



Panasonic G70

Operating Instructions Part 1 Digital Cellular Phone

*Before operating this phone,
please read these instructions (parts 1 and 2) completely.
Charge battery before operation.*



Contents

Part 2 of these Operating Instructions contains important information which should be read before operating your phone. Please completely read the appropriate section of Part 2 before continuing with part 1.

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Mirror mode

Mirror mode ON

From idle mode

Navi key  can turn on Main Display to be used as a mirror.

Mirror mode OFF

To return to the idle mode press any key in the mirror mode.

*After stopping operation,
Main Display turns off
automatically after about
12 seconds.*

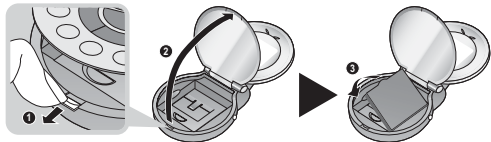
Getting Started

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.

Attaching and Removing the Battery

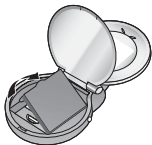
Before removing the battery, ensure that the phone is switched off and the charger is disconnected from the phone.

Attaching the battery



- 1 Pull the key body hook. The key body will lift
- 2 Open the key body
- 3 Put in the battery

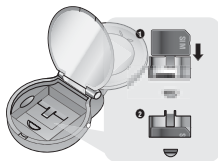
Removing the battery



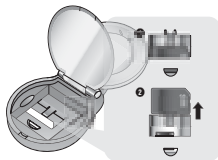
Inserting and Removing the SIM

The SIM is inserted under the battery.

Inserting the SIM



Removing the SIM



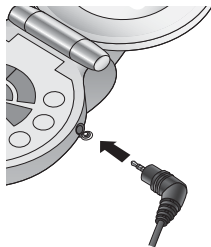
- 1 Put your finger on the tab
- 2 Remove the SIM

Charging the Battery

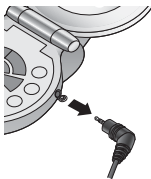
Connecting and disconnecting the Travel Charger

The battery must be fitted in the phone before the charger is connected. Insert the charger into the Charging Connector and connect the travel charger to the socket-outlet. Then the Battery Level Indicator will start scrolling. It is recommended to charge the battery for a minimum of 4 hours before first use.

NOTE: DO NOT force the connector as this may damage the phone and/or the charger. If the battery has been deeply discharged it may take some minutes until the charge indicator is displayed.



When charging is complete disconnect the charger from the wall socket before removing the plug from the Phone.



Operation of Battery Level Indicator

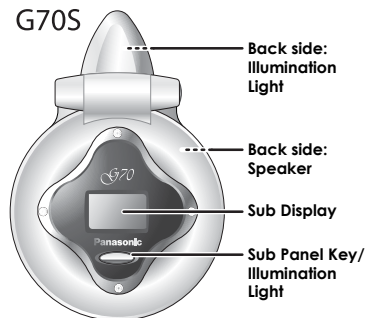
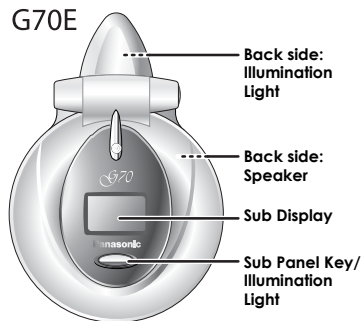
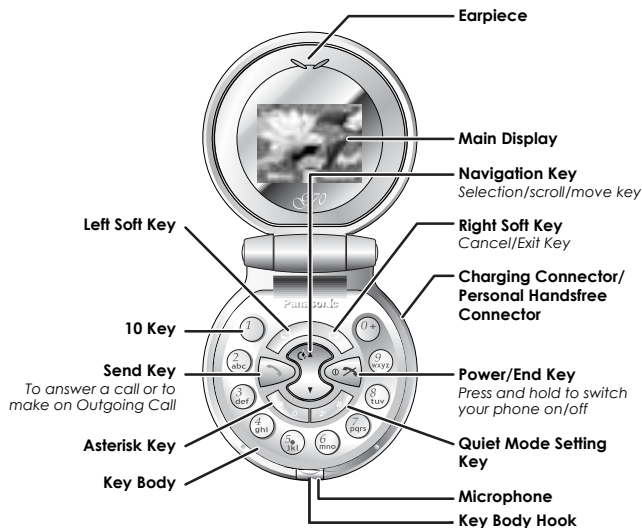
	While charging	Charging complete
Phone on		
Phone off		

NOTE: When the battery is deeply discharged, it may take some minutes until charging starts.

Low Battery Power Warning

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















Keys & Displays



- Sub Panel Key/Illumination Light is flashing when you are accessing the network.
- Back side Illumination Light is flashing like followings.

In call	Flashing slowly
Incoming call	Flashing quickly






Keys

Key	Function
	Navigation Key: Scroll or move through menus, text and phone numbers. In idle, press to  to Mirror mode ON/OFF and  to the Shortcuts.
	Left Soft key: Perform the functions displayed above the key. In idle, long press to enter to the SMS menu.
	Right Soft key/Cancel or Exit Key: Perform the functions displayed above the key. Mainly used to cancel and return to the previous menu level, or to delete text/number entries. In idle, press and hold to enter the Profiles menu.
	Numeric Key pads: Enter numbers. Press and hold one of the keys from  to  to make a Speed Dial. In text entry mode, enter text, numbers and characters. Press and hold  to enter a "+" or "P". When you need to dial an extension number, dial the phone number first and press and hold  to add a "P" then enter the extension number.
	Send Key: Make a call or answer a call. In idle mode, check the last dialled list.
	Power/End Key: End/reject a call. During key operation, press to return to the previous display. In idle mode, press and hold to switch phone on/off. In Browser mode, press and hold to end Browser mode.
	Asterisk Key: In idle, press and hold to activate Browser.
	Quiet Mode Key: In idle, press and hold to switch the Mute Mode on and off.
Sub Panel Key	Sub Panel Backlight On/Off: In idle, short press to turn on. The backlight turns off automatically. Hands Free Mode Key: When with PHF, you can accept the call. Quiet Mode Key: When Call incoming, New message, Alarm alerting and Schedule alerting, short press to turn off music.

Shortcut from Idle Screen







It is possible to enter the function directly from the Idle screen by pressing a key.

Short press

Key	Function
	Menu
	Phonebook* (Names)
	Mirror mode ON/OFF
	Shortcuts
	Last dialled record list

* The Phone must be registered with a network.

Long press

Key	Function
	Hot key dial
	Browser*
	Silent mode/Vibrate mode
	Profile menu
	Power on/off
	Messages Menu

* The Phone must be registered with a network.

Displays

Main Display



NOTE: All Screen images in the manual are simulated.

Status Icons

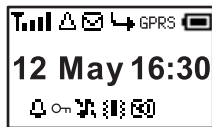
The status icons are displayed or animated according to the currently activated functions. The Antenna, Signal and Battery icons are displayed when the handset is switched

on and connected to a network. When the network level is zero, the network icon will not be displayed.

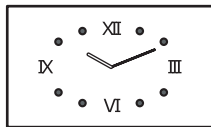
Icon	Indication
	Indicates it is possible to make emergency call
	SIM supports CPHS and Line 1 is selected in Phone Option menu
	Signal strength
	Registered to a non-home network – roaming
	Call divert is on
	Key Guard is enabled
	Message area is full
	Unread message is stored
	Voice memo (SIM dependent)
	Alarm is set
	Silent Mode is on
	Vibration alert is on
	New voicemail is received
GPRS	The phone has GPRS functions
	Battery full level:
	– low battery

Sub Display

You can select clock for digital or analogue that can be displayed on the idle screen.



Digital clock



Analogue clock

Status icons are displayed only at the digital clock mode.

Status Icons

The status icons are displayed or animated according to the currently activated functions.

Icon	Indication
	Indicates it is possible to make emergency call
	SIM supports CPHS and Line 1 is selected in Phone Option menu
	Signal strength
	Registered to a non-home network – roaming
	Message area is full

Icon	Indication
	Unread message is stored
	New voicemail is received
	Call divert is on
GPRS	The phone has GPRS functions
	Battery full level: – low battery
	Alarm is set
	Key Guard is enabled
	Silent Mode is on
	Vibration alert is on
	Voice memo (SIM dependent)







Turning Sub Display Back Light On

From idle mode

Press Sub panel key to turn sub display back light on

How to Use this Phone

Symbols used in the Manual


Symbols	Content
	Press the Navigation key in the direction indicated by the arrow
	Press Left Soft Key
	Press Right Soft Key
	Press numeric key pads
	Press to answer a call or call a dialed number
	Press to end a call or long press to switch the phone on/off

Menu Display

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

Entering to the Menu Display

From idle screen


1  (Menu)

The main menu display has 9 menu options
(See “Menu Structure” on page 10.)

2  required menu  (Select)

OR pressing a numeric key will access a menu option directly.

Back to the Menu Display

 repeatedly until the display goes back to the Menu display.

How to Use this Phone

Menu Structure

The 9 main menus are as follows.



My Phone

- Sounds
- Display
- Language
- Alert Type
- Profiles
- User Messages
- Answer Mode
- Reset Defaults
- Shortcuts
- My Phonebook
- T9 Input
- Key Guard



Games (or STK)*

- Puddleland
- Quadball
- Exode



Phone Book

- Browse
- Create
- Group Settings
- Memory Status
- My Numbers
- Hot Key Dial
- My Phonebook



Browser

- Start Browser
- Bookmarks
- Settings



Scheduler



Messages

- Create
- Inbox
- Outbox
- Archive
- User Messages
- Memory Status
- Options
- Broadcast



Phone Option

- Call Service
- Call Divert
- Security
- Network
- CSD Setting
- GPRS Setting
- GPRS Info



Applications

- Games
- Biorhythm Calendar (STK)*
- Clock
- Calculator
- Currency
- Melody Composer
- Sound Folder
- Picture Folder



Records



- Last Dialed
- Answered
- Unanswered
- Erase Records

* STK (SIM Application Tool Kit) is SIM dependent.

