

Panasonic

Operating Instructions
Digital Cellular Phone

EB-GD96



Before operating this equipment please read these instructions completely.

Quick Reference

This Quick Reference guide is intended to enable the user to utilize the most basic features of the phone instantly without having to search through the extra details which are incorporated into this manual.

Power On/Off

Press and hold 

Enter Pin Code

Use the keypad to enter the PIN supplied by your Service Provider, then press 

Make a Call

Use the keypad to enter the area code and phone number, then press 

Correcting an Error

Press  once to erase the previous character

Press and hold  to return to Idle mode

Make Emergency Call

Press    

Redial Last Number

Press  

End a Call

Press 

Answer a Call

Press any key except  or the **Navigation key** 

International Dialling

Press and hold , use  to select the appropriate code, then press 

Add Phonebook Entry to SIM

Enter area code and phone number and press . Press , enter name and press  three times

Dial SIM Phonebook Entry

Press , then use  to select the desired name, then press 

Adjust Ear Volume

Press  during a call

Set Key Guard

Press  move (left)  press   and the keys will be locked to avoid accidental presses

Disable Key Guard

Press  twice (when **Free** is displayed) to remove the Key Guard

Accessories

Car

EB-CDD95

Car Charger

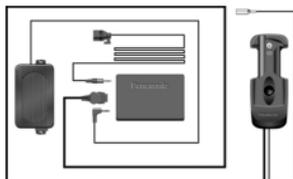
Top up your battery in your vehicle by attaching this accessory to your phone and to the cigarette lighter socket



EB-HFD95Z

Handsfree Car Kit

Drive safely-install a Handsfree car kit and remove the need to hold your phone while driving.



Personal

EB-YKD95

Carry Case

This attractive hip case protects your phone and by using the belt clip keeps it close at hand.



EB-BSD96

Li-Ion Battery

Double your talk time by having a spare battery.



EB-EMD35

Personal Handsfree

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



Office

EB-CHD95

Charging Stand

Charge your phone with this free standing charger. Your phone will be charged in no time.



EB-CAD95UK

Travel Charger

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



EB-CAD95EU

Travel Charger



EB-RSD95/EB-RSD96

Data Cable

This data cable is used to connect your phone to a PC, allowing data communication between them.



Identify a Genuine Panasonic Accessory

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

Most genuine Panasonic accessories will have a label showing an "EB-XX00" model number and "Matsushita Communications Industrial U.K. Ltd"



Further Information

Contact:

Panasonic UK,
Panasonic House,
Willoughby Road,
Bracknell,
Berkshire RG12 8FP
United Kingdom
Tel: 08705 159159
www.panasonic.co.uk

Main Kit Contents:

The GD96 Digital Cellular Telephone Main Kit will contain the following items:

Digital Cellular Telephone (EB-GD96)



Ni-MH Battery (EB-BSD96)



Travel Charger (EB-CAD95UK)



Printed Material (GD96DPK10)



Data Cable (EB-RSD95/EB-RSD96)



Data Connection Software CD(RSD96CD)



Contents

Getting Started	1
Fitting the SIM	1
Fitting the Battery	2
Charging the Battery	2
Getting to Know Your Phone	4
Using the Menu System	6
Basic Operation	8
Switching the Phone On/Off	8
Making a Call	8
Automatic Redial	9
Ending a Call	9
Answering a Call	9
Caller Identification	10
Earpiece Volume Control	10
Locking the Phone	10
Using the PIN	11
Setting Vibration Alert	11
Setting Ring and Key Volume	11
Phonebook	12
Store a Number	12
Browsing Phonebook	13
Retrieve a Number	13
Editing Phonebook Entries	14
Grouping Phonebook Entries	15
Using Alert Profiles	15
Hot Key Phone Numbers	16
Service Dial Numbers	16
Review the Phonebook	17
My Numbers	17
Personalising Your Phone	18
Add a Start-up Greeting	18
Displaying Animations	18
Changing the Ring Tone	18
Disabling all Tones	20
Download Melody	21
Setting the Backlight Colour	21
Setting the Backlight Time	21
Using Voice Commands	21
Selecting Vibration Alert Type	23
Changing the Language	23
Restoring the Default Phone Settings	23
Phone Security	24
Using Key Guard	24
Changing the Security Codes	24
Restricting Calls	25
Applications	27
Clock	27
Calculator	29
Currency Convertor	30
Short Text Messages	31
Setting the Phone for Text Messages	31
Sending a Text Message	31
Receiving Text Messages	32
Message Options	32
Creating a User Defined Message	33
Manage Messages Lists	33
Message Parameters	33
Cell Broadcasts	34
Call Information	36
Recent Numbers	36
Call Duration	37

Call Charges	37
Call Identification	38
Advanced Operation	39
Diverting Calls	39
Holding Calls and Call Waiting	39
Call Transfer	41
Multi-party Calls	41
Changing to a New Network	43
Schedule	44
Creating a Reminder	44
Viewing Reminders	44
Deleting Reminders	45
Setting a Holiday Reminder	45
Jump to Future Date	46
Games	47
Mogular	47
15 Puzzle	48
WAP Browser	49
Server Settings	49
Activating the Browser	50
Navigating Content	50
The Browser Menu	51
Using Bookmarks	51
Deactivating the Browser	52
Setting the Linger Time	52
Last Status	53
Internet E-mail	54
E-mail Setup	54
Create a New Message	55
Send/Receive Messages	55
Read Messages	56
Store an Address	57
Add a Signature	57
Manage Message Stores	57
Additional Features	58
Desktop Handsfree	58
Voice Memo	58
DTMF Tones	59
Note Pad	60
Second Clock	60
Accessory Related Features	61
Text Entry	62
Menu Structure	64
Trouble Shooting	65
Important Error Messages	66
Important Information	68
Safety Considerations	68
Care and Maintenance	70
Glossary of Terms	71
Specifications	73
Panasonic GSM Mobile Telephone	74
Warranty Terms	74
Important	75
EU Warranty	76
Personal Record	81
Notes	83

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 68.

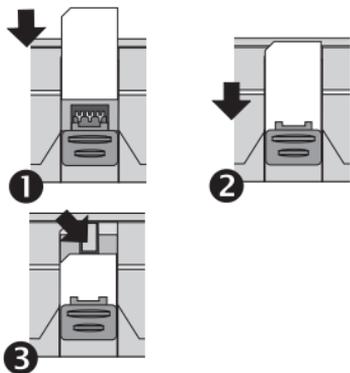
These operating instructions detail use of the equipment contained in the Main Kit. Some services detailed, are network dependent or may only be available on a subscription basis. Some functions are SIM dependent. For more information contact your Service Provider.

Fitting the SIM

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

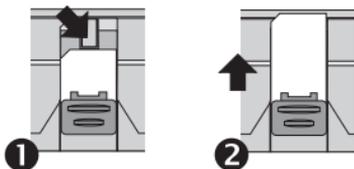
First, remove the battery - see “Removing the Battery” page 2.

Place the SIM in the recess at the rear of the phone (1) ensuring the bevelled corner is positioned in the top left corner. Slide the SIM fully down (2) using light pressure until the SIM retaining clip has clicked into position (3).



Removing the SIM

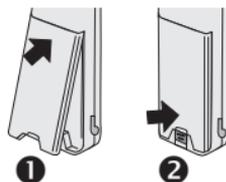
Ensure the SIM retaining clip is pressed down (1) and while holding this down slide the SIM upwards (2). Once clear of the SIM recess, the SIM can be removed.



Getting Started

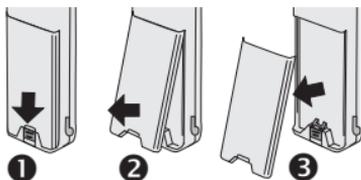
Fitting the Battery

Locate the lugs in the top of the battery into the rear of the phone (1). Using light pressure, push the bottom of the battery into place until it locks into position (2).



Removing the Battery

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



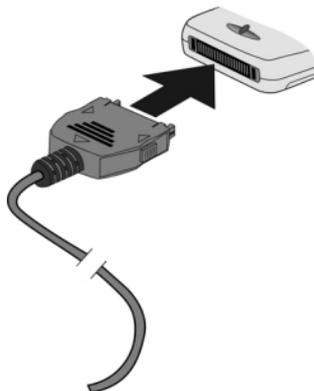
Charging the Battery

Connecting the Travel Charger

The battery must be attached to 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 and switch on. The charging indicator will light and the battery level indicator will scroll right to left when charging.



