored in the Send List.

### Create

This allows the user to create a new message or reply to a received message.

### Review

Review allows you to check usage of the message area.

## Chat SMS

Chat, will enable the user to read sent and received messages on one screen when in Chat SMS mode with another party.

- 1 When reading a previously sent or received message, to select chat
- 2 Enter the destination phone number,
- 3 Enter your Nick name (up to 18 characters) - see "Text Entry" page 58

It is now possible to Chat with the other party, providing they have the chat SMS facility on their phone. Enter you message - see "Text Entry" page 58.

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

- 4 , select **OK** to continue the chat

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

- 5 To exit chat mode

The last sent message will be stored in the Send List.

The last received message will be stored in the received List.

All other messages from the latest chat, will automatically be deleted from the phone.

It is also possible to initiate chat mode from the Messages menu.





## Text Messages

### Parameters

From **Idle**  , select **Messages > Parameters**  

The following parameters can be set:





#### Recipient Group










There are 5 different recipient groups, allowing you to store up to ten destinations in each.

Recipient Group enables the user to pre-define the destination of text messages.

#### Setting Recipient Group

- 1 From **Idle**  , select **Messages > Parameters > Recipient Group**

To enter a new name,   select **Rename** and enter the name of the recipient. See "Text Entry" page 58,   **Save**

- 2   twice select **Entry**, use  to select the required name from the phone book,   select **Menu > Recall > OK** to add the name to the group,  **OK**
- 3 Use  to chose an existing entry in the group,   to select the group required

#### Auto Delete

When set will erase messages automatically:

**Received Read** - will overwrite the oldest read message.

**Received Any** - will overwrite the oldest message, even though it may not have been read.

#### Lifetime

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

#### Message Centre

Allows the Message Centre phone number to be edited - see "Setting the Phone for Short Text Messages" page 32.

#### Report

When your message has been delivered a confirmation will be received if Report is set to Yes.














## Text Messages

### Protocol

The Message Centre may be able to convert the message to the format specified by the selected protocol.

### Broadcast

You need to specify the topic(s) of information that you wish to receive as broadcasts before you can receive them.

- 1 From **Idle**  , select **Messages > Broadcasts > Topics**  
- 2   twice to insert a new topic
- 3 Use  to cycle through the available topics
- 4   to insert the currently displayed topic into your broadcast list

### Enabling/Disabling Broadcasts

- 1 From **Idle**  , select **Messages > Broadcasts**   


- 2 Select **Receive**  

When enabled, following the same procedure will disable broadcasts.

### Message List

This is a store for the last received broadcast messages. Messages can be deleted from here.

### Language

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





## Call Information









### Recent Numbers

Recently dialled phone numbers will be stored in **Last Dialed**.



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

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**  
- 2 Use  to select **Last Dialed, Answered** or **Unanswered**  
 
- 3 Use  to select the phone number (or name) you wish to redial  
 

You can edit or delete the phone number before dialling – see “Editing Phonebook Entries” page 15.

If you wish to store the selected number in Phonebook,   while the number is displayed – see “Store a Number” page 13.

### Calling the Last Dialed Number




To redial your last called phone number   twice.

### Returning an Unanswered Call

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

- 1  

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  







## Call Duration

- 1 From Idle , select **Phone Menu > Call Service > Calls**  .

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


- 2 Use  to select one of the functions described below, and .



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

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

### GPRS Call Duration

- 1 From Idle , select **Phone Menu > Call Service > Connections**  .

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

- 2 Use  to select one of the functions described below, and .

The Last Connection function will display the duration and amount of data transfer of the last call. Times are indicated as: hours (0-99), minutes (0-59), seconds (0-59) - HH:MM:SS.

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

The Call Priority function is used to determine whether or not an incoming voice call should interrupt a data call.



## Call Information

### Call Charges

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

#### Setting the Unit Price

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

- 1 From **Idle** , select **Phone Menu** > **Call Service** > **Service Charges** > **Price/Unit**

- 2 twice to edit the values

At this point you will be asked to enter your PIN2 or Lock code .