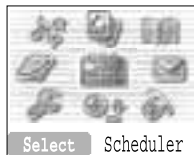
Phone Basics


Phone ON/OFF



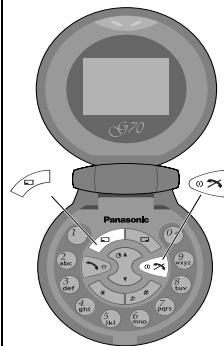
- 1 Press and hold  for 2 to 3 seconds
- 2 Phone will display Idle mode
- 3 Press and hold  again to turn the power off

Displaying Menu



- From idle mode
 to access Menu


Menu will be displayed
(Menu may change depending on your SIM)



Making Calls


- > To make a call, start in Idle mode.

Standard Dialling

1 Enter phone number 


- > The dialled number is displayed.

2 When the other party answers, talk into the Microphone.


3 To hang up, 


- > The length of the call is displayed.
- > When **Max Cost** is on, the remaining units will be displayed.
For setting the **Max Cost**, please refer to “Setting the Maximum Cost:” on page 71.

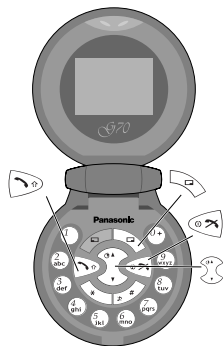
Earpiece Volume:

During a call;  to adjust earpiece volume

Phonebook Dialling



1  (Names)

2  required phone number 




Last Number Dialling


1 

2  required phone number 

International Dialling


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

1 Press and hold  until “+” is displayed then enter country/region code


2 Enter area code and phone number 

NOTE: Many countries/regions include an initial “0” in the area code. This should, in most cases, be omitted when dialling international numbers. If you have difficulties making international calls, contact your service provider.


Emergency Call

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

When SIM is inserted;

enter emergency number 112 

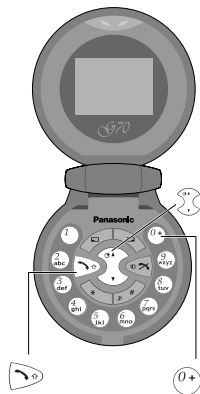
When SIM is not installed;

enter emergency number 112 

OR

 (SOS) > **“Emergency Call”**  (Yes)

NOTE: Making Emergency calls without a SIM is country or network operator dependent.



Answering Calls



OR

When “Any Key Answer” is ON,

From Idle menu

press any key except

(See “Setting Any Key Answer” on page 33)

OR

When “Unit Open Answer” is ON, open the phone to answer incoming call. Close the phone to end the call.

Ring Volume:

From **My Phone** menu

1 **Sounds > Volume** (Select)

2 Adjust the volume level (OK)

Quick Touch Silent Mode:

To quickly set the ring tone off (🔕) and the vibrator on, press and hold or press sub panel key in conversation mode to turn on silent mode (🔕).

One Click Mute on Incoming Call:

To set the ring tone and the vibrator off,

1 (Mute)

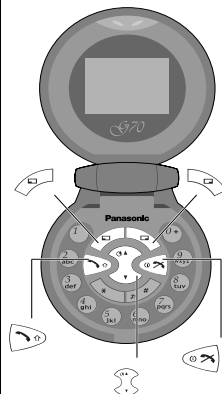
If you want to reply the call,

2 (Reply)



- If you want to reject the call, (Reject).







PHF:

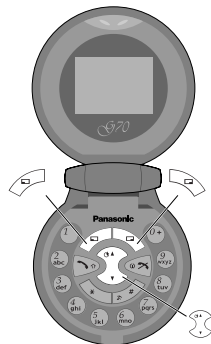
When you use the PHF, press the sub panel key to answer your call.



In-Call Options

During a call,  (Menu) or  (Hold)

 (Menu)	Conference	Enable to make a conference call. You can talk with up to 5 parties.
	Call Transfer	Connect your calling party to the other party you are holding, then disconnect your line. (SIM dependent)
	Phone Book	Open SIM Phonebook or Mobile Phonebook
	Messages	Create, check and send a message when you are talking. Please refer to "Creating a New Short Text Message" on page 55.
	Call Status	 (End) to disconnect a line with the activating party.  (Hold) to put a call on hold with the activating party. To resume,  (Back) again.
 (Hold)	Hold	Put a call on hold. To resume,  (Back) (SIM dependent)



DTMF Tones


DTMF tones can be sent during conversation. These are often used to access voice mail, paging and computerised home banking. For example, you may need to input a number to access voice mail messages. A phone number may be stored in Phone Book with DTMF tones, allowing the number to be dialled upon recall and the DTMF number to be sent automatically.

Send DTMF Tones During a Call:

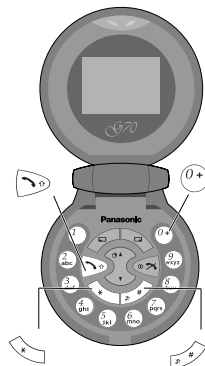
Enter digits (0+ ~ 9 xyz, *, #)

Pause Dial

Using pauses allows you to send DTMF tones automatically.

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





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









Incoming Call While in a Call

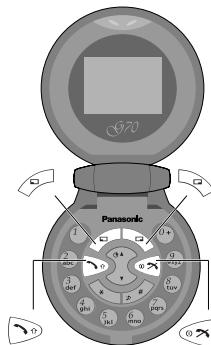
NOTE: Call waiting must be on – see “Setting Call Waiting” on page 69. Call waiting is network dependent.

During a call, you may receive another call:

- 1 To answer another call,  (First call is placed on hold.)
To disconnect another call,  (Reject)
- 2 During a conversation with a second caller,  (Menu) or  (Swap) and select one from the following options:


 (Menu)	Conference	Enable to make a conference call. You can talk with up to 5 parties.
	Call Transfer	Connect your calling party to the other party you are holding, then disconnect your line. (SIM dependent)
	Phone Book	Open SIM Phonebook or Mobile Phonebook
	Messages	Create, check and send a message when you are talking. Please refer to “Creating a New Short Text Message” on page 55.
	Call Status	 (End) to disconnect a line with the activating party.  (Hold) to put a call on hold with the activating party. To resume,  (Back) again.
 (Swap)	Swap	Switch between two connected calls

To end a conference call and all connections: 



Making a Second Call

During a call:

Enter second phone number or select a phone number from Phone Book 

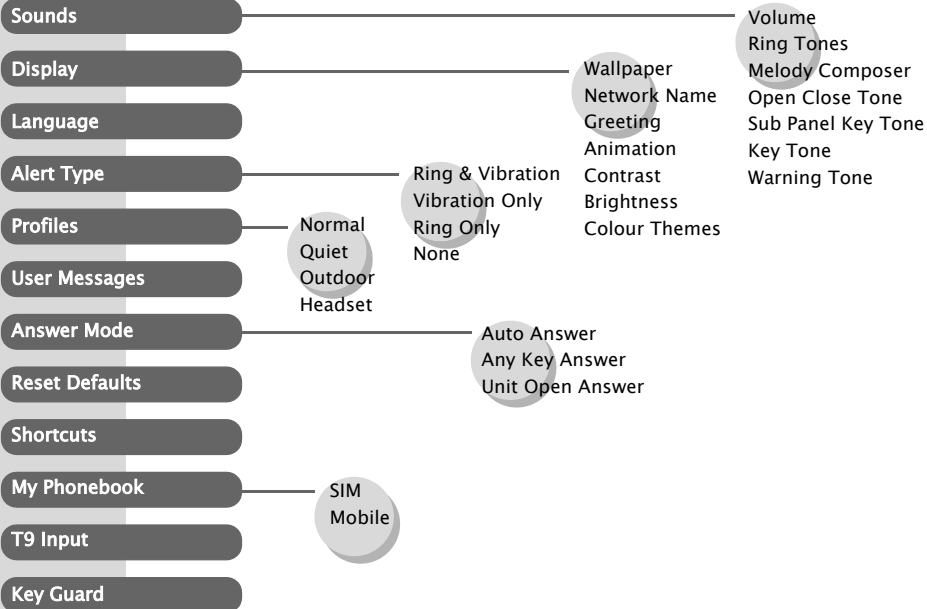
(To access Phone Book, see page 17, "Incoming Call while in a Call".)

The first call is put on hold.

NOTE: Making a second call is network dependent.

My Phone Menu Structure







My Phone



Sounds









Changing the Volume

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Volume**  (Select)
- 3  adjust the volume level  (OK)

Changing the Ring Tone














From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Ring Tones**  (Select)
- 3  **Any Call, Group Calls, Alarm or Messages**  (Select)
- 4  required ring tone  (Select)





Composing a Melody

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Melody Composer**  (Select)
- 3  required **My Music**  (Menu)
- 4  **Edit**  (Select)
- 5  required track  (Menu)
- 6 Compose your melody – See the notes chart below >  (Menu)
- 7  **Save**  (Select)












You can arrange the **Tempo** and select an instrument (**Select Instrument**) before saving.

Using the following table as a reference, enter notes (from the choice of low, middle and high), rests, and duration of each, to generate your composition. Main Track and Sub Tracks are combined when you return to **My Music**.