Operation of Battery Level Indicator

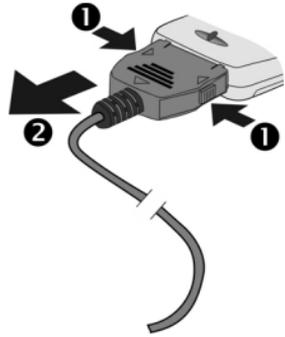
	While charging	Charging complete
Phone on		
Phone off		Indicator off

When charging is complete turn off the mains power supply and disconnect the charger from the phone. See “Disconnecting the Travel Charger” below.

Disconnecting the Travel Charger

Turn off the mains power supply and disconnect the charger.

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).



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 be automatically shut off shortly after the warning tone. Fully charge the battery or replace it with a fully charged one. (Calls can be made and received while the phone is charging)

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.

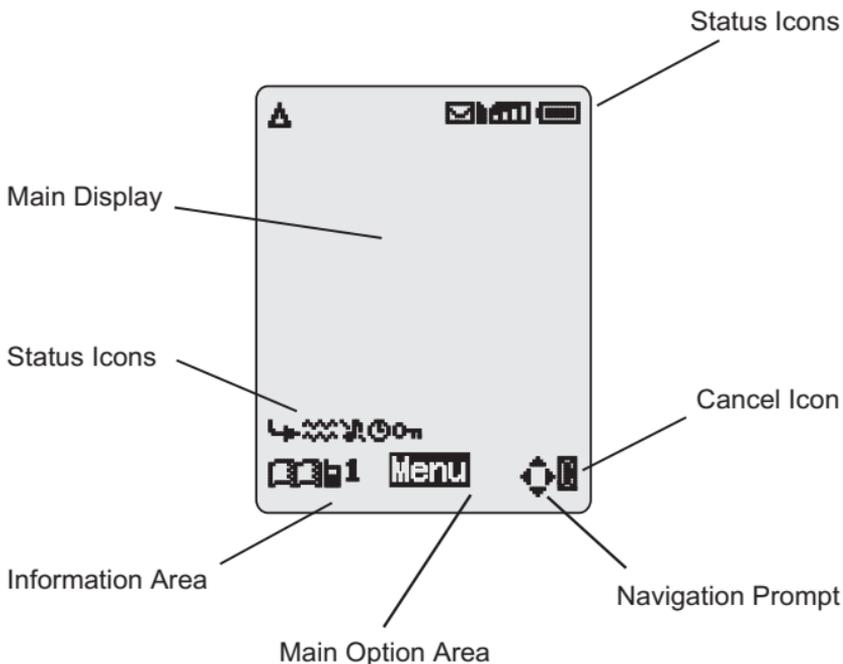
 Primarily used for accessing the **Phonebook** or switching character types. Also used for accessing the **Browser** menu

 Makes a call or recalls recently dialed phone numbers

 Ends a call or switches the phone **on/off** when pressed and held

 **Digit keys**  to  ,  and  – the  key will switch on and off **Discreet Mode**

Display Icons



Status Icons

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

-  lights when you are registered to a non-home network - **roaming**
-  lights when **call divert** is enabled
-  lights when **vibration alert** is enabled
-  lights when **all tones** or **ring volume** is off
-  flashes when an **unread message** is stored or lights when message area is full
-  lights when **phone lock** is enabled
-  indicates that it is possible to make emergency calls
-  indicates the received GSM signal strength:  - weak signal,  - strong signal

Getting Started

 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

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

Example:

From **Idle** mode press , select **Personalise > Display Setting > Backlight Colour** and press .

In detail:

- 1 Press the **Navigation key** (⊙) to enter the menu system
- 2 Use ⏪⏩ to highlight the **Personalise** menu
- 3 Press ⊙ to enter the menu
- 4 Use ⏪ three times to highlight the **Display Setting** menu
- 5 Press ⊙ to enter the menu
- 6 Use ⏪ twice to highlight the **Backlight Colour** menu
- 7 Press ⊙ to enter the menu
- 8 Use ⏪ to select desired screen colour and press ⊙

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

Shortcuts

In addition, once you are familiar with the layout of the menu you can use the keypad to enter the Menu Number to quickly obtain the required function. For example, press ⊙ to enter the menu and then    to take you directly to the menu for changing the **Backlight Colour**.

Basic Operation

Switching the Phone On/Off

To switch the phone on or off.

Press and hold  to switch power on

A greeting will be displayed and then the phone will go into **Idle** mode.

Press and hold  to switch power off



Making a Call

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

- 1 Enter area code and phone number
- 2 Press 

International Dialling

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 Press and hold  until + is displayed
- 2 Use  to cycle through the abbreviated international names and press  to select the required code
- 3 Enter area code and phone number
- 4 Press 



Note: Many countries 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     or if no SIM is fitted to the phone press  

Automatic Redial

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

When your connection is unsuccessful, Press  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.

Press any key except  or the **Navigation key**  to answer a call

Press  to reject the call

If  is pressed, you will be given the option to **Accept** or **Reject** the call. Use  to select an option and press .

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

Press 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.*

Earpiece Volume Control

The volume level may be adjusted during a call:

Use \ominus to decrease the volume

Use \oplus to increase the volume

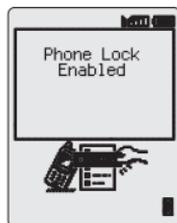
Volume control for Personal Handsfree accessory is adjusted in the same manner.

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** mode press \odot , select **Phone Menu** > **Security** > **Phone Lock** and press \odot
- 2 Enter the 4-digit code and press \odot

The phone will be locked and the lock icon ($\overline{\text{L}}$) will be displayed.



Unlocking the Phone

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

Disabling Phone Lock

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

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

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

Setting Vibration Alert

When vibration alert is switched on the phone will vibrate when a call is received. Switching on vibration alert will silence the ring volume. If, however, the ring volume is adjusted after the vibration alert is switched on, the phone will ring and vibrate when a call is received.

From **Idle** mode:

Press and hold  to switch on or off. When activated, the phone will vibrate briefly.

Setting Ring and Key Volume

Changing either the ring volume and 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** mode press , select **Personalise > Tones** and press 
- 2 Select **Ring Volume** or **Key Volume** and press 
- 3 Use  to set the volume level and press 

Phonebook

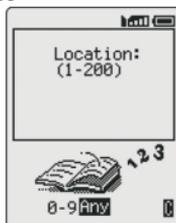
Phone numbers can be stored in two locations. You can store numbers in the SIM Phonebook (therefore the number of locations, length of name and number of phone numbers are SIM dependent). Alternatively you can store phone numbers in the Mobile Phonebook, this means that if you change the SIM the numbers 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** mode enter the phone number and press 
- 2 To select **SIM Phonebook** press 
- 3 Enter the name – see “Text Entry” page 62, and press  twice
- 4 Enter location number and press 



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

To Store a Number in the Mobile Phonebook

- 1 From **Idle** mode enter the phone number and press 
- 2 Use  to select **MobilePhonebook** and press 
- 3 Enter the name - see “Text Entry” page 62, and press 
- 4 Confirm phone number and press  twice

If you wish to store an e-mail address with the current number then after confirming the number use , enter the mail address and press  twice.

- 5 Use  to select a group - see “Grouping Phonebook Entries” page 15 - into which to place the entry and press 
- 6 Enter location number and press 

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

Overwrite Protection

If a location is occupied you will be prompted to confirm that you wish to overwrite the current information.

Press  to overwrite the selected location

Press  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** mode press , select **Phonebook > Browse** and press 
- 2 Use  to toggle between **Names** or **Location Numbers** display mode and press 
- 3 Use  to select the Phonebook you wish to browse and press .

Retrieve a Number

From **Idle** mode:

- 1 Press 
- 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 press .

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 Enter location number – leading zeros may be left out
- 2 Press 
- 3 Press 

Editing Phonebook Entries

You can Detail, View, Recall, Edit, Delete or Create in the Phonebook. To access any of these functions you follow the same procedure. With a phone number or name displayed:

- 1 Use  to cycle through **Detail**, **View**, **Recall**, **Edit**, **Delete** or **Create**
- 2 Press  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 - Press  , edit as required and press  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. Press  twice to save any changes.

Delete

Deletes the entry from the Phonebook.

Create

Creates a new entry in the 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.