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

- 4 Enter a price twice

#### Setting the Maximum Unit Level

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

- 1 From **Idle** , select **Phone Menu** > **Call Service** > **Service Charges** > **Max Cost**

- 2 twice to edit the values

At this point you will be asked to enter your PIN2 or lock code .

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

- 4 twice to accept

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

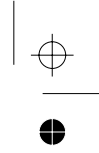
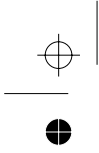
#### Setting a Warning Level

A warning can be set as an indication that the maximum cost is about to be reached. This function is SIM dependent.

- 1 From **Idle** , select **Phone Menu** > **Call Service** > **Service Charges** > **Warning at**

- 2 twice to edit the value





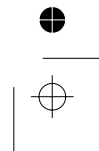
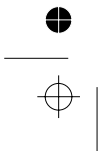
### Call Information

- 3 Enter a value (in units) at which time you would like the warning to sound twice

## Call Identification

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

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





## Advanced Operation

### Diverting Calls

Voice, fax and data calls can be diverted using different circumstances and to different numbers. For example you may wish voice calls to be diverted to Voicemail in the event that the phone is switched off.

- 1 From **Idle** select **Phone Menu > Call Divert**
- 2 Use to select the type of calls to divert, twice
- 3 Use to select the circumstances to initiate the divert
- 4 Enter phone number to divert to twice

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

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

### Holding Calls and Call Waiting

#### Holding a Call

During a call:

- 1
- 2 Use to select **Hold**

#### Resuming a Call

- 1
- 2 Use to select **Resume**

### Making a Second Call

- 1 Enter phone number (or recall from Phonebook – see “Retrieve a Number” page 14)
- 2

The first call will be placed on hold.



## Receiving a Second Call

A second call can be received, if Call Waiting is switched on. This is enabled from the **Phone Menu > Call Service** 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. (☐)

## Accept a Second Call






- 1  
- 2 Use  to select **Accept**  

The current call will be placed on hold.

## Reject a Second Call

- 1  
- 2 Use  to select **Reject**  

## End Current Call and Receive Second Call

- 1   with a waiting call
- 2  any key except  or 

## Operation During Two Calls

### Swapping Between Calls

The  prompt in the display screen, indicates the current call

- 1  
- 2 Use  select **Swap**  

### End Current Call

- 1  
- 2 Use  to select **End**  

The held call will remain held.

### End Both Calls





## Advanced Operation

### Call Transfer

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

When two calls are in use:

- 1  
- 2 Use  to select **Trans.**  

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

**Note:** Two call transfer cannot be utilized 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  
- 2 Use  to select **Merge**  

A Multi-party call has been enabled, all three people will be able to talk to each other.

#### Adding to Multi-party

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












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

#### Splitting a Multi-party

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



During a Multi-party call:

- 1  
- 2 Use  to select **Option**  
- 3 Use  to select a caller in the Multi-party
- 4  
- 5 Use  to select **Split**  












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 call callers can still communicate).

Ending Multi-party Calls

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



Ending a Single Connection

During a Multi-party call

- 1  
- 2 Use  to select **Option**  
- 3 Use  to select a caller in the Multi-party
- 4  
- 5 Use  to select **End**  

Ending all Connections

During a Multi-party call:

  to end all the calls at once










## Advanced Operation

### Changing to a New Network

When not in your home Country / Region, the user may use a network that is not directly subscribed to, this is called ROAMING. National Law 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**  , select **Phone Menu > Network > New Network**  
- 2 Use  to select one from the list of available networks  

An **X** will be displayed in the information area if you cannot register with the selected network.

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

The Network List is used when the Search Mode has been set to Automatic. The location numbers in the Preferred Network List show the search priority.

Selecting Insert stores a new network in the currently displayed location and then moves other networks down, Edit overwrites the old network with a new one, and Add stores a new network at the end of the list.



