Key	1	2 abc	3 def	4 ghi	5 jkl	6 mno
Func	C	D	E	F	G	A
Key	7 pqrs	8 tuvw	9 xyzz	0+		
Func	B	Rep.	Dotted note	Rest	Duration	Low # Middle # High #





Rename a melody:

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Melody Composer**  (Select)
- 3  required music  (Menu)
- 4  **Rename**  (Select)
- 5 Enter a name
 - > To erase a letter,  (Clear).
 - > To erase all letters, press and hold  (Clear).
- 6  (OK)








Set to Ringtone:

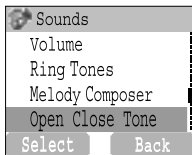
From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Melody Composer**  (Select)
- 3  required music  (Menu)
- 4  **Set to Ringtone**  (Select)

Viewing a melody information:

From **My Phone** menu







- 1  **Sounds**  (Select)
- 2  **Melody Composer**  (Select)
- 3  required music  (Menu)
- 4  **Info**  (Select)



Open Close Tone







Set to Unit Open:

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Open Close Tone**  (Select)
- 3  **Open**  (On/off)





Set to Unit Close:

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Open Close Tone**  (Select)
- 3  **Close**  (On/off)

Setting Sub Panel Key Tone

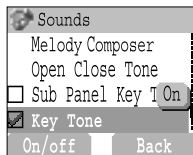
From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Sub Panel Key Tone**  (On/off)

Setting Key Tone

From **My Phone** menu

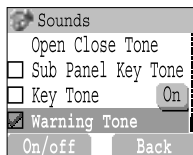
- 1  **Sounds**  (Select)
- 2  **Key Tone**  (On/off)



Setting Warning Tone

From **My Phone** menu

- 1  **Sounds**  (Select)
- 2  **Warning Tone**  (On/off)










Warning Tone informs you of the followings.

- Low Battery
- Network camp on

Display

Setting Wallpaper

From **My Phone** menu

- 1  **Display**  (Select)
- 2  **Wallpaper**  (Select)
- 3  required Wallpaper  (Select)
- 4  (On/off)







Setting Network Name

From **My Phone** menu

- 1  **Display**  (Select)
- 2  **Network Name**  (On/off)

Setting Greeting

From **My Phone** menu

- 1  **Display**  (Select)
- 2  **Greeting**  (Edit)
- 3 Enter the Greeting  (OK)
- 4  (On/off)

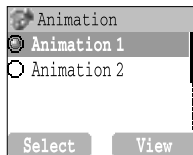


You can change the wallpaper in idle mode.







This function is dependant on the country and region where the phone was purchased.

You can create a greeting message that is displayed each time the phone is powered on.

Setting Display Animation









From **My Phone** menu

- 1  **Display**  (Select)
- 2  **Animation**  (Select)
- 3  required Animation  (Select)

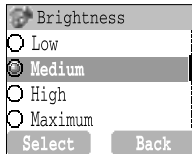
Setting Display Contrast

From **My Phone** menu







- 1  **Display**  (Select)
- 2  **Contrast**  (Select)
- 3  adjust the contrast  (OK)

You can change the animation on the display when the phone is switched on.

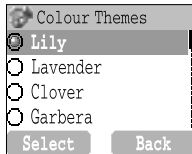
Setting Brightness









From **My Phone** menu

- 1  **Display**  (Select)
- 2  **Brightness**  (Select)
- 3  required level  (Select)

Setting Colour Themes



From **My Phone** menu





- 1  **Display**  (Select)
- 2  **Colour Themes**  (Select)
- 3  required colour  (Select)

You can change the Colour Themes on the display.

Language

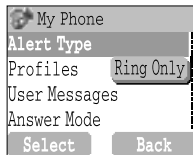
Changing the Language

From **My Phone** menu

- 1  **Language**  (Select)
- 2  required language  (Select)

It is possible to change the language that the phone uses for display messages.

Alert Type



Changing Alert Type

From **My Phone** menu

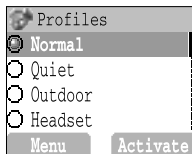
- 1  **Alert Type**  (Select)
- 2  required Alert type  (Select)

When required, the phone can be set up to vibrate and/or ring when a call is received.

You can change Alert Type:







- **Ring & Vibration**
- **Vibration Only**
- **Ring Only**
- **None**

Profiles



Activating a profile











From **My Phone** menu

- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Activate**  (Select)

Editing profiles

Ring Volume

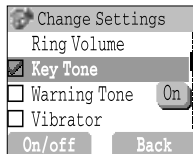
From **My Phone** menu









- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Change Settings**  (Select)
- 4  **Ring Volume**  (Select)
- 5  adjust the volume level  (OK)

You can switch between four profiles in your phone each with a distinct combination of alert method, ring tone, etc. Profiles are set up for use in different environments – for instance you might want to create **Normal** profile for everyday setting, **Quiet** profile with ring tone appropriate for formal occasions, **Outdoor** profile for loud environments and **Headset** profile with vibrator when it is difficult to hear the ring tone.

Key Tone

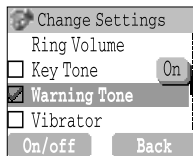
From **My Phone** menu











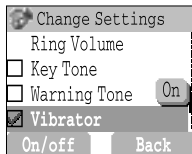
- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Change Settings**  (Select)
- 4  **Key Tone**  (On/off)

Warning Tone

From **My Phone** menu











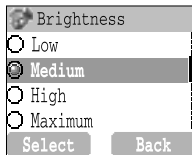
- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Change Settings**  (Select)
- 4  **Warning Tone**  (On/off)



Vibrator











From **My Phone** menu

- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Change Settings**  (Select)
- 4  **Vibrator**  (On/off)



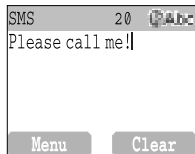
Brightness

From **My Phone** menu











- 1  **Profiles**  (Select)
- 2  required profile  (Menu)
- 3  **Change Settings**  (Select)
- 4  **Brightness**  (Select)
- 5  **Medium, High, Maximum or Low**  (Select)

User Messages

Editing User Messages



From **My Phone** menu

- 1  **User Messages**  (Select)
- 2  required message or empty space  (Select)
- 3 Enter your message  (Menu)
 - > To erase a letter,  (Clear).
 - > To erase all letters, press and hold  (Clear).
- 4  **Save and Send** or **Save**  (Select)
- 5 When **Save and Send** is selected, enter destination phone number  (OK)

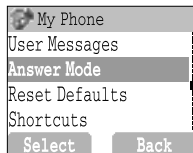
NOTE: If the text is wider than the screen display, the text will scroll.





There are 10 pre-set common user messages and 5 empty spaces to create your own messages. You can also set User Messages at **User Messages in Message** menu – see “Editing User Messages” on page 59.

Answer Mode

Setting Auto Answer

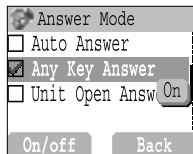
From **My Phone** menu







- 1  **Answer Mode**  (Select)
- 2  **Auto Answer**  (On/off)

Setting Any Key Answer





From **My Phone** menu




- 1  **Answer Mode**  (Select)
- 2  **Any Key Answer**  (On/off)

Setting Unit Open Answer

From **My Phone** menu

- 1  **Answer Mode**  (Select)
- 2  **Unit Open Answer**  (On/off)

Auto answer can be set. To use this function, the personal handsfree earpiece needs to be connected to the phone.

Calls can be answered by pressing any key (except , sub panel key).

Quick touch silent mode will be set when you press sub panel key.



Reset Defaults

Resetting Defaults

From **My Phone** menu

- 1 **Reset Defaults** (Select)
- 2 **“Restore Factory Settings?”** (No) or (Yes)

All personal settings can be returned to their factory default settings.

Shortcuts

Setting Shortcuts

From **My Phone** menu

- 1 **Shortcuts** (Select)
- 2 required shortcuts (On/off)

*Shortcuts can be selected from the following options: **Browser, Games, Phone Book, Language, Alert Type, Sounds, Wallpaper, Profiles, Alarm, Calculator, Scheduler, Inbox, Create, Clock Setting and Currency** to appear in your shortcuts menu.*

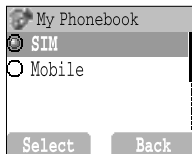
Access to Shortcuts:

From Idle mode

- required shortcuts (Select)

My Phonebook

Setting SIM or Mobile Phonebook



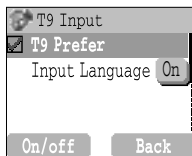
From **My Phone** menu

- 1  **My Phonebook**  (Select)
- 2  **SIM or Mobile**  (Select)









You need to select between SIM Phonebook or Mobile Phonebook. This can also be set by selecting Phonebook menu, My Phonebook, SIM or Mobile.

T9 Input

Setting T9 Input



From **My Phone** menu

- 1  **T9 Input**  (Select)
- 2  set **T9 Prefer** on  (On/off)
- 3  **Input Language**  (Select)
- 4  required language  (Select)

See "Shift mode" on page 65 for detail.



When you create a text, this function helps to dramatically reduce the number of key presses.



Key Guard

Setting Key Guard

From **My Phone** menu



1  **Key Guard**  (Select)


2  (Yes) or  (No)

- > When Key Guard is enabled, **On** appears on the display.
- > Emergency calls are still available.
- > When a call is received Key Guard will be disabled temporarily, and you can answer the call.

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

Disabling Key Guard

When **On** appears on the display,

1  (Free)

2 **"Press OK to Free keypad"**  (OK)

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

Games Menu Structure

Games
(or STK)*



Puddleland

Quadball

Exode

* STK (SIM Application Tool Kit) is SIM dependent.



Selecting Games

From **Games** menu

required game (Select) from **Puddleland**, **Quadball** and **Exode**.

NOTE: Once the power is turned off, High scores or Best scores are lost.

Puddleland

Key Operation:

or (move left), or (move right),
 or or (down), or or (jump),
 (swallow and spit out), (Quit), or (pause).

Starting Games:

Select **Start** by using .



You can't help to fall in love with the cute little frog-making his way by swallowing his enemies and spitting them out again. Even the monsters are adorable. But don't be mistaken, by the brilliant and lovable characters, this is a challenging platform game, were you need to stay on your toes if you want to stay ahead.



Quadball



Key Operation:

2 (left), 9 (right), 4 (Rotate Left), 0+ (Rotate Right),
 3 or 3 (Quickly down), (Quit), or (pause).

Starting Games:

Press (Start) to start the game.

Exode



Key Operation:

2 (left), 9 (right), (start/Fire), (Quit),
 or (pause).

Starting Games:

Press (Start) to start the game.

NOTE: If SIM card provides SIM Application Toolkit services, this menu will become the STK Menu. You can still access Games from Applications.

- Tetris type puzzle game
- You direct the differently coloured bubbles, and they merge with bubbles of the same shape.
- Break out type of game
- The ball bounces off the walls and the bar that you control.
- As you destroy the bricks, you pick up the objects that fall down.