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

Retitling Group Names

- 1 From **Idle** mode press , select **Phonebook > Group Setting** and press 
- 2 Use  to select the group required and press 
- 3 Use  to select **Edit** and press 
- 4 Clear the current title and re-enter - see "Text Entry" page 62
- 5 Press  twice to save any changes

Using Alert Profiles

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

Creating an Alert Profile

- 1 From **Idle** mode press , select **Phonebook > Alert Profile** and press 
- 2 Press  insert a new profile
- 3 Use  to select **Personal** or **Group** and press 
- 4 Recall the phone number / select group from the Phonebook – see "Retrieve a Number" page 13 and press 

Phonebook

- 1 Press 
- 2 Use  to select the ring tone that you wish to use for this profile and press 
- 3 Use  to select the picture and press 
- 4 Use  to select the backlight colour and press 

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 (network dependent).

- 1 Press and hold a **Digit key**  to 
- 2 Press 

Setting the Hot Key Dial Source

- 1 From **Idle** mode press , select **Phonebook > Hot Key Dial** and press 
- 2 Use  to select **SIM Phonebook** or **MobilePhonebook** and press 

Service Dial Numbers

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

- 1 Press and hold 
- 2 Press  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** mode press , select **Phonebook > Review** and press 
- 2 Use  to select **SIM Phonebook** or **MobilePhonebook** and press 

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 is a convenient part of Phonebook where your voice, fax and data phone number(s) can be stored and viewed. This function is SIM dependent.

Adding Numbers

- 1 From **Idle** mode press , select **Phonebook > My Numbers** and press  twice
- 2 Use  until **Create** is displayed and press 
- 3 Enter the name - see “Text Entry” page 62, and use 

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

- 4 Enter the phone number and press  twice
- 5 Enter location number and press 

Viewing Stored Numbers

- 1 From **Idle** mode press , select **Phonebook > My Numbers** and press 
- 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** mode press , select **Personalise > Display Setting > Greeting** and press 
- 2 Use the text entry facility to add your greeting and press  twice - see "Text Entry" page 62

Displaying Animations

Animations can be displayed when the phone is switched on.

- 1 From **Idle** mode press , select **Personalise > Display Setting > Animation** and press 
- 2 Use  to cycle through the animated themes available
- 3 Press  to select either the desired theme, or disable the animation

Changing the Ring Tone

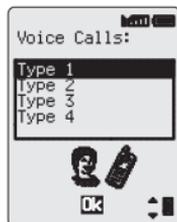
The ring tones of the phone can be changed to one of many pre-defined sounds or to a voice ringer (a voice recording used as a ring tone).

Each of voice, fax, data and message can have a different ring tone. Alternatively you can use the **Melody Composer** to generate your own ring tone.

Setting up a Pre-defined Ring Tone

You can choose from a selection of tones and melodies.

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



Recording a Voice Ringer

- 1 From **Idle** mode press , select **Personalise > Tones > Voice Ringer** and press 
- 2 Use  to select the appropriate voice ringer to be changed and press 
- 3 Press  and start speaking into the microphone to record your voice. The recording will stop automatically, or before if  is pressed.
- 4 To playback the recording use  to select the appropriate voice ringer press , select **Playback** and press 

Composing a Melody

From **Idle** mode press , select **Personalise > Tones > Melody Composer** and press 

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.

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

Once the composition is complete press  twice to save it.

Personalising Your Phone

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					
 (duration)	1/8	1/16	1/1	1/2	1/4	
 (duration)	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:

Press  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** mode press , select **Personalise > Tones** and press 
- 2 Press  to disable all tones. When **Idle** mode 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 via short text messages.

<http://www.panasonicmobile.co.uk/support/ringtones>

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

When a message has been received containing a melody:

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

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

Setting the Backlight Colour

- 1 From **Idle** mode press , select **Personalise > Display Setting > Backlight Colour** and press 
- 2 Use  to cycle through the colours available
- 3 Press  to select the desired colour

Setting the Backlight Time

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

Using Voice Commands

Before you can use any of the phone's voice activated functions you will need to configure the phone so that it will recognize your own voice and intonation.

Personalising Your Phone

Voice Dial Entry Setup

This function allows you to recall and dial numbers from your Phonebook using voice commands.

- 1 From **Idle** mode press , select **Personalise > Voice Command > Voice Dial** and press 
- 2 Press  to add a new Voice Dial entry to the list
- 3 Browse through the Phonebook to select an entry which you wish to attribute a voice command to, and press  twice

Note: *Each recording is short in length, so be prepared to speak once you have initiated the recording.*

- 4 When ready, hold the phone approximately 7" (178mm) from your mouth, press  and speak clearly into the microphone to record the name of the selected Phonebook entry

When the recording has stopped, you will be prompted to repeat the name.

- 5 Press  and repeat the name

Once recording is complete 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** mode 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 press .

Dialling Voice Dial Entries

Using Permission

From **Idle** mode press , select **Personalise > Voice Command > Permission** and press 

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

You can add to, play or delete any of the Voice Dial entries. With a Voice Dial entry displayed:

Press  and use  to select **Add**, **Play** or **Delete** and press  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

Selecting Vibration Alert Type

The vibration alert facility may be set to vibrate continuously or intermittently.

- 1 From **Idle** mode press , select **Personalise > Vibration Alert** and press 
- 2 Use  to select the type of vibration desired and press 

Changing the Language

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

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

Restoring the Default Phone Settings

Any personal settings can be returned to their factory default, with the exceptions of the Phone Lock code and the Language.

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

Phone Security

The phone features a number of security functions that protect against unauthorized use, and enable you to restrict access to certain features - see "Using the PIN" page 11. It is recommended that you memorize your security codes. If you need to make a note of your security codes, never write them in a way that they can be recognized by another person. If you forget them contact your dealer for the Phone Lock Code or your 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** mode press , select **Key Guard** and press  twice to enable Key Guard

When a call is received Key Guard will be disabled temporarily, allowing you to press any key 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 dialled

Disabling Key Guard

When **Free** is displayed press  twice

Changing the Security Codes

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

Restricting Calls

Call Barring

The **Call Bar** function is used to restrict certain outgoing and/or incoming calls. Call Bar is controlled by a security password that is supplied by your 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** mode press , select **Phone Menu > Security > Call Bar** and press 
- 2 Use  to select **Bar Voice**, **Bar Fax** or **Bar Data** and press  twice
- 3 Use  to the select level of call barring that you wish to apply and press 
- 4 Enter Call Bar password and press 

Barred Dialling

The **Barred Dial** function enables you 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** mode press , select **Phone Menu > Security > Barred Dial** and press 
- 2 Enter PIN2 and press 

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.

Phone Security

“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** Press and 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 60.

Initially Setting the Home Time

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



Setting the Clock Format

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

Altering the Time/Date

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

Applications

Setting the Clock for Summer Time

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

Setting the Alarm

If you have not already set the clock, you 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** mode press , select **Applications > Clock Function > Alarm Set** and press 
- 2 Use  to select the alarm to be set and press 
- 3 Enter the digits for the time and press 
- 4 Use  to select the frequency of the alarm and press 
- 5 Use  to select the ring type and press 

Once the alarm has been set,  will be displayed when the phone is in **Idle** mode.

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:

Press any key

Disabling the Alarm

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

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

Adjusting the Alarm Time

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

Setting a Power On/Off Time

You can set your phone 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 you need 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 68.*

Calculator

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

- 1 From **Idle** mode press , select **Applications > Calculator** and press 
- 2 Enter a number (maximum 10 digits) and it will be displayed on the lower line
- 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

Applications

- 5 If you use  to select another arithmetic operation to perform, an intermediate calculation will be performed and the result displayed on the upper line
- 6 Press  to complete the calculation when  is displayed in the main option area

Note: Press and hold  to add a decimal point.

Currency Converter

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

From **Idle** mode press , select **Applications > Currency** and press .

Entering an Initial Conversion Rate

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

Note: Press and hold  to add a decimal point.

Converting a Value

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

The conversion rate will be retained in the phone once entered. The next time you use the converter you can edit the conversion rate / currency abbreviation while in the Currency /rate display. Press , then use  to select **Edit** and press .

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** and press 
- 2 Enter the value for conversion and press  twice

Short Text Messages

You can receive, display, edit and/or send short text messages, of up to 160 characters to mobile phones on the same network or any network that has a roaming agreement.

Setting the Phone for Text Messages

Before you can send a message you must enter the Message Centre number into Parameters (your Service Provider will supply the Message Centre number).