## Schedule

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






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

### Creating a Reminder

From **Idle**  , select **Schedule**  




- 1 Use the Navigation key () to select the date for your reminder
- 2   twice to create a new entry when the required date is highlighted,   twice
- 3 Enter the digits for the time using 24 hour clock   twice
- 4 Use  to select the frequency of the reminder  

When selecting **Daily**, **Weekly** or **Yearly** you will be given the option of using the "Repeat Count", which allows you to set the frequency of the alarm.














- 5 Enter the memo for the reminder – see "Text Entry" page 58,   twice
- 6 Use  to select a ring type for the reminder  

To indicate that a reminder has been set, the date will appear as a white number on a dark background.

### Viewing Reminders

When in the **Schedule** menu, select the required date using the Navigation key ()   to view reminders for that date

### Deleting Reminders

- 1 From **Idle**  , select **Schedule**  
- 2 Use  to select the required date of the reminder  
- 3 Use  to select the reminder to be deleted  
- 4 Use  to select **Delete**   twice



## Schedule



### Setting a Holiday Reminder

- 1 From **Idle** , select **Schedule**
- 2 Use the Navigation key () to select the day of your holiday
- 3 Use to select **Function**
- 4 Use to select **Holiday Set**
- 5 Use to select **Day, Day of the week** three times to update the **Holiday List**

Repeat process for each day of holiday as required.

**Note:** To indicate that a holiday reminder has been set, the date/s will be emboldened

### Deleting Holiday Reminders

To delete holiday reminders:

- 1 From **Idle** , select **Schedule**
- 2 Use the Navigation key () to select the day of your holiday to be deleted
- 3 Use to select **Function**
- 4 Use to select **Holiday Set**
- 5 Use to select **Holiday List**, to select date for deletion twice or to delete all holiday Reminders use , select **All Clear** twice

### Jump to Future Date

- 1 From **Idle** , select **Schedule**
- 2
- 3 Use to select **Jump**
- 4 + Hold to remove the current date
- 5 Using - enter the date (using chosen date format) to which you want to 'jump' to twice





## Games

### Racing Game

The object of the game is to control a racing car around a circuit avoiding other cars in the fastest time possible & avoiding obstacles on the track i.e. Oil spillages.

Each time a new game is started, the player is credited with three "lives".

#### **Play the Game**

- 1 From **Idle** select **Games** > **Racing Game** , twice
- 2 Use to select a skill level to enter the game screen

Approximately three seconds after entering the game screen, the timer will begin.

- 3 Use to change the gears enabling the car to accelerate and slow down/stop. ( to accelerate or to slow down or stop)

There is a gear change indicator on the right hand side of the display, showing current gear position.

- 4 Use to change lateral direction of the car during the race

### Ball Game

The object of the game is to control a character between elevating platforms and achieve a high score without allowing the character to fall to the bottom of the screen or to get hit by a fireball.

A life will also be lost if the character is allowed to the top of the screen.

#### **Play the Game**

- 1 From **Idle** select **Games** > **Ball Game**
- 2 Use select **GAME START**
- 3 Use select difficulty level

After a short demonstration, the game will begin.

- 4 Use to control the character between the platforms

The current score is displayed on the right hand side of the screen.





## WAP Browser

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

### Browser Settings

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

These settings may have been pre-programmed by the network operator.

**Note:** Modifying previously entered settings can cause failure of the Browser.

- 1 From **Idle** , select **Browser > Browser Setting**



- 2 Two servers may be setup on the phone. Use to select one or other of the server settings

- 3 Use to select **Edit**

A list of configuration parameters will be displayed. The parameter **Name** will be highlighted and **Edit** will be displayed.