Phone Book Menu Structure

Phone Book



Browse

Create

Group Settings

Memory Status

My Numbers

Hot Key Dial

My Phonebook

SIM Phonebook
Mobile Phonebook






SIM Phonebook
Mobile Phonebook

SIM
Mobile

Storing

Storing a Number in SIM

From **Phone Book** menu



















- 1  **Create**  (Select)
- 2 **SIM Phonebook**  (Select)
- 3 Enter **Name**  > **Phone**
- 4  (Save)

> “**Saved in SIM**” is displayed.

NOTE: The length and amount of data is SIM dependent.

Storing a Number in Mobile Phonebook

From **Phone Book** menu

- 1  **Create**  (Select)
- 2  **Mobile Phonebook**  (Select)
- 3 Enter **Name** 
- 4 Enter Phone Numbers (**Phone, Tel./office, Tel./mobile**) 
- 5  (Set)  required **Caller's ID Image**  (Select) 
- 6  (Set)  required **Groups**  (Select) 
- 7  (Set)  required **Melodies**  (Select)
- 8 When entries are completed,  (Save)

> “**Saved in Mobile**” is displayed.

Phone numbers can be stored in SIM or in your phone.

In the SIM, you can store or select:

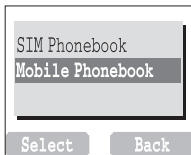
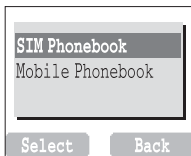
- **Phone number**
- **Name**

If you want to store a fixed dial number, see page 42.

In the phone, you can store:

- **Name**
- **3 Phone Numbers** (**Phone, office, mobile**)
- **Caller's ID**
- **Groups**
- **Melodies**

The entries can be grouped together and these are retained even if you damage the SIM.





Storing a Fixed Dial Number in FDN

To store a fixed dial number, you need to enter PIN2 code.

From **Phone Book** menu

- 1 **Create** (Select)
- 2 **SIM Phonebook** (Select)
- 3 Enter **Name** > **Phone** number
- 4 **SIM** (Set)
- 5 **FDN** (Select)
- 6 (Save)
- 7 Enter PIN2 code > (OK)



*Fixed Dial is one of the functions in SIM Phonebook. Only the numbers in **FDN** can be dialled.*



To activate this function, you need Fixed Dial set to on. See page 76.

Viewing

Browsing the Phone Book

From **Phone Book** menu



1  **Browse** > **SIM Phonebook** or **Mobile Phonebook**  (Select)



2  Search the name you wish to browse  (View)

You can search
Phonebook by name.

Options in Phone Book

From **Phone Book** menu

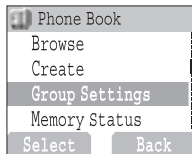
1  **Browse** > **SIM Phonebook** or **Mobile Phonebook**  (Select)

2  required phone number  (Menu)



The following options are available by pressing  (Select)


Edit	<i>Edit the selected Phone Book entry</i>
Delete	<i>Delete the selected Phone Book entry</i>
Delete All	<i>Delete all Phone Book entries</i>
Copy to Mobile/SIM	<i>Copy the selected Phone Book entry to Mobile/SIM Phonebook</i>
Copy All to Mobile/SIM	<i>Copy all Phone Book to Mobile/SIM Phonebook</i>
Search	<i>Search for a desired item in Mobile/SIM Phonebook by entering the name.</i>

Group Settings




From **Phone Book** menu

1  **Group Settings**  (Select)

2  required Group  (Menu)

The following options are available by pressing  (Select)

View Group	View Phone Book entry in the selected group
Set Ring Tone	Set required ring tone
Remove Entries	Delete all Phone Book entries in the selected group

After selecting required **Group** in step 2, you can view Phone Book entry by pressing  (View)

When there is no entry stored in the selected group, "**List Empty**" is displayed.

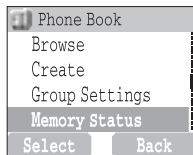
The following options are available by pressing  (Menu)

Edit	Edit the selected Phone Book entry
Delete	Delete the selected Phone Book entry
Search	Search for a desired item in the selected group by entering the name

You can categorize the items stored in the Mobile Phonebook into 5 groups; **Friends, Colleagues, Family, Others** and **VIP**.

You can select a particular ring tone for each group to identify the incoming call.

Memory Status

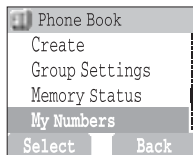


Viewing Memory Status

From **Phone Book** menu









1  **Memory Status**  (Select)

My Numbers









Setting My Numbers

From **Phone Book** menu

- 1  **My Numbers**  (Select)
- 2  required entry  (Menu)
- 3  **Edit**  (Select)
- 4 Enter your phone number 
- 5 Enter your name  (Save)

Viewing My Numbers

From **Phone Book** menu

- 1  **My Numbers**  (Select)
- 2  required entry  (Menu)
- 3  **View**  (Select)

Memory status shows how many locations are available in the Phone Book.

My Number is a handy phonebook where names and phone numbers can be stored and viewed.

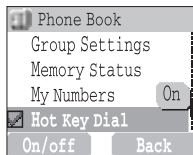
Hot Key Dial

Setting Hot Key Dial

From **Phone Book** menu

 **Hot Key Dial**  (On/off)


NOTE: This function is SIM dependent.



Making a Call by Using Hot Key Dial

From **Idle** menu

1 Press and hold a digit key (1 ~ 9)

2 Press 

My Phonebook

From **Phone Book** menu

1  **My Phonebook**  (Select)

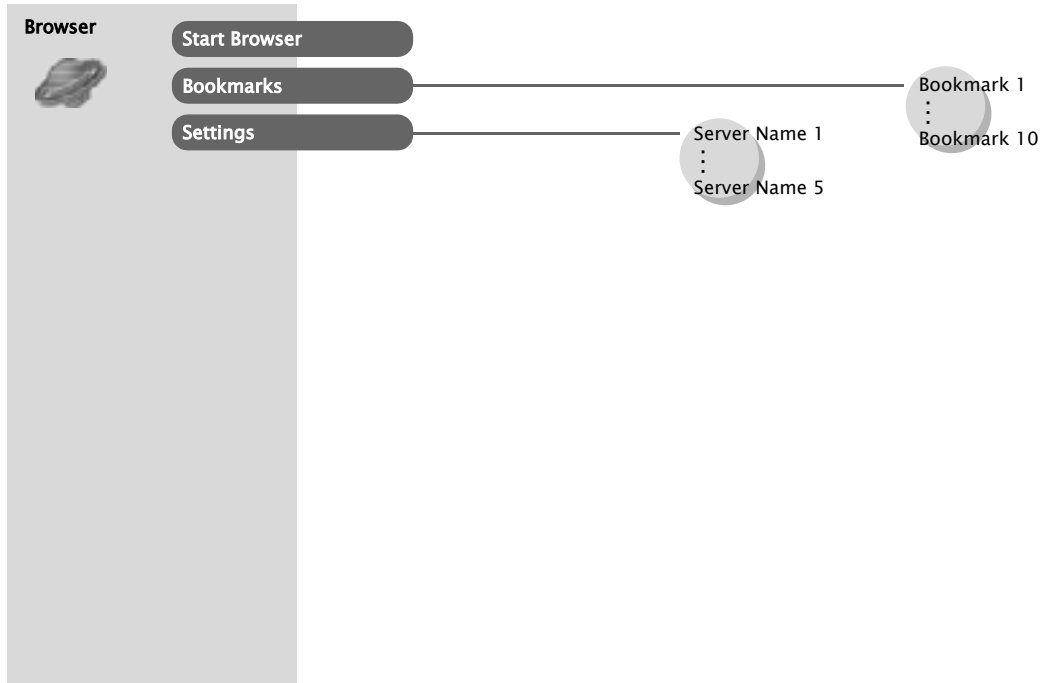
2  **SIM or Mobile**  (Select)

> Please refer to “My Phonebook” on page 35.

Phone numbers stored at locations 001 – 009 in the Phonebook can be dialled quickly.

You need to select between SIM Phonebook or Mobile Phonebook from my Phonebook.

Browser Menu Structure








Server Setting

Before Internet services can be accessed, you need to subscribe to your network operator or Internet Service Provider (ISP) to enable the relevant configuration information. Please contact your network service provider to ensure that your network settings are correct.

NOTE: Modifying the default settings may cause failure of the Browser.



From **Browser** menu

- 1  **Settings**  (Select)
- 2  to select required server  (Edit)

Five server settings can be set up in the phone. If you find your server's name under the settings option, select the server and  (Edit). If no settings are present contact your Network Service Provider for these settings. (Server Name, IP Address, IP Port, Homepage, Linger Time, Select Mode)

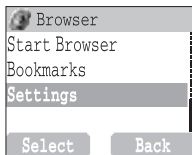
NOTE: You need to set **CSD Setting** or **GPRS Setting** in Phone Option before setting the server information.

Those configuration Options will be given by your network service provider.

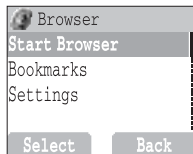
Once completing the entry, press  (Save) then press  (Activate).

The first time that the browser is activated there will be no content stored so the Home URL content will be displayed (as defined by the network operator). The Home URL will be recalled from the cache, each time the browser is activated. (Cache is the phone's memory that stores content downloaded in the past.)

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.





WAP Activating



From **Browser** menu

1  **Start Browser**  (Select)

2 Please follow the instructions on the display.

- > While browsing a homepage, press  then the following menu will be displayed.
- > To end Browser, press and hold .