The Message Centre number may have been preprogrammed, on your SIM card.

Setting the Message Centre Number

- 1 From **Idle** mode press , select **Messages > Short Message > Parameters > Message Centre** and press 
- 2 Enter message centre number in international dial format – see “International Dialling” page 8

Sending a Text Message

- 1 From **Idle** mode press , select **Messages > Short Message > Create** and press 
- 2 Use  to select one of the pre-defined messages to be used as a basis and press  twice, or select **<Create>** and press 
- 3 Use  to navigate through the message and add any extra text (up to a total of 160 characters) – see “Text Entry” page 62
- 4 Press  twice

You will be prompted if you wish to send the message, if you do not wish to send the message press , the message will be stored.

- 5 Press  and enter the destination phone number (or recall a number from the Phonebook) - see “Retrieve a Number” page 13 and press 
- 6 Press  twice
- 7 You may be asked if you wish to have delivery confirmation. If you do not want confirmation use  to select **NO** then press . If you do, use  to select **Yes** then press 

Short Text Messages

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

Receiving Text Messages

When a Short Text Message is sent to your 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 press  to read the message. Use  to navigate through the message and to identify the sender of the message.

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 you have received and read a message you may wish to reply to the sender.

Pressing  twice will allow you to create a reply message

Delete a Message

- 1 Press 
- 2 Use  to select **Delete** and press  to delete the message

To enable the auto-deletion of messages - see "Message Parameters" page 33.

Edit a Message

- 1 Press 
- 2 Use  to select **Edit** and press  to edit the message

Pressing  twice will give you the option to send the edited message - see "Sending a Short Text Message" page 31. Press  if you do not wish to send the message and it will be stored in the **Send List**.

Creating a User Defined Message

It is possible to create a user defined message which, once generated, can be used as any other pre-defined message.

- 1 From **Idle** mode press , select **Messages > Short Message > User Defined Msg** and press 
- 2 Edit the message as required and press  twice

The user defined message is displayed at the top of the list of pre-defined messages for selection.

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 flashing “■” indicates an unread message.

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

Send List

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

Review

Review allows you to check usage of the message area.

Message Parameters

From **Idle** mode press , select **Messages > Short Message > Parameters** and press 

The following parameters can be set:

Auto Delete

When set will erase messages automatically:

Received Read - will overwrite the oldest read message

Short Text Messages

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 Text Messages" page 31.

Report

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

Protocol

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

Cell Broadcasts

Cell broadcasts are general information that is sent to your phone by a network operator. The information can include topics like local traffic reports, weather etc.

Setting Broadcast Topics

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

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

Enabling/Disabling Broadcasts

- 1 From **Idle** mode press , select **Messages > Short Message > Broadcasts** and press 
- 2 Select **Receive** and press 

Once 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 (network dependent).

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 **Answered** and an unanswered call will be stored in **Unanswered**.

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

You can edit or delete the phone number before dialling – see “Editing Phonebook Entries” page 14.

If you wish to store the selected number in Phonebook, press  while the number is displayed – see “Store a Number” page 12.

Calling the Last Dialed Number

To redial your last called phone number press  

Returning an Unanswered Call

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

- 1 Press 
- 2 The last caller's phone number will be displayed if it is available
- 3 Use  to select the phone number you wish to dial
- 4 Press 

Call Duration

- 1 From **Idle** mode press , select **Phone Menu > Call Service > Calls** and press 

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 press 

The **Last Call** function will display the duration and call charge, if available, of the last call during **Idle** mode or the current call during a 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.

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. This function is SIM dependent.

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** mode press , select **Phone Menu > Call Service > Service Charges > Price/Unit** and press 
- 2 Press  to edit the values

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

- 3 Enter a currency unit (up to three characters) and press  twice
- 4 Enter a price and press  twice

Call Information

Setting the Maximum Unit Level

This function is SIM dependent

- 1 From **Idle** mode press , select **Phone Menu > Call Service > Service Charges > Max Cost** and press 
- 2 Press  twice to edit the values

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

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

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

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** mode press , select **Phone Menu > Call Service > Service Charges > Warning at** and press 
- 2 Press  twice to edit the value
- 3 Enter a value (in units) at which time you would like the warning to sound and press  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** is Network Dependent)

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** mode press , select **Phone Menu > Call Divert** and press 
- 2 Use  to select the type of calls to divert and press  twice
- 3 Use  to select the circumstances to initiate the divert and press 
- 4 Enter phone number to divert to and press  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 Press 
- 2 Use  to select **Hold** then press 

Resuming a Call

- 1 Press 
- 2 Use  to select **Resume** then press 

Making a Second Call

- 1 Enter phone number (or recall from Phonebook – see “Retrieve a Number” page 13)
- 2 Press 

The first call will be placed on hold.

Advanced Operation

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 Press 
- 2 Use  to select **Accept** and press 

The current call will be placed on hold.

Reject a Second Call

- 1 Press 
- 2 Use  to select **Reject** and press 

End Current Call and Receive Second Call

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

Operation During Two Calls

Swapping Between Calls

The  prompt indicates the current call

- 1 Press 
- 2 Use  select **Swap** and press 

End Current Call

- 1 Press 
- 2 Use  to select **End** and press 

The held call will remain held.

End Both Calls

Press 

Call Transfer

With two calls connected, Call Transfer enables you to connect them together ending your connection, leaving the other parties to talk together without you.

When you have two calls:

- 1 Press 
- 2 Use  to select **Trans.** and press 

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 Press 
- 2 Use  to select **Merge** and press 

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

Adding to Multi-party

You can 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.*

Advanced Operation

Splitting a Multi-party

You 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 Press 
- 2 Use  to select **Option** and press 
- 3 Use  to select a caller in the Multi-party
- 4 Press 
- 5 Use  to select **Split** and press 

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

Ending Multi-party Calls

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

Ending a Single Connection

During a Multi-party call

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

Ending a Multi-party Call

During a Multi-party call:

Press  to end all the calls at once

Changing to a New Network

When not in your home Country / Region, you may use a network that you do not directly subscribe 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** mode press , select **Phone Menu > Network > New Network** and press 
- 2 Use  to select one from the list of available networks and press 

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. A maximum of 100 reminders can be set, each of up to 96 characters long.

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 68*

Creating a Reminder

- 1 From **Idle** mode press , select **Schedule** and press 
- 2 Use the **Navigation key** () to select the date for your reminder and press  twice to create a new entry
- 3 Enter the digits for the time using 24 hour clock and press  twice
- 4 Use  to select the frequency of the reminder and press 

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 62, and press  twice
- 6 Use  to select a ring type for the reminder and press 

Note: *To indicate that a reminder has been set, the date will appear as white numbers on a black or dark background.*

Viewing Reminders

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

Deleting Reminders

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

Setting a Holiday Reminder

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

Repeat process for each day of holiday as required

Deleting Holiday Reminders.

To delete holiday reminders:

- 1 From **Idle** mode press , select **Schedule** and press 
- 2 Use the **Navigation key** () to select the day of your holiday to be deleted and press 
- 3 Use  to select **Function** and press 
- 4 Use  to select **Holiday Set** and press 
- 5 Use  to select **Holiday List**, select date for deletion press  twice

To delete ALL Holiday Reminders select **All Clear** and press  twice

Note: To indicate that a holiday reminder has been set, the date/s will be encapsulated in a clear box.

Schedule

Jump to Future Date

- 1 From **Idle** mode press , select **Schedule** and press 
- 2 Press 
- 3 Use  to select **Jump** press 
- 4 Press and hold  to remove the current date
- 5 Using 0 - 9 enter the date (using chosen date format) to which you want to 'jump' to and press  twice

Games

Mogular

The object of the game is to hit a character as it appears from a hole, scoring points for each hit. The holes relate directly to the layout of the keypad (0+), 9, *, and #). By pressing the appropriate key the character will be hit. A life is lost for each miss.

Play the Game

- 1 From **Idle** mode press , select **Games > Mogular** and press 
- 2 Use  to select a skill level and press  to start the game
- 3 The game finishes when all lives are lost

Pause the Game

Press 

The score table is displayed

Press  to resume the game

Quit the Game

Press  or  during the game

Clear Best Score

From the skill level display:

Press   

Games

15 Puzzle

A puzzle containing numbered blocks (1 – 15) that, when scrambled, have to be rearranged into numeric order. There is no time limit, but the target is get the LOWEST score possible.