- 4

- 5 Enter the name of the WAP server twice

- 6 Use to select each of the other parameters in turn, edit the information twice

- 7 After all parameters have been entered, to return to the previous menu level

- 8 Select the server setting that you have just edited . Use to select **Set**

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






## Activating the Browser

To activate the Browser:


From **Idle**  , select **Browser** > **Start Browser**  


The first time that the browser is activated there will be no content stored so the Home URL content will be displayed (as defined by the network operator). The Home URL will be recalled from the cash, each time the browser is activated. (Cache is the phone's memory that stores content downloaded in the past). When recalling content from cache the phone remains off-line (not connected to a WAP server).



## Navigating Content




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


Use  to scroll up/down on the current page

Use  to return to the previous page


Use  to return to the next page (only applicable if returned to previous page)

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

 indicates a table - with **View** displayed   to view contents of table

 Indicates an image which cannot be displayed

 Indicates on-line browsing (Non Secure)

 Indicates on-line browsing (Secure)

## The Browser Menu

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

To access the Browser menu   when **Menu** is displayed at the bottom left of the display.

This menu is used as follows:

### Home Deck

Displays the Home URL content as defined by the network operator.





## WAP Browser

### Bookmark

Use, add, delete and rename bookmarks.

### Enter URL

Type in a URL directly to go to a known site .

### Reload

Will reload and update the current page.

### Reset

Deletes the content in cache and displays the Home URL content.






### Exit

Deactivates the Browser.

## Using Bookmarks

Frequently accessed pages may be bookmarked to save time. This prevents the need to re-enter the URL each time.









### Adding a Bookmark

- 1 While viewing content  
- 2 Use  to select **Bookmark**
- 3   twice to register the bookmark

### Recalling Pages Using Bookmarks

- 1 With content displayed  
- 2 Use  to select **Bookmark**  
- 3 Use  to select the relevant bookmark from the list,  

### Renaming a Bookmark

- 1 With content displayed  
- 2 Use  to select **Bookmark**  
- 3 Use  to select the relevant bookmark from the list,  
- 4  
- 5  + Hold  to remove the bookmark name, then re-type the name required   twice



### Deleting Bookmarks

- 1 With content displayed  
- 2 Use  to select **Bookmark**  
- 3 Use  to select the relevant bookmark from the list,  
- 4 Use  to select **Delete**   twice

### Deactivating the Browser



























The Browser can be deactivated as follows:

When browsing on-line   to review cache off line.

When browsing off-line   to return to Idle mode.

### Setting the Linger Time

The phone will be automatically disconnected from the WAP server after a set period of non-interaction. This period is defined in seconds by the **Linger Time** setting.

- 1 From **Idle**  , select **Browser > Browser Setting**  
- 2 Use  to select one of the server settings  
- 3 Use  to select **Edit**  
- 4 Use  to select **Bearer Type**  
- 5 Use  to select **Circuit Switch**  
- 6 Use  to select **Edit**  
- 7 Use  to select **Linger Time**  
- 8  + Hold  to remove the current linger time, then re-enter the value required   twice

**Note:** This function is not required when using GPRS

### Last Error

If an error should occur when using the Browser, use this function to inform the network operator of the last error which occurred with the phone, to assist with a diagnosis of the problem.

- From **Idle**  , select **Browser > Last Error**  



## Additional Features

### 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
- 2 Use to select **H'free**

During a Handsfree call:

twice to revert for Handheld operation

Answering a Call Handsfree:

To answer a call using Handsfree + Hold

### Voice Memo

You can record a two-way conversation during a call. If a different SIM is installed any voice memos will be lost.

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

#### Record a Voice Memo

Use to select **Memo**

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



If you while recording a voice memo, recording will stop but no tone will sound to either party.





### Play Back a Voice Memo

From **Idle**  , select **Applications > Voice Memo Play > Playback**  

To stop playing,   twice

The Note Pad function is available during playback - see "Note Pad" page 56.

### Volume Control During Playback

While playing back:

Use  to adjust the volume of the voice memo

### Delete Memo

From **Idle**  , select **Applications > Voice Memo Play > Delete**   twice

## DTMF Tones



DTMF tones can be sent during conversation. These are often used to access voice mail, paging and computerized home banking. 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 number to be sent automatically.