Home	<i>Jump to the homepage which is set in Settings</i>
Bookmarks	<i>Select one from your bookmarks and jump</i>
Save Items	<i>Save items in your browsing homepages</i>
Reload	<i>Reload the browsing homepage</i>
Go To URL	<i>Enter a URL and jump to the homepage</i>
Show URL	<i>Display the URL of the browsing page</i>
SnapShots	<i>Capture the screen of your browsing page</i>
Advanced	<i>Inbox, Restart Browser and About are available to select</i>
Settings	<i>Scroll Mode, Downloads, Security and Send Referrer are available to set</i>

Bookmarks

Setting Bookmark







Entering URL from Browser menu:

From **Browser** menu

- 1  **Bookmarks**  (Select)
- 2  required empty Bookmark  (Menu)
- 3  **Edit**  (Select)
- 4 Enter Title and URL  (Save)

Setting Bookmark from Homepage:

From **Browser** menu

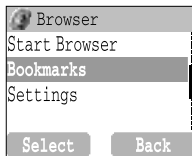
- 1  **Start Browser**  (Select)
- 2  >  **Bookmarks**
- 3 **Mark Site** > 
- 4 Enter Folder and URL
- 5  (Save)

Browsing Bookmark

From **Browser** menu

- 1  **Bookmarks**  (Select)
- 2  required Bookmark  (Launch)

Once you bookmark your favourite page, you can quickly jump to the page only by selecting the bookmark.





Scheduler

Entering a Scheduler

From **Scheduler** menu

- 1 to select **Week** or **Month** format
- 2 To select a day, press numerical keys , , 2 and 9 to move the cursor , , and to set a day (Agenda)
- 3 **<New Entry>** (Select)
- 4 Enter required information
- 5 (Save)

You can organize your schedule to remind you of a personal event, such as a holiday period or birthday. You need to set the clock, day and time before entering anything in the scheduler.

In the Scheduler, you can store:

- **Type** (Memo, Meeting, etc.)
- **Description**
- **Start Date**
- **Start Time**
- **End Date**
- **End Time**

Ensure that the setting of the Scheduler will not contravene any regulations whereby it may automatically power on when in an aircraft or medical facility, etc. – see "Important information" in Operating Instruction Part 2.

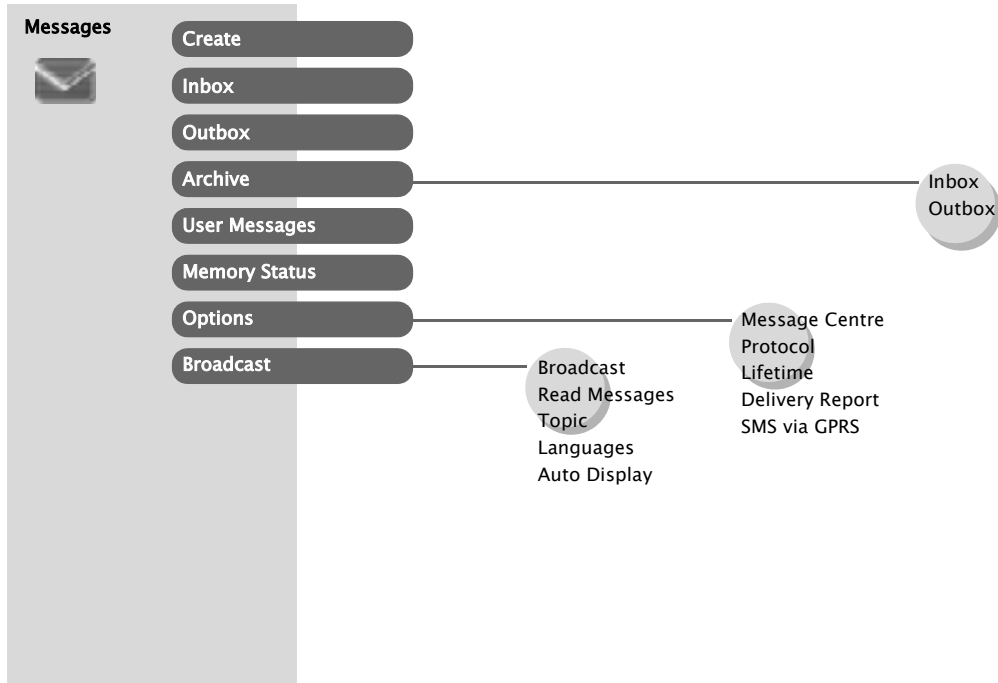


Viewing/Editing Scheduler

From **Scheduler** menu

- 1 to select **Week** or **Month** format
- 2 When Month format is selected:
Select a day marked in blue by using the numerical keys
(, , 2 and 9) (Agenda)
When Week format is selected:
Schedule icon(s) will be shown corresponding to a period
of time selected by pressing .
(Period of time: no icon = 0:00-0:59, 4 = 1:00-4:59,
8 = 5:00-8:59, 12 = 9:00-12:59, 16 = 13:00-16:59,
20 = 17:00-20:59, 24 = 21:00-23:59)
Select a day by using the numeric keys (, , 2 and 9)
 (Agenda)
- 3 required schedule (View)
- 4 To return to the previous display, (OK)
To edit (Edit), edit required information (Save)

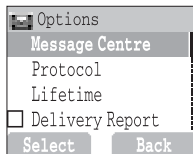
Messages Menu Structure





SMS

Setting the Message Centre Number



From **Messages** menu

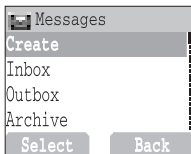
- 1 **Options > Message Centre** (Select)
- 2 Enter message centre number in international dial format
(see “International Dialling” on page 13) (OK)

NOTE: Your network operator may have pre-installed this number. Do not change this number as it may cause failure of SMS Messaging.

It is possible to receive, display, edit and/or send text messages of up to 1520 characters in ten messages (depending on the language), to the network that has a roaming agreement. (Depending on the recipient's phone Options.) Before sending a message, you need to enter the Message Centre number into Options.



Creating a New Short Text Message



From **Messages** menu

- 1 **Create** (Select)
- 2 Create your text message – max. 1520 characters
(see “Text Entry” on page 64) (Menu)

3 **Send** (Select)

4 Enter the destination phone number (OK)

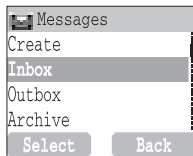
OR

Recall a number from the Phonebook (Names) >

required name (Select) > (OK)

When you create a text, these options are available by (Menu).

Send	Send a text as Short Text message
Save	Save a text in Outbox in SIM
Save and Send	Save a text in the Outbox in SIM and send
Picture & Sound	Add picture and/or sound to a text
User Messages	Use a short message stored in the phone For editing the User Message, see “Editing User Messages” below



Reading a Received Message

From **Messages** menu

- 1 **Inbox** (Select)
- 2 required message (Read)

> Inbox: The received message will be stored in **Inbox**.

NOTE: If the message indicator is displayed constantly (does not flash), this means that the message area is full and you need to delete old messages in order to receive new messages.

When reading messages, the following options are available by (Menu)

Delete	Delete a message
Reply	Create a replying SMS
Forward	Forward a message to another phone
Edit	Edit a message and save and/or send to another
Delete All	Delete all messages in Inbox
Extract Number	Extract numbers in messages and save in Phonebook
Move to Archive	Move a message into Inbox in Archive
Hyperlink	Link to a URL in a received message

When a Short Text Message is received, the message indicator will flash on the display and a user preset audible alert will sound. If you are in a call you will be alerted by the vibrator.

flashes when an unread message is received in the Inbox.

When the Inbox is full, will remain until old messages are deleted.





Viewing Message Lists in Outbox


To view message lists which are stored in SIM.

> Outbox: The transmitted message will be stored in **Outbox**.

From **Message** menu

1  **Outbox**  (Select)

2  required message  (Read)

While you are reading a message, the following options are available by  (Menu)

Delete	Delete a message
Edit	Edit a message and save and/or send to another
Send	Send a SMS message after entering a recipient number
Delete All	Delete all messages in Outbox
Extract Number	Extract numbers in messages and save in Phonebook
Move to Archive	Move a message from Outbox to Outbox in Archive









Viewing Message Lists in Archive

To view message lists which are stored in Archive.

- > **Inbox:** When a message in Inbox is saved, the message will be saved to **Inbox** in **Archive**.
- > **Outbox:** When a transmitted message in Outbox is saved, the message will be saved to **Outbox** in **Archive**.

From **Message** menu

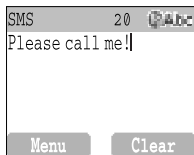
- 1 **Archive**  (Select)
- 2  **Inbox/Outbox**  (Select)
- 3  required message  (Select)

When reading a message, the following options are available by  (Menu)

Delete	<i>Delete a message</i>
Edit	<i>Edit a message and save and/or send to another</i>
Forward (Inbox)/ Send (Outbox)	<i>Forward/Send a message to another phone</i>
Delete All	<i>Delete all messages in Inbox/Outbox</i>



Editing User Messages

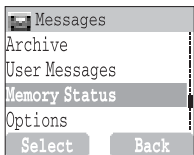


From **Messages** menu

- 1 **User Messages** (Select)
- 2 required message (Select)
- 3 Edit the message (Menu)
 - Save and Send** or **Save** (Select)

NOTE: When the text is wider than the screen display, the text will scroll.

Viewing Memory Status



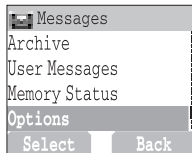
From **Messages** menu

- 1 **Memory Status** (Select)

Memory status shows how many locations are left to store messages in the Inbox.



Options



Setting Options

From **Messages** menu

 **Options**  (Select)

NOTE: In the area where GPRS is not supported, SMS may not be sent when SMS via GPRS is on.

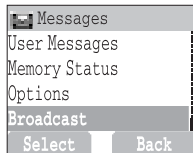
The following options are available:

Message Centre	<i>Edit Message Centre number</i>
Protocol	<i>Select required Message Type from Standard Text, Fax, X.400, Paging, E-mail, ERMES, Voicemail</i>
Lifetime	<i>This is the duration that your message is stored in Message Centre</i>
Delivery Report	<i>Request a delivery report on the status of a sent message</i>
SMS via GPRS	<i>Send a Short Text message via GPRS</i>



Broadcast

Setting Broadcast



From **Messages** menu

- 1 **Broadcast** (Select)
- 2 **Broadcast** (On/off)

Setting Topic

From **Messages** menu

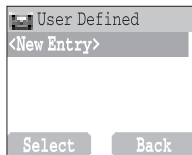
- 1 **Broadcast** > **Topic** > **Current** > (Select)
- 2 required Topic (Menu)
- 3 **Add** or **Delete** (Select)

You can receive your favourite information regularly from your service provider.
 You need to specify the "topic(s)" of information and the language that you wish to receive. To receive the broadcasts, "Broadcast" needs to be on.