Play the Game

- 1 From **Idle** mode press , select **Games > 15 Puzzle** and press 
- 2 Press  to scramble the numbers in the grid
- 3 Use  to move the numbered blocks around the grid arranging them in numerical order

Pause the Game

Press 

An instruction table is displayed

Press  to resume the game

Quit the Game

Press  or  during the game

Clear Best Score

From the initial display (before scrambling the blocks):

Press   

WAP Browser

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

Server Settings

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

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

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

- 1 From **Idle** mode press , select **Browser > Browser Setting** and press 
- 2 Two servers may be setup on the phone. Use  to select one or other of the server settings and press 
- 3 Use  to select **Edit** and press 

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

- 4 Press 
- 5 Enter the name of the WAP server and press  twice
- 6 Use  to select each of the other parameters in turn, edit the information and press  twice
- 7 After all parameters have been entered, press  to return to the previous menu level
- 8 Select the server setting that you have just edited and press . Use  to select **Set** and press 

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

Switching between Circuit Switch and GPRS

- 1 From **Idle** mode press  > **Browser** > **Browser Setting**
- 2 Use  to select a server and press 
- 3 Select **Edit** and press 
- 4 Select **Bearer Type**, press  and use  to select **Circuit Switch** or **Packet** (GPRS) and press 

Note: When using GPRS it is possible to remain passively connected to a server, indefinitely.

Activating the Browser

To activate the Browser:

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

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). From the second time onwards, the last displayed page will be recalled from cache (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 press  to load the page represented by the link.

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

 Indicates an image which cannot be displayed

 Indicates on-line browsing

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).

The Browser menu is accessed by pressing  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
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 press 
- 2 Use  to select **Bookmark**
- 3 Press  twice to register the bookmark

Recalling Pages Using Bookmarks

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

Renaming a Bookmark

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

WAP Browser

- 5 Press and hold  to remove the bookmark name, then re-type the name required and press  twice

Deleting Bookmarks

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

Deactivating the Browser

The Browser can be deactivated as follows:

When browsing on-line press  once to review cache off line

When browsing off-line press  once 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** mode press , select **Browser > Browser Setting** and press 
- 2 Use  to select one of the server settings and press 
- 3 Use  to select **Edit** and press 
- 4 Use  to select **Bearer Type** and press 
- 5 Use  to select **Circuit Switch** and press 
- 6 Use  to select **Edit** and press 
- 7 Use  to select **Linger Time** and press 
- 8 Press and hold  to remove the current linger time, then re-enter the value required and press  twice

Note: This function is not required when using GPRS

Last Status

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

From **Idle** mode press , select **Browser > Last Status** and press .

Internet E-mail

The E-mail function will send and receive Internet e-mail messages to the mail server of an Internet Service Provider that supports POP3/SMTP protocols.

E-mail Setup

Before you can send and receive e-mail messages, your SIM must be data enabled and a contract must be set up with an Internet Service Provider and the relevant configuration information, supplied by the provider, entered into the phone.

- 1 From **Idle** mode press , select **Messages > E-mail** and press 
- 2 Use  to select **Parameters** and press 
- 3 Use  to select **Server Settings** and press 

Up to three Internet Service Providers may be setup

- 4 Press 

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

- 5 Press 
- 6 Enter the name of the Internet Service Provider and press  twice
- 7 Use  to select each of the other parameters in turn, edit the information and press  twice
- 8 After all parameters have been entered, press  to return to the previous menu level
- 9 Select the server setting that you have just edited and press . Use  to select **Set** and press 

Record your e-mail settings in the table at the rear of this booklet for easy reference.

For additional information about setting up the Internet E-mail / GPRS see <http://www.panasonicmobile.co.uk/support>

Create a New Message

- 1 From **Idle** mode press , select **Messages > E-mail** and press 
- 2 Use  to select **Create** and press 
- 3 Enter the relevant details in the *To*, *CC*, *Subject* and *Message* fields, using  to navigate between them and press  to select each in turn
- 4 Press , use  to select **Phonebook Entry** press 
- 5 Use  to select required address and press  twice
- 6 After entering the necessary information press  twice
- 7 Press 
- 8 Use  to select **Save** and press 

Send/Receive Messages

The **Send/Receive** function is used to both send messages created on the phone to the server of the Internet Service Provider, and to check your mailbox on the server for incoming messages and download them to the phone at the same time.

- 1 From **Idle** mode press , select **Messages > E-mail** and press 
- 2 Use  to select **Send/Receive** and press 

If there are unsent messages in the **Outbox** you will be prompted to send them.

- 3 Press  to send any unsent messages.

If there are new messages to download to the phone then you will be prompted to receive them.

- 4 Press  to receive new messages.

If no action is taken the connection will time out after one minute and return to the **E-mail** menu.

If any messages are downloaded then, when finished, the phone will display the new messages allowing them to be viewed, replied to etc. If no messages are downloaded the phone will display the **Inbox** menu, unless there are no messages in this list, then it will return to the **E-mail** menu.

Read Messages

From **Idle** mode press , select **Messages > E-mail > Inbox** and press .

The header fields of the most recent messages will be displayed. Use  to scroll through previous message headers and press . Use  to select **View** and press  to read the current message, using  to scroll through the message.

Message Status

A message can be in one of four states. The current state of each message is indicated by an appropriate icon:

-  Indicates a message which has been read or sent.
-  Indicates an unread or unsent message
-  Indicates that the message has been locked
-  Indicates a broken message (either a message too long for the phone or a message which contains an attachment)

While reading a message any of the following operations may be performed by pressing , using  until the relevant operation is displayed and pressing :

Reply

Compose a reply to the sender of the current message

Forward

Send the current message to a different person other than the sender

Delete

Remove the current message from the list

Lock

Apply a lock to the message so that it cannot be overwritten when receiving / creating further messages. A locked message can still be deleted manually

Recall

To select the mobile phone number of the e-mail sender, to enable you make a voice call or review the number.

Store an Address

An e-mail address can be stored in the Mobile Phonebook - see "Store a Number" page 12

Add a Signature

This **Signature** function enables a pre-defined signature to be added to your outgoing e-mails. Once the signature has been setup, each time a new e-mail is created it will have the signature automatically inserted.

Setup Signature

- 1 From **Idle** mode press , select **Messages > E-mail > Parameters > Signature** and press 
- 2 Enter the text for your required signature – see "Text Entry" page 62 and press  twice

Manage Message Stores

Once the **Inbox** and/or **Outbox** store are full any new messages received or created will overwrite existing messages from the oldest first. To prevent messages being overwritten each list should be maintained deleting any messages which are no longer required. Important messages can have a lock applied to them so that they cannot be overwritten when the **Send/Receive** process is activated.

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 Press 
- 2 Use  to select **H'free** and press 

During a Handsfree call:

Press  twice to revert to Handheld operation

Answering a Call Handsfree

Pressing and holding  will allow the call to be answered Handsfree.

Voice Memo

You can record a two-way conversation for up to 18 seconds 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

Press 

Use  to select **Memo** and press 

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

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

Play Back a Voice Memo

From **Idle** mode press , select **Applications > Voice Memo Play > Playback** and press 

To stop playing, press  twice

The Note Pad function is available during playback - see "Note Pad" page 60.

Volume Control During Playback

While playing back:

Use  to adjust the volume of the voice memo

Delete Memo

From **Idle** mode press , select **Applications > Voice Memo Play > Delete** and press  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  until a **P** is displayed
- 3 Enter DTMF digits after the pause, e.g. enter the number to access voice mail messages.
- 4 Press 

Additional Features

When the call is successful DTMF tones will be sent after 3 seconds or when  is pressed.

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

- 1 From **Idle** mode press , select **Personalise > DTMF Length** and press 
- 2 Use  to select **Long** and press 

Note Pad

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

During a call:

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

To store in Phonebook, press  while the number is displayed – see “Store a Number” page 12.

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** mode press , select **Applications > Clock Function > Clock Format > Display Pattern** and press 
- 2 Use  to select either **Second Time** or **Home Time** and press 

Setting Auto Adjustment

If you travel to a country / region which has a roaming agreement with your home network, your 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** mode press , select **Applications > Clock Function > Clock Set > Second > Auto Adjustment > Home area** and press 
- 2 Use  to select your home area and press 

Enabling Auto Adjustment

From **Idle** mode press , select **Applications > Clock Function > Clock Set > Second > Auto Adjustment > Auto Adjustment** and press .