### Send DTMF Tones During a Call

Enter digits (0+ to 9, \*, # and \*)

### Pause Dial

Using pauses 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  

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

If the DTMF tones are unsuccessful then the destination of your call may require that the length of the tones be increased.



## Additional Features

- 5 From **Idle** , select **Personalise > DTMF Length**
- 6 Use to select **Long**

## Note Pad

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

During a call:

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

To store in Phonebook, while the number is displayed – see “Store a Number” page 13.

## Second Clock

The Second Clock can either be set to auto-adjusting, whereby the second time will be automatically set from the code of the current network, or a specified time difference can be set manually.

## Setting Clock Display

- 1 From **Idle** , select **Applications > Clock Function > Clock Format > Display Pattern**
- 2 Use to select **Second Time** or **Home Time**

## Setting Auto Adjustment

If travelling to a country / region which has a roaming agreement with the users' home network, the Second Clock will be automatically adjusted. However, for countries / regions which have several time zones in the same area manual adjustment is required.

- 1 From **Idle** , select **Applications > Clock Function > Clock Set > Second > Auto Adjustment > Home area**
- 2 Use to select your home area










### Enabling Auto Adjustment

From **Idle**  , select **Applications > Clock Function > Clock Set > Second > Auto Adjustment > Auto Adjustment**  

Repeat to disable Auto Adjustment.

### Setting Manual Adjustment

- 1 From **Idle**  , select **Applications > Clock Function > Clock Set > Second > Time Difference**  
- 2 Use  to select the time difference required   to set the value

### Setting Summer Time

From **Idle**  , select **Applications > Clock Function > Clock Set > Second > Summer Time**  

Once enabled, following the same procedure will disable Summer Time.

## Accessory Related Features

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

This is also applicable to the Handsfree Car Kit accessory.

**See the documentation provided with the relevant Accessory for operation details.**



# Text Entry

The phone provides a means for entering alphanumeric characters to enter details into the Phonebook, to create text and e-mail messages 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 (ÄÅ)	Numeric (0 - 9)	
	Alternatives	+ _	+ _	+ _	0+P _	
	Punctuation	. @ / : ; * # + - " , ! ; ? & _ ( ) [ ] ' & % \ ^ ~   < > = € £ \$ % & # \$				!
	abc	ABCabc	ΑΒΓ	ÄÅÄEBCÇäåäëæabc	2	
	def	DEFdef	ΔΕΖ	DEÉFdeééf	3	
	ghi	GHIghi	ΗΘΙ	GHIghi i	4	
	jk1	JKL_jk1	ΚΑΜ	JKL_jk1	5	
	mno	MNOmno	ΝΕΟ	MNRÖöðmnñóöøö	6	
	pqr s	PQRSpqr s	ΠΡΣ	PQRSpqr sß	7	
	tuv	TUVtuv	ΤΥΞ	TUÜVtuüv	8	
	wxyz	WXYZwxyz	ΧΨΩ	WXYZwxyz	9	
	Shift/Lock*	Shift/Lock*		Shift/Lock*	⌘	
	Space	Space	Space	Space	#	

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

Alternatively, + Hold any of the numeric keys to enter the character menu, which allows the user to navigate around the menu () until the required character is highlighted. to select.

to return to the message screen.






## T9<sup>®</sup> Text Input


Using this mode of text entry dramatically reduces the number of key presses required:

Press a key once for any letter you require on that key. The desired letter may not be displayed. Continue pressing other keys until the end of a word is reached; then check that the word has been typed correctly before continuing on to the next word.

If the combination of letters typed has produced a word which is not the one you require, press  repeatedly until the correct word is displayed. Continue to the next word.




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

## Other Text Modes

To access any of the other text entry modes use  to cycle through until the desired mode is displayed in the Information Area.

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

## Editing Text

Pressing  will move you up or down one text line (or field in Phonebook). Pressing  will move you left or right one character. When the cursor is moved over a character and another key pressed this will insert the new character immediately before the selected character. Pressing  will delete the character to the left of the cursor or delete the current line when pressed and held.

