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Important Information

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use.

Safety Considerations

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



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

A Fast Travel Charger EB-xxxxxx is supplied with the Main Kit.

NOTE* xx identifies the charger region, e.g. CN, EU, HK, UK.



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



If you use a feature which keeps the key backlight on continuously for a long time, such as a game or the browser, battery life will become extremely short. To maintain longer battery life, set the key backlight to off. See "Setting Brightness" on page 31.



Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular phone services to the offender, or legal action or both.



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

Important Information



It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 60°C).



It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area where 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. To avoid deterioration of signal quality or antenna performance, do not touch or "cup" the antenna area while the phone is switched on. Unauthorised modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

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

This Panasonic mobile phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC, and Australian ACA regulations.

Please refer to our website for latest information/standards and compliance in your country/region of use.
<http://www.panasonicmobile.com>

Care and Maintenance



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



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

If you use the phone for a long time in temperatures over 40 °C, the display quality may deteriorate.



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



Do not subject the equipment to excessive vibration or shocks.

Do not drop the battery.



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



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



Never throw a battery into a fire. It may explode.

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



Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (i.e. metal jewellery, keys, etc.).



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



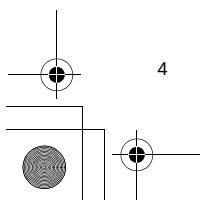
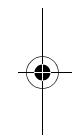
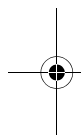
When connecting the phone to an external source, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the phone is compatible with the product it is being connected to.



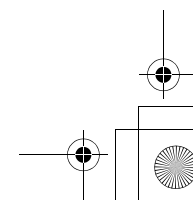
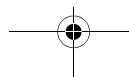
When disposing of any packing materials or old equipment check with your local authorities for information on recycling.



1 to make main display turn off and you can use it like a mirror



4 Display Light OFF



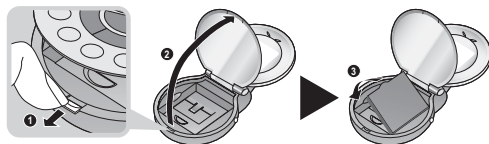
Getting Started

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.

Fitting and Removing the Battery

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

Fitting the battery



- ❶ Pull the key body hook. The key body will lift
- ❷ Open the key body
- ❸ Put in the battery

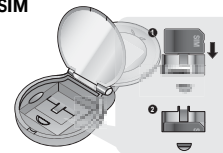
Removing the battery



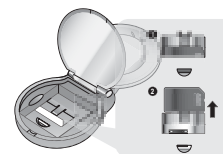
Fitting and Removing the SIM

The SIM is inserted under the battery.

Fitting the SIM



Removing the SIM



- ❶ Put your finger on the tab
- ❷ Remove the SIM

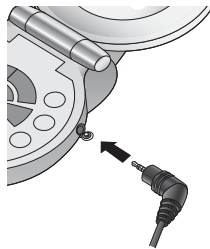
Getting Started

Charging the Battery

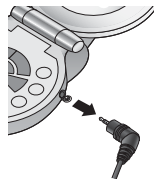
Connecting and disconnecting the Fast Travel Charger

The battery must be fitted in the phone before the charger is connected. Insert the charger into the base of the phone 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 the phone will take a short time until the charge indicator displays.