Repeat to disable Auto Adjustment.

Setting Manual Adjustment

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

Setting Summer Time

From **Idle** mode press , select **Applications > Clock Function > Clock Set > Second > Summer Time** and press .

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 operational 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 (ABΓ)	Extended (AÄÅ)	Numeric (0-9)
	Alternatives	+ _	+ _	+ _	0+P_
	Punctuation	.@/:;*#+-“, ! ?¿_()[]{}' “^~ <>=£\$%&5			1
	abc	ABCabc	ABΓ	ÄÅÅEBCÇäå–abc	2
	def	DEFdef	ΔEZ	DEÉFdeéèf	3
	ghi	GHIghi	HΘI	GHIghi i	4
	jkl	JKLjkl	KΛM	JKLjkl	5
	mno	MNOmno	NΞO	MNÑOöø–mnñ–ò–	6
	pqrs	PQRSpqrs	ΠΣ	PQRSpqrsβ	7
	tuv	TUVtuv	ΤΥΞ	TUÜVtuüv	8
	wxyz	WXYZwxyz	XΨΩ	WXYZwxyz	9
	Shift/Lock*	⌘	⌘	⌘	⌘
	Space	#	#	#	#

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

T9[®] Text Input

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

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

If the combination of letters typed has produced a word which is not the one you require, press  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 (ÅÄÅ) text entry modes, each time a key is pressed in quick succession it will display the next character available on that key (or if the key is pressed and held down it will cycle through the available characters). 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 (or to the first character of the previous or next word when using T9[®] text entry mode). 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[®] is a trademark of Tegic Communications Inc.
 T9[®] 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

From **Idle** mode pressing  will display a menu of phone features. To select a feature press  so that icon of the feature that you require is highlighted then press .

To exit the current menu and return to the previous level press .

To exit completely out of the menu structure, press and hold , or  (except during a call).

During a call a restricted menu will be available.

1 Personalise

- Language
- Tones
 - All Tones
 - Ring Volume
 - Ring Type
 - Melody Composer
 - Voice Ringer
 - Key Volume
 - Key Tone Type
 - Warning Tone
- Voice Command
- Voice Dial
- Permission
- Display Setting
- Idle Screen
- Greeting
- Backlight Colour
- Animation
- Contrast
- Backlight Time
- Vibration Alert
- Auto Answer
- DTMF Length
- Defaults

2 Games

- Mogular
- 15 Puzzle

3 Phonebook

- Browse
- Create
- Alert Profile
- Group Setting
- Review
- My Numbers²
- Hot Key Dial

4 Key Guard

5 Browser

- Start Browser
- Browser Setting
- Last Status

6 Messages

- Short Message
- Receive List
- Send List
- Create
- User Defined Msg
- Review
- Parameters
- Broadcasts²
- E-mail
 - Inbox
 - Outbox
 - Create
 - Send/Receive
 - Review
 - Parameters

7 Phone Menu

- Call Service
- Calls²
 - *Last Call
 - *All calls
 - *Call Waiting¹
 - *Caller's ID
 - *Withhold ID
- Connections
 - Last Connection
 - All Connections
 - Call Priority
- Service Charges²
 - Cost Left
 - Price/unit

- Max Cost
- Warning at
- Call Meter
- Call Divert
- Voice calls
- Fax Calls
- Data Calls
- Cancel All
- Status
- Security
 - Phone Lock
 - Call Bar¹
 - PIN²
 - PIN²
 - Fixed Dial²
 - Barred Dial²
- Network

8 Applications

- Games
- Voice Memo Play
- Download Melody¹
- Clock Function
 - Clock Set
 - Clock Format
 - Alarm Set
 - Power On Time
 - Power Off Time
- Calculator
- Currency

9 Schedule

¹ Function is Network Dependent

² 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 one
The charging indicator does not light and the phone cannot be switched on when charging	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
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		<p>Check your SIM supports Fixed Dial</p> <p>Check if the Fixed Dial is switched on</p> <p>Check the phone number is stored in the Fixed Dial</p>

Trouble Shooting

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
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
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 dialled numbers is full - switch the phone off and then on again

Important Information

We, Matsushita Communication Industrial UK Ltd., declare, that the EB-GD96 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 www.panasonicmobile.co.uk/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 traveling 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-HFD95Z).

* Where xx identifies the specific AC Adaptor region, e.g. CN, EU, HK, TW, 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.



You are advised not to use the equipment at a refueling point. You 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) or charge the battery for much longer than recommended.



You **MUST** exercise 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. Keep the antenna pointed over your shoulder while in use. Use only the supplied or approved replacement antenna. Unauthorized antennas, modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved antenna, 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.mcuk.panasonic.co.uk/2001/health.html

Care and Maintenance



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



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



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



Do not subject the equipment to excessive vibration or shock.



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



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



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



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



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.

Glossary of Terms

APN	Access point name. Directs the user to the gateway or the required service.
CHAP	Challenge Handshake Authentication protocol. A security feature for the GPRS network.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerized phone systems, voice mailboxes etc.
GSM	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses.
GPRS	General Packet Radio Service. The Technology the 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.
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.

Glossary of Terms

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

Type	GSM900 Class 4 GSM1800 Class 1
Temperature range	
Charging	+5°C to +35°C
Storage	-20°C to +60°C

Phone (Including Battery)

Weight	84 g
Dimensions	
Height x Width x Depth	125.6 x 45.6 x 14.4mm
Supply Voltage	3.7V DC, 650mAh Li-Ion
Standby Time - Idle Mode (h)	Up to 150
Talk Time (h)	Up to 6.6
Charge Time (h)	Up to 1.6

Note: Charge time will be longer when the phone is turned on. Battery life is affected by the network you are using and the condition of the battery.

Panasonic GSM Mobile Telephone

Warranty Terms

- 1 This warranty is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. This warranty applies to the United Kingdom, Isle of Man & Channel Islands only, for users in Ireland, please contact your retailer or supplier. The warranty period is 12 months from date of purchase and is applicable to the original purchaser only.
- 2 The product is approved for use on GSM mobile telephone system and should only be used for normal purposes and in accordance with the standard operating instructions.
- 3 The warranty covers breakdowns due to manufacturing or design faults; it does not apply to damage, however caused, wear and tear, neglect, incorrect adjustment or repair, or to any items of a limited natural life.
- 4 In the event of failure, please take the following action:
 - Refer to the instruction book in order to identify and possibly correct the problem.
 - If the problem is due to coverage, reception or billing, please contact your air time retailer or service provider whose number can be found from your monthly invoice.
 - If you cannot resolve the problem, contact the Panasonic Helpline on 08705 159159. Before you telephone have the following information to hand:
 - * The model and serial number of your telephone, and its phone number
 - * Your full address and post code
 - * A copy of your original invoice, receipt or bill of sale for the purchase of the telephone.
- 5 If the problem cannot be resolved over the telephone, arrangements will be made to repair the telephone. Remove the SIM from the telephone and store it in a safe place. Please pack the telephone suitable for transit. Including in the packing:
 - The mobile telephone
 - The rechargeable battery
 - AC Adaptor
 - A copy of your invoice, receipt or bill of sale. (Note: it is the customers responsibility to provide proof of warranty)
- 6 Panasonic will use reasonable endeavours to ensure your telephone is returned to you within a maximum of 5 working days from reporting the fault to the Helpline. Please note that delays in transit may be encountered for Channel Islands, Northern Ireland, Isle of Man, Scottish Islands and other islands.
- 7 Your sole and exclusive remedy under this guarantee against us is for the repair, or at our option the replacement, of the product, or any defective part or parts. No other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
- 8 Rechargeable batteries have a limited natural life, in order to prolong their life they should only be used and charged as shown in the instruction book. Replacement batteries may be purchased either from your retailer or the Helpline number shown overleaf.

Important

Write your mobile telephone number and lock code here:

Telephone number:	Lock code:
-------------------	------------

Your Panasonic GSM mobile telephone has a warranty for 12 months from date of purchase. If you feel your phone is faulty and your service provider or air time retailer cannot resolve the problem, please contact the **Panasonic Helpline on:**

08705 159159

The Helpline operates

9:00 AM - 5:30 PM

Monday - Friday (excluding Bank Holidays)

If faulty, arrangements will be made to repair the telephone and return it to you.

We will use reasonable endeavours to ensure this is within a maximum of 5 working days.