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





## Menu Structure



# Menu Structure

From **Idle** to display a menu of phone features. To select a feature, use to navigate to the icon of the feature you require.

when the icon is highlighted.

To exit the current menu and return to the previous level . To exit completely out of the menu structure, + Hold , or (except during a call).

**During a call a restricted menu will be available.**

- |                      |                            |                            |
|----------------------|----------------------------|----------------------------|
| <b>1 Personalise</b> | <b>3 Phonebook</b>         | Call Divert                |
| Language             | Browse                     | Voice Calls                |
| Tones                | Create                     | Fax Calls                  |
| All Tones            | Alert Profile              | Data Calls                 |
| Ring Volume          | Group Setting              | Cancel All                 |
| Ring Type            | Review                     | Status                     |
| Melody Composer      | My Numbers <sup>2</sup>    | Security                   |
| Voice Ringer         | Hot Key Dial               | Phone Lock                 |
| Key Volume           | <b>4 Key Guard</b>         | Call Bar <sup>1</sup>      |
| Key Tone Type        | <b>5 Browser</b>           | PIN <sup>2</sup>           |
| Warning Tone         | Start Browser              | PIN2 <sup>2</sup>          |
| Voice Command        | Browser Setting            | Fixed Dial <sup>2</sup>    |
| Voice Dial           | Last Error                 | Barred Dial <sup>2</sup>   |
| Permission           | <b>6 Messages</b>          | Network                    |
| Display Setting      | Receive List               | New Network                |
| Idle Screen          | Send List                  | Search Mode                |
| Greeting             | Create                     | Network List               |
| Animation            | Chat SMS                   | <b>8 Applications</b>      |
| Contrast             | Review                     | Games                      |
| Backlight Time       | Parameters                 | Voice Memo Play            |
| Vibration Alert      | Broadcasts <sup>2</sup>    | Download Data <sup>1</sup> |
| Continuous           | <b>7 Phone Menu</b>        | Melody                     |
| Intermittent         | Call Service               | Logo                       |
| Disable              | Calls                      | Clock Function             |
| Discreet Mode        | *Last Call                 | Clock Set                  |
| Ring Volume          | *All calls                 | Clock Format               |
| Vibration            | *Call Waiting <sup>1</sup> | Alarm Set                  |
| Continuous           | *Caller's ID               | Power On Time              |
| Intermittent         | *Withhold ID               | Power Off Time             |
| Disable              | *My number                 | Calculator                 |
| User Msg.            | *Service Charges           | Currency                   |
| Auto Answer          | Connections                | <b>9 Schedule</b>          |
| DTMF Length          | Last Connections           |                            |
| Defaults             | All Connections            |                            |
| <b>2 Games</b>       | Call Priority              |                            |
| Racing Game          |                            |                            |
| Ball Game            |                            |                            |

<sup>1</sup> Function is Network Dependent ( )

<sup>2</sup> Function is SIM Dependent ( )

\* Will move up a level if the SIM does not support **Calls** function




## Trouble Shooting

Should any problem persist contact your dealer.

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



## Trouble Shooting

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





## Important Error Messages

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

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



### Trouble Shooting

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



## Glossary of Terms

APN	Access Point Name. Directs the user to the gateway or the required service.
Cut	Permanently removes selected text from short text message
Copy	Copies selected text from short text message without removing it from the original message
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerized phone systems, voice mailboxes etc.
GPRS	General Packet Radio Service. The Technology the phone uses.
GSM	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses.
Network Operator	The organization responsible for operating a GSM network.
PAP	Password Authentication Protocol. A security feature for the GPRS network.
Password	Used for the control of the Call Bar. Supplied by your Service Provider.
PIN	Personal Identification Number used for SIM security. Supplied by your Service Provider. If the PIN is entered incorrectly 3 times, the PIN will be blocked.
PIN2	Personal Identification Number used for the control of Fixed Dial Store and Call Charge metering. Supplied by your Service Provider. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.