No topic will appear on the display until you have registered.



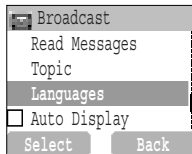
Setting User defined Topic



From **Messages** menu

- 1 **Broadcast** > **Topic** > **User Defined** > **<New entry>** (Select)
- 2 **Enter Msg ID** (OK)
- 3 **Enter Name** (OK)
- 4 **Current** (Select)
- 5 **<Add Topic>** (Select)
- 6 required **Topic** (Select)

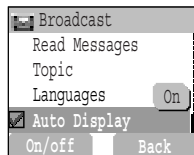
Setting Language



From **Messages** menu

- 1 **Broadcast** (Select)
- 2 **Languages** (Select)
- 3 required language (Select)
- 4 To continue to add languages;
 - Insert** (Select)
 To complete adding languages;
 - Add to End** (Select)

To remove a language, select **Delete**.



Setting Auto Display

From **Messages** menu

- 1 **Broadcast** (Select)
- 2 **Auto Display** (On/off)

Viewing Broadcast

From **Messages** menu














- 1 **Broadcast** > **Read Messages** (Select)
- 2 To scroll to the available topics (Next)

NOTE: This function will depend on your Network Service Operator.

In idle mode, the latest Info Message is displayed on your phone automatically.

Text Entry

You can use alphanumeric characters to enter details into the Phonebook, to create text, etc.

Key	Text Mode		Numeric (0 ~ 9)
	T9® (T9Abc, T9abc, T9ABC) (Input language: English)	Multi tap (Input mode indicator: Abc, abc or ABC)	
	Punctuation 1	Space 0 . , ? ! + - = : ; ' " ' ; _	0
	Punctuation 2	1 / () < > [] { } % ~ & (1 / () < > [] { } % ~ € &)	1
	A B C (a b c)	A B C 2 Ä (a b c 2 ä à ç)	2
	D E F (d e f)	D E F 3 É (d e f 3 é è)	3
	G H I (g h i)	G H I 4 (g h i 4 i)	4
	J K L (j k l)	J K L 5 (j k l 5)	5
	M N O (m n o)	M N O 6 Ö Ñ (m n o 6 ö ñ ò)	6
	P Q R S (p q r s)	P Q R S 7 (p q r s 7 ß)	7
	T U V (t u v)	T U V 8 Ü (t u v 8 ü ù)	8
	W X Y Z (w x y z)	W X Y Z 9 Æ Ø Å (w x y z 9 æ ø å)	9
	Shift mode	Shift mode	Shift mode
	* Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω	* Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω	*
	Alternatives/(Hold) Space # £ \$ ¥ ¢ @ \ § ^ ⌄	(Hold) Space # £ \$ ¥ ¢ @ \ § ^ ⌄	#

NOTE: Displayed characters of T9® vary depending on the selected input language.

Shift mode

Shift mode change

The Shift mode changes by pressing (within 1 sec) 

Multi tap	Tegic
Abc -> abc -> ABC -> 123	T9Abc -> T9abc -> T9ABC -> 123

If Input mode is changed, Shift mode is initialized.

Auto capital change

Auto capital affects Abc and T9Abc.

When Input mode is changed to Abc or T9Abc, the first character is input as upper case and subsequent letters as lower case.


When one of the following characters [. (Period) or ! or ?] is input before a space, the next character is input as upper case.

Tegic


User Dictionary of Tegic

When edit mode is finished, all words in the editor are registered in User Dictionary of Tegic.

Text Input







To switch On/Off T9 mode, press 

T9[®] Text Input

Using this mode of text input dramatically reduces the required number of key presses. 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. Then continue to the next word.

Example of Text Input in T9 Mode

To type a new message, follow these steps:

- 1 At the beginning of a new message press and hold  (Clear) to delete previous text, if necessary
- 2 Press  to change letter case, if necessary
- 3 Press     "Call" is displayed

Note that the displayed words change as you type, always type to the end of the word before editing.

T9[®] Languages can be selected from T9 Input – see "Setting T9 Input" on page 35.

If the word you require is not in the internal dictionary then it should be entered using the Multi tap (ABC) mode.

Other Text Modes

Select text mode (displayed in Information area on screen)

Multi tap mode (Abc, abc or ABC):

Each time a key is pressed in quick succession it displays the next character available on that key. Releasing the key or pressing another key enters the character displayed. The cursor moves to the next position.

In T9 (Abc) or Multi tap (Abc) mode, the first entered letter in a sentence is in upper case.

Phone Option Menu Structure

Phone Option



Call Service

Call Divert

Security

Network

CSD Setting

GPRS Setting

GPRS Info

Auto Network
New Network
Network List
Band Select

Call Bar
Codes
Fixed Dial
SIM Lock

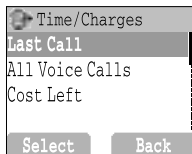
All Voice Calls
Not Reachable
No Reply
Busy
Status Check
Cancel All





Time/Charges
Call Waiting
Withhold ID
Caller's ID
Charge Settings
Line

Call Service

Viewing Time/Charges

From **Phone Option** menu

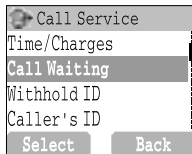





- 1  **Call Service** > **Time/Charges**  (Select)
- 2  required service **Last Call**, **All Voice Calls** or **Cost Left**  (Select)

Last Call	Display the duration of Last Call
All Voice Calls	Display the sum of the duration for all the voice calls
Cost Left	When Max Cost is on, display the remaining units. For setting the Max Cost , please refer to "Setting the Maximum Cost:" on page 71.

Setting Call Waiting

From **Phone Option** menu



- 1  **Call Service** > **Call Waiting**  (Select)
- 2 **Set**  (Select)

The duration of the **Last Call** and **All Voice Calls** will be displayed. When the **Max Cost** is on, the remaining units will be displayed.

When **Call Waiting** is switched on, a second call can be received. Turn this function on before making a multiparty call.



Setting Withhold ID

From **Phone Option** menu

- 1 **Call Service** (Select)
- 2 **Withhold ID** (Select)

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

Setting Caller's ID

From **Phone Option** menu

- 1 **Call Service** (Select)
- 2 **Caller's ID** (Select)

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

Charge Settings

Setting Currency:

From **Phone Option** menu

- 1 **Call Service** > **Charge Settings** (Select)
- 2 **Currency** (Select)
 - > Current Setting is displayed.
- 3 (Set) > Enter PIN2 code (OK)
- 4 Enter currency units (max.3 characters) (OK)

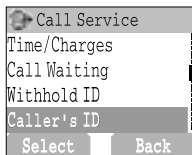
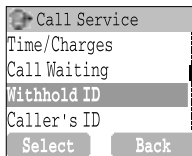
Withhold ID allows you to prevent showing your name and/or number to your calling party. You can also select **Cancel** or **Check status**.

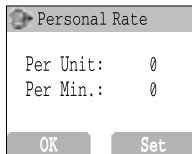
Caller's ID allows to display Caller's name and/or number on your display. You can also select **Cancel** or **Check status**.

The list of picture files used in **Caller's ID** can be viewed in Viewing Picture of Caller's ID on "Viewing Picture of Caller's ID:" on page 89.

Firstly, Personal rate must be entered. This is the cost that the Service Provider charges for one unit of call time.






NOTE: Charge Settings is SIM dependent.



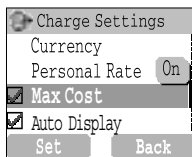


Setting Personal Rate:

From **Phone Option** menu











- 1  **Call Service** > **Charge Settings** > **Personal Rate**  (Select)
- 2  (Set)
- 3 Enter PIN2 code  (OK)
- 4 Press required personal rate  (OK)

NOTE: When you set the unit price, you are asked to enter your PIN2.



Setting the Maximum Cost:

From **Phone Option** menu

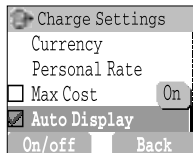
- 1  **Call Service** > **Charge Settings**  (Select)
- 2  **Max Cost**  (Set)
> Current setting is displayed.
- 3  (Edit) > Enter PIN2 code  (OK)
- 4  (Set) >  **On**  (Select)
- 5 Enter **Credit Limit** >  (OK)

NOTE: The duration of one unit may vary between peak and off-peak times. Call charges can be calculated accordingly. However, the actual tariffs charged from your service provider may not be reflected in the calculation.

NOTE: This function is SIM dependent.

You can set the maximum cost of calls allowed.

NOTE: This function is SIM dependent.



Setting Auto Display

From **Phone Option** menu

- 1 **Call Service** > **Charge Settings** (Select)
- 2 **Auto Display** (On/off)

Setting Phone Line

From **Phone Option** menu

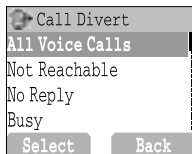
- 1 **Call Service** > **Line** (Select)
- 2 **Line 1/Line 2** (Select)

NOTE: This function is SIM dependent.

In idle mode, the latest incoming call is displayed on your phone automatically.










This menu is selectable only if your SIM supports CPHS and Line 1/2.

Call Divert




Setting Call Divert

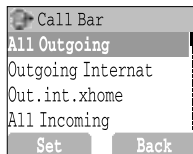
From **Phone Option** menu

- 1  **Call Divert**  (Select)
- 2  Select the circumstances to initiate the divert  (Select)
- 3  required operation from **Set**, **Clear**, or **Check Status**  (Select)
- 4 Enter phone number to divert to 
 - > 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. ()

All Voice Calls	<i>Divert all incoming voice calls</i>
Not Reachable	<i>When phone is disconnected, divert incoming voice calls</i>
No Reply	<i>If call is not answered, divert incoming voice calls</i>
Busy	<i>When a call is in progress, divert incoming voice calls</i>
Status Check	<i>Check the current Call Divert status</i>
Cancel All	<i>Cancel all Call Divert settings</i>








Voice calls can be diverted using different situations and to different numbers. For example, you may wish voice calls to be diverted to voicemail box when the phone is switched off.  appears when you have received new voicemail messages. This service depends on your service provider.