EU Warranty

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

Panasonic GSM European Service Guarantee Conditions

Dear Customer,

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

The Guarantee

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

Conditions of Guarantee

When requesting guarantee service the purchaser should present the warranty card together with proof of purchase, to an authorized service centre.

The guarantee covers breakdowns due to manufacturing or design faults; it does not apply to other events such as accidental damage, however caused, wear and tear, negligence, adjustment, modification or repair not authorized by us.

Your sole and exclusive remedy under this guarantee against us is the repair, or at our option the replacement, of the product, or any defective part or parts. No other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.

This is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. This guarantee applies in countries shown on this document at the authorized service centres detailed for that country.

UK

Service Centres in the UK
Tel. +44 8705 159159

ROI

Service Centres in Ireland
Tel: +353 1 2898333

D

Panasonic Service Center Dresden
SERKO GmbH
Großenhainer Straße 163
01129 Dresden
Tel. +49 (0)351/ 85 88 477

Panasonic Service Center Cottbus
Petsch Kundendienst GmbH
Am Seegraben 21
03058 Gross-Gaglow
Tel. +49 (0)355/ 58 36 36

Panasonic Service Center Leipzig
KES Keilitz-Electronic-Service GmbH
Föppelstraße 19
04347 Leipzig
Tel. +49 (0)341/ 244 33 33

Panasonic Service Center Chemnitz
WPS Rundfunk- u. Fernsehservice GmbH
Zietenstraße 16
09130 Chemnitz
Tel. +49 (0)371/ 40 10 359

Panasonic Service Center Berlin
SERKO GmbH
Schwedter Straße 34a
10435 Berlin
Tel. +49 (0)30/ 44 30 3221

Panasonic Service Center Berlin
RUESS SYSTEMS
Thrasoltstraße 11
10585 Berlin
Tel. +49 (0)30/ 342 2013

Panasonic Service Center Rostock
warnow electronic service gmbh
An der Jägerbäk 2
18069 Rostock
Tel. +49 (0)381/ 82 016

Panasonic Service Center Hamburg
ELVICE Service GmbH
Spaldingstraße 74
20097 Hamburg
Tel. +49 (0)40/ 23 08 07

Panasonic Service Center Rendsburg
FERNSEH-DIENST B&W Service GmbH
Kieler Straße 41
24768 Rendsburg
Tel. +49 (0)4331/ 14 11-0

Panasonic Service Center Bremen
COM Elektronik Service GmbH
Rübekamp 50
28219 Bremen
Tel. +49 (0)421/ 691 80 69

Panasonic Service Center Hannover
COM Elektronik Service GmbH
Vahrenwalder Straße 311
30179 Hannover
Tel. +49 (0)511/ 37 27 91

Panasonic Service Center Magdeburg
SERKO GmbH
Ebendorfer Chaussee 47
39128 Magdeburg
Tel. +49 (0)391/ 289 90 69

Panasonic Service Center Düsseldorf
VTH GmbH
Kölnler Straße 147
40227 Düsseldorf
Tel. +49 (0)211/ 77 90 25

Panasonic Service Center Essen
Bernd van Bevern GmbH
Heinrich-Held-Straße 16
45133 Essen
Tel. +49 (0)201/ 84 20 220

Panasonic Service Center Osnabrück
Patsch Kundendienst GmbH
Pagenstecherstraße 75
49090 Osnabrück
Tel. +49 (0) 541/ 68 038

Panasonic Service Center Wiesbaden
J. Hemmerling - VAD GmbH
Ostring 7
65205 Wiesbaden
Tel. +49 (0)6122/ 90 91 10

Panasonic Service Center Mannheim
N. Schaaf
Reichenbachstraße 21-23
68309 Mannheim
Tel. +49 (0)621/ 72 787-0

Panasonic Service Center Stuttgart
Hans Beck
Friedrich-List-Straße 38
70771 Leinfelden-Echterdingen
Tel. +49 (0) 711/ 94 701-0

Panasonic Service Center Reutlingen
Herbert Geissler
Lichtensteinstraße 75
72770 Reutlingen
Tel. +49 (0)7072 / 92 96-0

Panasonic Service Center München
G.Berghofer & W.Kaller GmbH
Helene-Wessel-Bogen 7
80939 München
Tel. +49 (0)89/ 318 907-0

Panasonic Service Center Augsburg
Klaus Bienek
Affinger Straße 4
86167 Augsburg
Tel. +49 (0)821/ 70 70 75

Panasonic Service Center Nürnberg
Herbert Geissler GmbH
Friedrich-Ebert-Straße 21
90537 Feucht
Tel. +49 (0)9128/ 70 76-0

Panasonic Service Center Eisenach
Blitz Elektro-Elektronik-GmbH
Bahnhofstraße 17
99817 Eisenach
Tel. +49 (0)3691/ 29 29 42 8

A

Service-Zentren in Österreich
Funk Fuchs GmbH & CoKg Unterhart 90
4642 Sattledt
Tel. +43 7244 733

Funktechnik Seissl
Dorf 79
6330 Schwoich
Tel. +43 5372 8217

Elektro Oberndorfer
Linzer Straße 2-4
4840 Vöcklabruck
Tel. +43 7672 72889

Panasonic Austria Handelsges.mbH
Laxenburger Straße 252
1232 Wien
Tel. +43 222/61080

FR

CETELEC
ZI de la Delorme
5 Avenue Paul héroult
13015 MARSEILLE
Tél. : 04 96 15 77 77
Tél. : 04 91 58 07 55

CORDON Electronique
BP 460
ZI Taden
22107 DINAN CEDEX
Tél. : 02.96.85.82.20
Fax : 02.96.85.82.21

EASY REPAIR
26 rue des Cosmonautes
31400 Toulouse
Tél. : 05.62.71.48.14
Fax : 05.62.71.48.15

EASY REPAIR
22 boulevard des Brotteaux
69006 Lyon
Tél. : 04.72.83.02.02
Fax : 04.78.52.40.38

ELECTRONIQUE SERVICE
Avenue Figuières
ZAC Font de la Banquière
34970 LATTES
Tél. : 04.67.15.96.30
Fax : 04.67.20.04.72

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

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

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

EU Warranty

NL

Service-centra in
Nederlands

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

Zonweg 60
2516 BM
Den-Haag
Nederland
Tel. +31 703314314

PLAY-SHOP SERVICE Keskuskatu 3
00100 Helsinki
Puh. +358 09 27053626

MEGAFIX KY
Louhenkatu 9
74100 Iisalmi
Puh. +358 017 14631

T: MI.M.HAAPOJA
Miiilukatu 7
40320 Jyväskylä
Puh. +358 014 677121

OUTOKUMMUN PUHELIN Pohjoisahonkatu
9
83500 Outokumpu
Puh. +358 013 562211

SETELE OY
Rengastie 31
60100 Seinäjoki
Puh. +358 06 4148344

TURUN J-MARKKINAT OY Tuureporinkatu
6
20100 Turku
Puh. + 358 02 2332685

I

Per i Centri Assisitenza in Italia
Servizio Clienti
Tel. +39 02/ 67072556

E

Panasonic España, S.A.
Servicio de Atención a Usuarios:
Tel: 902 15 30 60

DK

For nærmeste servicecenter ring Panasonic
Danmark
Tel. +45 43 20 08 50

S

Firmor i Sverige
Komrep
Rosenlundsgatan 4
411 20 Göteborg
Tel. +46 031-173354

Signalstyrkan
Kungsholmstorg 4
104 22 Stockholm
Tel. +46 08-6542500

CR service
Industribyn 3
232 37 Malmö
Tel. +46 040-430030

SF

Huoltokeskukset Suomessa:
KAUKOMARKKINAT OY
PANASONIC-HUOLLOT Kutojantie 4
02630 Espoo
Puh. +358 09 521 5151 Huolto
Puh. +358 09 521 5155 Varaosat Ja
Tarvikkeet

SETELE OY
Vanha Viertotie 7
00300 Helsinki
Puh. +358 09 549100

N

Servicesenter i Norge
Norsk Elektronikkcenter
Fetveien 1
2007 Kjeller
Tlf: +47 63 80 45 00

Panasonic Norge AS
Østre Aker vei 22
0508 Oslo
Tlf: +47 22 91 68 00

GR

Κέντρα τεχνικής υποστήριξης
INTERTECH S.A.
International Technologies
Αφροδίτης 26, 167 77 Ελληνικό
Ταχ. Θυρ.: 738 21, 167 10 ΕΛΛΗΝΙΚΟ
Τηλ. Κέντρο: (01) 9692.300