### Glossary of Terms

PUK/PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your Service Provider. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked.
Registration	The act of locking on to a GSM network. This is usually performed automatically by your phone.
Roaming	The ability to use your phone on networks other than your Home network.
Service Provider	The organization responsible for providing access to the GSM network.
SIM	Subscriber Identity Module. A small smart-card which stores unique subscriber and user-entered information such as Phonebook and Short Messages. Supplied by your Service Provider.
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone



## Specifications

### Phone (Including Battery)\*

Type	GSM900 Class 4 GSM1800 Class I
Temperature Range	
Charging	+5°C - +35°C
Storage	-20°C - +60°C
Weight	82g*
Dimensions (mm)	
Height x Width x Depth	106 x 46 x 16
Supply Voltage	3.7V DC, 650mAh Li-ion
Standby Time (hrs)	Up to 150
Talk Time (Min)	Up to 360
Charge Time (Phone off)	Up to 90m (Travel Charger) Up to 120m (Car Charger)
Antenna	Internal
SIM Type	3V only
phonebook Memory	200 + SIM
Animation Themes	2
Voice Memo	1 x 16 seconds
User Composed Melody	One
Download Melody	Up to 5
Download Logo	Up to 5
Recordable Ringer	2 x 10 seconds
Games	2
Back light colours	1 (Light Blue)
Ring tones	23 Fixed & Variable
Scheduler	Up to 100 Entries
Alarms	4

**Note:** Charge time will be longer when the phone is turned on. Battery life is affected by the network being used and the condition of the battery.



## Personal Settings



# Personal Settings

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

Item	Provisioning Information Setting No 1	Provisioning Information Setting No 2
Name		
Home URL		
Gateway IP		
Security	Non secure / Secure (Delete One)	
Bearer Type		
<b>Circuit Switched (GSM)</b>		
Digital Dial #		
Analogue Dial #		
Circuit Type		
User Name		
Password		
Linger time		
<b>Packet Switched (GPRS)</b>		
Access Point Name		
User Name		
Password		
Authentication	Normal/Encrypted/ None (PAP) (Chap)	





SAR

# SAR

## INTERNATIONAL - ICNIRP

### THIS PANASONIC PHONE (MODEL EB-GD76) MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

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

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

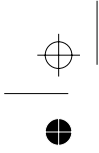
The SAR value for this model phone, when tested for use at the ear, for compliance with the guidelines was **0.669** W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

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



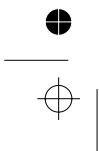
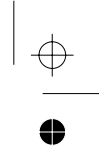
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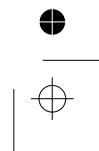


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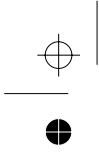
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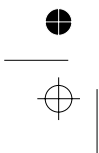
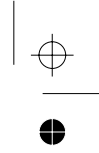
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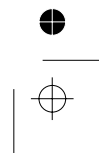


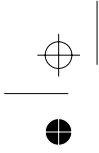


Notes



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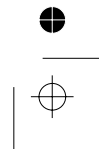
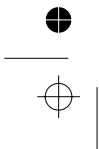


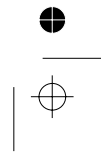
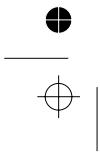
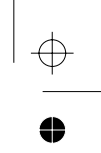
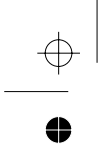


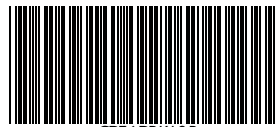
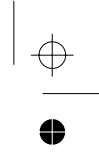
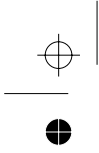
The Serial Number can be found on the outside of the phone under the battery. For your convenience we recommend that you note the following details as a record of your purchase.	
Part Number	
Serial Number	
Dealer Name	
Purchase Date	



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