Security



Setting Call Bar

From **Phone Option** menu

- 1  **Security > Call Bar**  (Select)
- 2  required setting from the menus showing below 
- 3  required operation from **Set, Clear** or **Check Status**
 (Select)
- 4 Enter required password  (Select)






All Outgoing	All Outgoing calls are barred
Outgoing Internat	International Outgoing calls are barred
Out.int.xhome	International Outgoing calls except home are barred
All Incoming	All Incoming calls are barred
When Roaming	All internal incoming calls when roaming outside the home PLMN
Status Check	Call bar status is displayed
Cancel All	Cancel all Call Bar settings
Password	Change Call Bar Password

Call Barring restricts certain outgoing and/or incoming calls using a password supplied by your service provider. When updating/ checking the status of Call Bar the phone must be registered with a network.

Codes








Change Phonecode

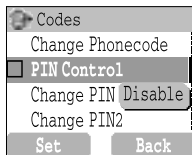
From **Phone Option** menu

- 1  **Security** > **Codes**  (Select)
- 2  **Change Phonecode**  (Select)
- 3 Enter New Phonecode  (OK) ×2

Enabling/Disabling the PIN

From **Phone Option** menu

- 1  **Security** > **Codes**  (Select)
- 2  **PIN Control**  (Set)
- 3 Enter PIN number  (OK)
- 4  **Set** to either Enable/Disable the PIN
- 5  (OK)



Setting up **Phonecode** enables your phone to temporarily disable **SIM Lock** even if you forget your PIN number or replace your SIM with another one.

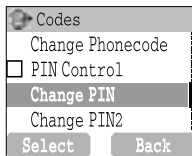
The PIN protects your SIM against unauthorised use. If you enable the PIN, every time the phone is switched on you will be prompted to enter the PIN.

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








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

Contact the service provider for the PUK/PUK2 code.

Changing the Security Code

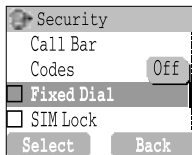


From **Phone Option** menu









- 1  **Security** > **Codes**  (Select)
- 2  **Change PIN** or **Change PIN2**  (Select)
- 3 Enter the current code  (OK)
- 4 Enter the new code  (OK)
- 5 Enter the new code to verify  (OK)

NOTE: To enter PUK code for PIN, enter **05# you will then be prompted to enter the PUK code, then follow the on-screen instructions. To enter PUK2 code for PIN2, enter **052# you will then be prompted to enter the PUK2 code, then follow the on-screen instructions. If the PUK/PUK2 code is entered incorrectly 10 times, the phone will cease to operate permanently. All information stored in the SIM will be lost and the SIM will need to be replaced. Contact the service provider for more details.

Setting Fixed Dial



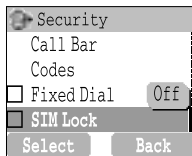
From **Phone Option** menu

- 1  **Security**  (Select)
- 2  **Fixed Dial**  (Select)
- 3 Enter PIN2 code  (OK)
- 4  (FDN)  **On**
- 5  (OK)








- > Any manually dialled phone numbers must be the same as the numbers in the Fixed Dial Store.
- > A phone number may be stored, edited or deleted. You will be prompted for your PIN2 code.

Fixed Dial is a part of the SIM Phonebook, but with added security. Only numbers stored in your SIM Phonebook can be selected for FDN dialling. To enter fixed dial numbers, see page 42.

Setting SIM Lock



From **Phone Option** menu






- 1  **Security**  (Select)
- 2  **SIM Lock**  (Select)
- 3 Enter Phonecode  (OK)
- 4  **Set** to either Enable/Disable the SIM Lock
- 5  (OK)

NOTE: You are advised to write down your Phonecode. In case you forget your phonecode, you will need to contact your service provider to unlock the SIM.

Network

Network setting

From **Phone Option** menu

- 1  **Network**  (Select)
- 2  required option  (On/off) or  (Select)

Auto Network	Set "Auto Network" On or Off
New Network	When "Auto Network" is on; Search an available network automatically. When "Auto Network" is off; Select a network manually
Network List	Create and edit a network list according to your preferences.
Band Select	Choose a network band: 900/1800, 900/1900, 900, 1800, 1900 MHz

You can select a network that is available in your current location.

NOTE: This function is AWS SIM dependent



CSD Setting

Connection Setting

You can set CSD setting when connecting to network.

From **Phone Option** menu

- 1 **CSD Setting** (Select)
- 2 required setting (Select)
- 3 When all the data are entered, (Save)

Server Name	Enter Server Name
Call Type	Select ISDN or Analogue
Dial Number	Enter the common numbers in Digital and Analogue
Login Name	Enter Login ID
Password	Enter Password






You need to complete CSD setting before setting your server.
See "Server Setting" on page 48.

GPRS Setting

Connection Setting

You can set GPRS setting when connecting to network.

From **Phone Option** menu

- 1  **GPRS Setting**  (Select)
- 2  required setting  (Select)
- 3 When all the data are entered,  (Save)

> When GPRS Setting is completed, the GPRS icon (**GPRS**) is displayed.

Server Name	Enter Server Name
GPRS APN	Enter Access Point Name
Login Name	Enter Login ID
Password	Enter Password
Authentication	Select Activate or Deactivate


You need to complete GPRS setting before setting your server. See "Server Setting" on page 48.





GPRS Info

Viewing GPRS Information

From **Phone Option** menu

1  **GPRS Info**  (Select)

2 To reset to GPRS Info;

 (Reset) >  (Yes)

Applications Menu Structure

Applications



Games

Puddleland
Quadbball
Exode

Biorhythm Calendar

STK*

Clock

Clock Setting
Alarm
Power Off Time
Sub Panel Clock

Calculator

Currency

Rate Setting
Rate Computing

Melody Composer

Sound Folder

Predefined
Downloaded
Memory Status

Picture Folder





Wallpaper
Caller's ID
Memory Status

* STK (SIM Application Tool Kit) is SIM dependent.

Games










From **Applications** menu

- 1  **Games**  (Select)
- 2  required game  (Select)

> Please refer to “Games” on page 38.

Biorhythm Calendar

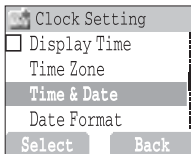
From **Applications** menu

- 1  **Biorhythm Calendar**  (Select)
- 2  (Yes)
- 3 Enter your birthday and the date to predict >  (Predict)
- 4 For further information,  (Describe) >  required description  (Select)

STK (SIM Application Tool Kit)





This function is SIM dependent.

Clock



Time & Date Setting

From **Applications** menu

- 1  **Clock** > **Clock Setting** > **Time & Date**  (Select)
- 2  (Set) enter the digits for the time  (OK)









Time Display Setting

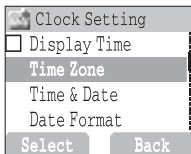
From **Applications** menu

- 1  **Clock** > **Clock Setting**  (Select)
- 2  **Display Time**  (On/off)

Time Zone Setting

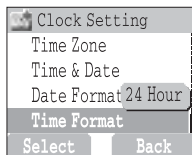
From **Applications** menu

- 1  **Clock** > **Clock Setting** > **Time Zone**  (Select)
- 2  required region  (Select)
- 3  (Yes) or  (No) to select **“Day Light Saving?”**
- 4 **“Set This City to Local”**  (OK)
- 5 **“Success!”**  (OK)







Time and date can be shown on the display in idle mode.

Before setting Time & Date, set Time Zone of your region or the city which has same time zone as your region. When travelling abroad, your home time can be changed to your destination time.



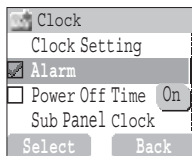
Date Format/Time Format









From **Applications** menu

- 1  **Clock > Clock Setting > Date Format** or **Time Format**
 (Select)
- 2  required format  (Select)

Alarm Setting


From **Applications** menu



- 1  **Clock > Alarm**  (Select)
- 2  (Set) > Enter the digits for the time (24 hour clock)
 (OK)
- 3  Select from **Repeat Daily**, **Once** or **Disabled**  (Select)
- 4 **“Alarm Time Has Been Updated!”**  (OK)
 - > Alarm set indicator  appears on idle display.
 - > When the set time is reached, the alarm will sound.
 When in a call the phone will vibrate without sound.

Display format for time and date can be selected.

To end alarm:







Press any key or  (Off)

OR  (Pause) to pause the alarm and start again after 5 minutes

NOTE: Even if the phone is switched off, when the Alarm is set on, the phone will automatically power on and start the alarm.

Power Off Time

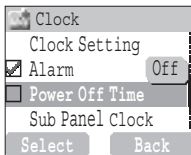
From **Applications** menu

- 1  **Clock > Power Off Time**  (Select)
- 2 Enter the digits for the time (24 hour clock)  (OK)
- 3  Select from **Repeat Daily**, **Once** or **Disabled**  (Select)
- 4 **"Power Off Time Setting Updated!"**  (OK)

Sub Panel Clock Setting

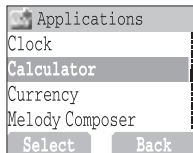
From **Applications** menu

- 1  **Clock > Sub Panel Clock**  (Select)
- 2  **Analog Clock** or **Digital Clock**  (Select)










The phone can be set to turn itself off automatically at a specified time using the Power Off feature. The procedure for setting/adjusting the Power Off automatically is similar to the Alarm setting.

Calculator

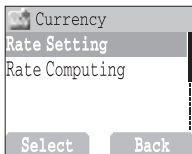


From **Applications** menu

- 1  **Calculator**  (Select)
- 2 Enter a number (maximum 7 digits) and it will be displayed on the upper right of the display. When a decimal point is required, press , when a minus sign is needed press .
- 3  to select the arithmetic operation
- 4 Enter a number (maximum 7 digits) and it will be displayed next to the operation symbol.
If  is used to select another arithmetical operation to perform, an intermediate calculation will be performed and the result displayed on the top line.
- 5  (=) to calculate







The four function calculator (addition, subtraction, multiplication and division) is available to make simple arithmetic calculations.