Υποκατάστημα Βόρειας Ελλάδας:
Κ. Καραμανλή 11, 54638 ΘΕΣΣΑΛΟΝΙΚΗ
Τηλ. Κέντρο: (031) 245.840-3

P

Centros de Assistência em Portugal

PAPELACO, S.A.
Vale Paraíso - Ferreiras
8200 ALBUFEIRA
ALGARVE
Tel. +351 89 589960

PAPELACO, S.A.
Largo de Santos, 9
1200 LISBOA
Tel. +351 1 3970539

PAPELACO, S.A.
Largo do Tribunal, Lote 11
2400 LEIRIA
Tel. +351 44 28071

PAPELACO, S.A.
Rua Cidade de Santos, 31R/C
9000 FUNCHAL
MADEIRA
Tel. +351 91 231523

PAPELACO, S.A.
Rua do Outeiro,
Lote 25 - Gemunde
4470 MAIA
PORTO
Tel. +351 2 944 0354/9

PAPELACO, S.A.
Rua Major Leopoldo da Silva,
Lote 3
3500 VISEU
Tel. +351 32 424771

B

Centres de service après-vente en Belgique

BROOThAERS
Hoevelei 167
2630 AARTSELAAR
Tel. +32 03/887 06 24

HENROTTE
Rue du Campinaire 154
6240 FARCENNES
Tel. +32 071/39 62 90

PIXEL VIDEOTECH
Rue St Remy 7
4000 LIEGE
Tel. +32 041/23 46 26

DELTA ELECTRONICS
Rue P.d'Alouette 39
5100 NANINNE
Tel. +32 081/40 21 67

ELEKSERVICE FEYS Houthulstseweg 56
8920 POELKAPELLE
Tel. + 32 057/48 96 37

AVS WAASLAND Lavendelstraat 113
9100 ST NIKLAAS
Tel. +32 03/777 99 64

A.V.T.C SA
Kleine Winkellaan 54
1853 STROMBEEK-BEVER Tel. + 32
02/267 40 19

RADIO RESEARCH
Rue des Carmélites 123
1180 BRUXELLES
Tel. +32 02/345 68 56

VIDEO TECHNICAL SERVICE
Av. du Roi Albert 207
1080 BRUXELLES
Tel. +32 02/465 33 10

SERVICE CENTER Kapellestraat 95
9800 DEINZE
Tel. +32 09/386 76 67

TOP SERVICE
Westerloseweg 10
2440 GEEL
Tel. +32 014/54 76 24

TELECTRO SC
Quai des Ardennes 50
4020 Liège
Tel. +32 041/43 29 04

L

Centres de service après-vente au
Luxembourg

NOUVELLE CENTRAL RADIO
Rue des Jones 15
L - 1818 Howald
Luxembourg - Grand Duché
Tel. +32 40 40 78

CH

Jonh Lay Electronics AG
Littauerboden
6014 Littau
Phone: +41 41 259 9090 Fax: +41 41 252
0202

TR

TEKOFAKS ISTANBUL CENTRE OFFICE
KAGITHANE CADDESİ SEVİLEN SOKAK NO. 58
80340 ÇAĞLAYAN-İSTANBUL
Tel: 90-212-220 60 70 / 14 Lines
Fax: 90-212-220-60 94

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

İSMİR BRANCH OFFICE
CUMHURİYET BULVARI NO:330 K.:6 D.:608 SEVİL
İŞ MERKEZİ 35520 ALSANCAK-İZMİR
Tel: 90-232-464 29 01 pbx
Fax: 90-232-422 67 44

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

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

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

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

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

EU Warranty

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

- A When the purchaser finds the appliance to be defective, he should promptly contact the proper sales company or national distributor in the EU/EEA country where this guarantee is claimed, as indicated in the "Product Service Guide" or the nearest authorized dealer together with this guarantee and proof of date of purchase. The purchaser will then be informed whether:
- (i) the sales company or national distributor will handle the repair service; or
 - (ii) the sales company or national distributor will arrange for trans-shipment of the appliance to the EU/EEA country where the appliance was originally marketed; or
 - (iii) the purchaser may himself send the appliance to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed.
- B If the appliance is a product model which is normally supplied by the sales company or national distributor in the country where it is used by the purchaser, then the appliance, together with this guarantee card and proof of date of purchase, should be returned at the purchaser's risk and expense to such sales company or distributor, which will handle the repair service. In some countries, the affiliated sales company or national distributor will designate dealers or certain service centres to execute the repairs involved.
- C If the appliance is a product model which is not normally supplied in the country where used, or if the appliance's internal or external product characteristics are different from those of the equivalent model in the country where used, the sales company or national distributor may be able to have the guarantee repair service executed by obtaining spare parts from the country where the appliance was originally marketed, or it may be necessary to have the guarantee repair service executed the sales company or national distributor in the country where the appliance was originally marketed. In either case, the purchaser must furnish this guarantee card and proof of date of purchase. Any necessary transportation, both of the appliance and of any spare parts, will be at the purchaser's risk and expense, and there may be a consequent delay in the repair service.
- D Where the consumer sends the appliance for repair to the sales company or national distributor in the country of use of the appliance, the service will be provided on the same local terms and conditions (including the period of guarantee coverage) as prevail for the same model appliance in the country of use, and not the country of initial sale in the EU/EEA. Where the consumer sends the appliance for repair to the sales company or national distributor in the EU/EEA country where the appliance was originally marketed, the repair service will be provided on the local terms and conditions prevailing in the country of initial sale in the EU/EEA.
- E Some product models require adjustment or adaptation for proper performance and safe use in different EU/EEA countries, in accordance with local voltage requirements and safety or other technical standards imposed or recommended by applicable regulations. For certain product models, the cost of such adjustment or adaptation may be substantial and it may be difficult to satisfy local voltage requirements and safety or other technical standards. It is strongly recommended that the purchaser investigates these local technical and safety factors before using the appliance in another EU/EEA country.
- F This guarantee shall not cover the cost of any adjustments or adaptations to meet local voltage requirements and safety or other technical standards. The sales company or national distributor may be in a position to make the necessary adjustments or adaptations to certain product models at the cost of the purchaser. However, for technical reasons it is not possible to adjust or adapt all product models to comply with local voltage requirements and safety or other technical standards. Moreover, where adaptations or adjustments are carried out the performance of the appliance may be affected.
- G If in the opinion of the sales company or national distributor in the country where the appliance is used the purchaser has the necessary adjustments or adaptations to local voltage requirements and technical or safety standards properly made, any subsequent guarantee repair service will be provided as above indicated, provided the purchaser discloses the nature of the adjustment or adaptation if relevant to the repair. (It is recommended that the purchaser should not send adapted or adjusted equipment for repair to the sales company or national distributor in the country where the appliance was originally marketed if the repair relates in any way to the adaptation or adjustment).
- H This guarantee shall only be valid in territories subject to the laws of the European Union and the EEA.

Please keep this guarantee with your receipt.

Personal Record

E-mail Settings

Use the table below to record your E-mail settings. The list may vary depending on the Internet Service Provider.

Item	Hint	Current Setting
Profile Name	Service Provider Name	
Mail Account	Your E-mail Address	
SMTP Server	Domain Name or IP Address	
POP3 Server	Domain Name or IP Address	
POP3 Account		
Password	Reminder of Password	
Mail Delivery	Leave/Delete Message*	
Access Point	Phone Number	
GPRS APN		
Circuit Type	Analog or Digital	
Authentication	None, Normal (PAP), Encrypted (CHAP),	
User Name	Your name (or alias)	
User Password	Reminder of Password	
Primary DNS	IP Address	
Secondary DNS	IP Address	

* This function allows e-mail messages to either be removed from the server when they have been downloaded to the phone, or they can be left on the server.

Personal Record

WAP Settings

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

Item	Provisioning Information Setting No 1	Provisioning Information Setting No 2
Name		
Home URL		
Security	Non secure / Secure (Delete One)	
Bearer Type		

Circuit Switched (GSM)

Circuit Type		
Digital Dial		
Analogue Dial		
User Name		
Password		
Gateway IP		
Linger time		

Packet Switched (GPRS)

Access Point Name		
User Name		
Password		
Gateway IP		
Authentication	None/Normal/Secure (PAP) (Chap)	

Notes

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	



BULL CP8 PATENT

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