Currency








Setting the currency value

From **Applications** menu

- 1  **Currency**  (Select)
- 2  **Rate Setting**  (Select)
- 3 On the right side of the screen, enter your home currency rate to the currency which you want to convert with  (OK)
- 4  (Save)

Rate Computing

From **Applications** menu

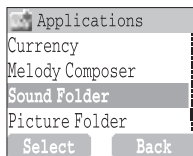
- 1  **Currency**  (Select)
- 2  **Rate Computing**  (Select)
- 3 Enter the amount of currency which you want to convert into your home currency  (Convert)

Melody Composer

Please refer to "Composing a Melody" on page 21.












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

Sound Folder








Setting Ringtone:

From **Applications** menu

- 1  **Sound Folder**  (Select)
- 2  **Predefined** or **Downloaded**  (Select)
- 3  required sound  (Menu)
 - > To see the information of the selected Ringtone,  **Info**  (Select).
 - > To return to the previous menu,  (OK).
- 4  **Set to Ringtone**  (Select)

Viewing Memory Status:

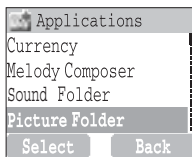
From **Applications** menu

- 1  **Sound Folder**  (Select)
- 2  **Memory Status**  (Select)
 - > **Free Space** and **Total Used** are displayed.
 - > To back to the previous menu,  (OK).

The sound folder contains predefined sound files and any downloaded sound files. You can play the sound and set one as your Ringtone.














The memory status is dependant on file sizes stored in the Melody Composer, Picture Folder and Sound Folder.

Picture Folder














Setting Wallpaper:

From **Applications** menu

- 1  **Picture Folder**  (Select) >  **Wallpaper**  (Select)
- 2  **Predefined** or **Downloaded**  (Select)
- 3  required picture  (Menu)
 - > To see the large picture,  **View**  (Select)
 - > To return to the previous menu,  (Back)
- 4  **Set to Wallpaper**  (Select)

Viewing Picture of Caller's ID:

From **Applications** menu

- 1  **Picture Folder**  (Select) >  **Caller's ID**  (Select)
- 2  **Predefined** or **Downloaded**  (Select)
- 3  required picture  (Menu)
- 4  **View** or **Info**  (Select)
 - > To return to the previous menu,  (Back)

You can find lists of predefined pictures and downloaded pictures in both Wallpaper folder and Caller ID folder. You can view those pictures, and also set one of them for the idle screen.


To set up Caller's ID, see "Setting Caller's ID" on page 70.

Viewing Memory Status:

From **Applications** menu

1  **Picture Folder**  (Select)

2  **Memory Status**  (Select)

- > **Free Space** and **Total Used** are displayed.
- > To return to the previous menu,  (OK).

The memory status is dependant on file sizes stored in the Melody Composer, Picture Folder and Sound Folder.

Records Menu Structure

Records



Last Dialed

Answered

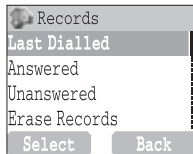
Unanswered

Erase Records

Erase Last Dialed
Erase Answered
Erase Unanswered
Erase All



Calling for the Last Dialed/Answered/ Unanswered number



From **Records** menu

1 Choose one menu from **Last Dialed**, **Answered** or **Unanswered** (Select)

OR

In idle, to view the last dialed numbers directly

2 required phone number (or name) you wish to redial

To save a record in Phonebook:

After selecting desired number,

(Menu) > **Save** (Select) > **SIM Phonebook** or **Mobile Phonebook** (Select)

Enter Name and Phone number (Save).

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

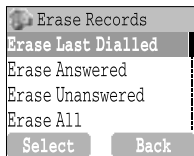
Recently dialed phone numbers will be stored in **Last Dialed**. (Max 50)

If an incoming call with **Caller's ID** is answered the number will be stored in **Answered**. (Max 50)

If an incoming call with **Caller's ID** is not answered the number will be stored in **Unanswered**. (Max 20)



Erasing Records



From **Records** menu


- 1 **Erase Records** (Select)
- 2 Choose one menu from **Erase Last Dialed**, **Erase Answered**, **Erase Unanswered** or **Erase All** (Select)
- 3 (Yes)

Troubleshooting

Should any problem persist contact your dealer.

Problem	Cause	Remedy
<i>Phone will not switch on.</i>	_____	<i>Check that the battery is fully charged and correctly connected to the phone.</i>
<i>Extremely short battery life for a new battery.</i>	<i>The network you are using and the condition of the battery can affect battery life.</i>	_____
<i>Short battery life for an old battery.</i>	<i>The battery has worn out.</i>	<i>Replace with a new fully charged battery.</i>
<i>The charging indicator does not light, the battery level indicator does not appear and the phone cannot be switched on when charging.</i>	<i>The battery is not attached to the phone or when the battery has been deeply discharged the phone will take a short time until the indicator lights.</i>	<i>Leave the phone charging the battery for a few minutes before the indicator is lit and attempting to switch it on.</i>
<i>Battery fails to charge.</i>	<i>The battery is not attached to the phone.</i>	<i>Ensure the battery is fitted to the phone prior to commencing charging.</i>
	<i>Battery has been connected to the phone after the Fast Travel Charger has been switched on.</i>	
<i>Calls cannot be made.</i>	<i>The phone is locked.</i>	<i>Unlock the phone.</i>
	<i>Outgoing calls are barred.</i>	<i>Disable the outgoing call barring or barred dial.</i>
	<i>The phone is not registered to a network.</i>	<i>Move to a coverage area and operate your phone after it has registered with a network.</i>

Troubleshooting

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

Important Error Messages

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

Please Insert SIM Card	SIM card is not inserted, or is not inserted correctly. Please insert the SIM card correctly.
New Codes Not Same	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
Password Invalid!	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
Can't Access Network	The service network you selected manually is unaccessible. Please contact your service provider.
Unable to Select Network	The service network you selected manually refused your access. Please contact your service provider.
No Service	There is no network within range or the received signal is weak. Move to an area which has a stronger signal.
PIN Blocked! Please Enter PUK	You entered your PIN incorrectly three times in a row. To unblock it, please enter PUK.
PIN2 Blocked! Please Enter PUK2	You entered your PIN2 incorrectly three times in a row. To unblock it, please enter PUK2.
New PIN Not Accepted	Your new PIN code is not accepted. Please try again.
New PIN2 Not Accepted	Your new PIN2 code is not accepted. Please try again.
Incorrect Entry!	You entered your PIN or PIN2 incorrectly. Please enter the correct one.
Entries Do Not Match!	When you change your password, you have to enter the new password twice to confirm. The two codes you entered are not same. Please enter same code twice.
SIM Card Error	Make sure the SIM card is inserted correctly. Clean the SIM card with a dry cloth or check if it is damaged. Contact your service provider.

Important Error Messages

Function Unsupported	The function you selected is not supported by your service provider. Please contact your service provider.
Invalid Password	The password that you entered is not valid. Please enter the correct password.
Not Available	The function you selected is not supported by your service provider. Please contact your service provider.
Service Not Available	The function you selected is not supported by your service provider. Please contact your service provider.
Wrong PUK!	You entered wrong PUK. Please enter the correct one.
SIM Full! Please Delete Old Message!	The SIM storage area for SMS is full. Please delete old messages.
SIM Not Enough Space! Continue?	The SIM storage area is Full. If you continue data may be lost. Please delete old records.
Not Enough Space! Continue?	The message storage area is Full. If you continue data may be lost. Please delete old records
SIM Service Not Support	The SIM function you selected is not supported by Service Provide. Please contact your service provider.
Unregistered SIM Card	Your SIM card is not registered to your Service Provider. Please contact your service provider.
Authentication Failure	Your SIM card is not registered to your Service Provider. Please contact your service provider.
Blocked	Your SIM card is blocked. Please contact your service provider.

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.
CSD	Circuit Switched Data. A communication method used to transmit data over telephone connections.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes, etc.
GPRS	General Packet Radio Service. A GSM transmission technique that transmits and receives data in packets rather than setting up a continuous channel. It makes very efficient use of available radio spectrum and users pay only for volume of data sent and received.
GSM	Global System for Mobile communications. The name given to the advanced digital technology that your phone uses.
Network Operator	The organization responsible for operating a GSM network.
PAP	Password Authentication Protocol. A security feature in the GPRS network.
Password	Used for the control of 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. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.
PUK/PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your service provider. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked.
Registration	The act of locking on to a GSM/GPRS network. This is usually performed automatically by your phone.
Roaming	The ability to use your phone on networks other than your Home network.

Glossary of Terms

Service Provider	<i>The organization responsible for providing access to the GSM/GPRS network.</i>
SIM	<i>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.</i>
SMS	<i>Short Message Service. A basic mail system used for cellular phones. This service allows sending/receiving short text messages.</i>
WAP	<i>Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone.</i>

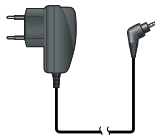
Accessories

Li-Ion Battery (EB-BSG70USW)

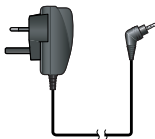


Double your talk time by having a spare battery.

Fast Travel Charger (EB-CAG70EU)



Travel Charger (EB-CAG70UK)



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

How to Identify a Genuine Panasonic Accessory

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

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

NOTE: Accessories are subject to change without notice.

Personal Settings

Item	Provisioning Information Setting No.1	Provisioning Information Setting No.2	Provisioning Information Setting No.3	Provisioning Information Setting No.4	Provisioning Information Setting No.5
Profile name					
Server Name					
IP Address					
IP Port					
Homepage					
Linger Time					
Circuit Switched (CSD)					
Server Name					
Call Type					
Dial Number					
Login Name					
Password					
Packet Switched (GPRS)					
Server Name					
GPRS APN					
Login Name					
Password					
Authentication					

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