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



Operation of Battery Level Indicator

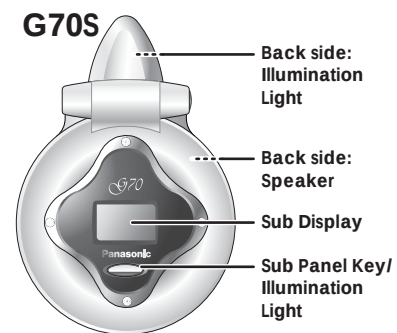
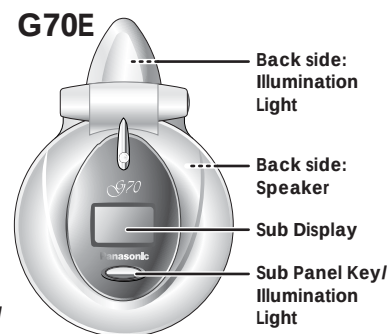
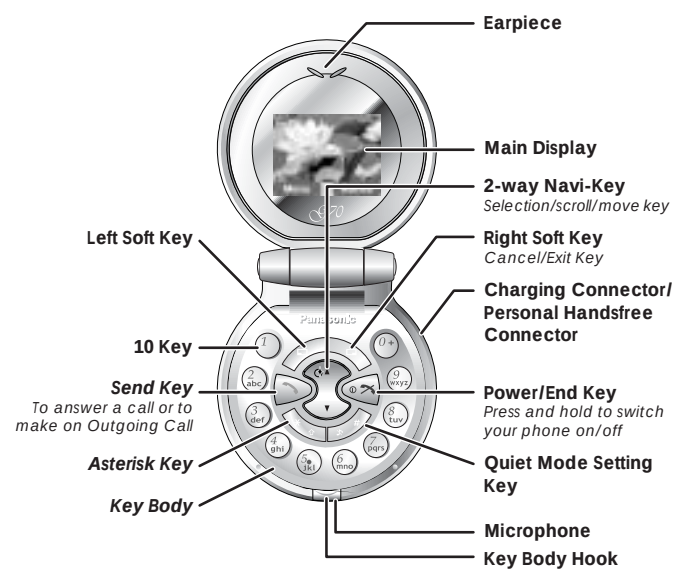
	While charging	Charging complete
Phone on		
Phone off		Battery Charge Indicator off

NOTE: When the battery is deeply discharged, it may take a short time (2 to 3 minutes) until charging starts.

Low Battery 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



Keys & Displays

Keys

Key	Function
4	2-way Navigation Key: moving up/down/right/left through the options in the display area. In idle mode, entering to the Shortcuts.
A	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 returned to previous menu level, or to delete text/number entries. In idle, long press to enter the Profiles menu.
# ~ ,	Numeric key pads: Enter numbers. Press and hold a single key (1–9) for Speed Dial. In text entry mode, enter text, numbers and characters. Long press # to enter a "+" or "P". When you need to dial an extension number, dial the phone number first then long press # to add a "P" and enter the extension number.
C	Send Key: Make a call or answer a call. In idle mode, check the last dialled list.
D	Power/End Key: End/reject a call. During key operation, short press to return to the previous display. In idle mode, long press to switch phone on/off. In Browser mode, long press to end Browser mode.
"	Asterisk Key: In idle, long press to activate Browser.
!	Quiet Mode Key: In idle, long press to switch the Mute Mode on and off.
Sub panel key	Sub Panel backlight On/Off: In idle, short press to turn on and off the Sub Panel backlight. 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 and turn on vibrator.

Keys & Displays

Shortcut from Idle Screen

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

Short press

Key	Function
A	Menu
@	Phonebook* (Names)
1	Display Light OFF
5	Shortcuts
C	Last dialled record list

*The Phone must be registered with a network.

Long press

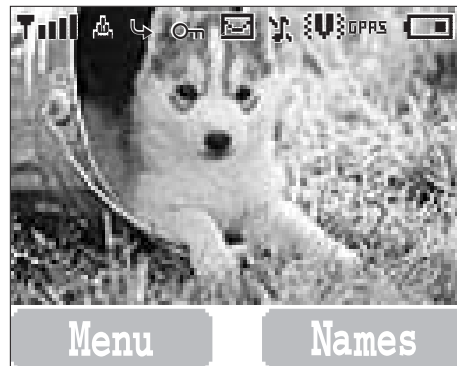
Key	Function
\$ ~ ,	Hot key dial
"	Browser*
!	Silent mode
@	Profile menu
D	Power on/off
A	SMS Menu

*The Phone must be registered with a network.

Keys & Displays

Displays

Main Display



NOTE: All Screen images in the manual are simulated.

Status Icons

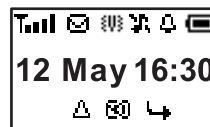
The status icons are displayed or animated according to the currently activated functions. The Antenna, Signal and Battery icons are displayed when the handset is switched on and connected to a network. In the occasion of that network level is zero, the network icon will not be displayed.

Icon	Indication
S	Indicates it is possible to make emergency call
1S	SIM supports CPHS and Line 1 is selected in Phone Option menu
P	Signal strength
Y	Registered to a non-home network - roaming
G	Call divert is on
L	Key Guard is enabled
N	Message area is full
N (Flashing)	Unread message is stored
N	Voice mail message
[	Silent Mode is on
]	Vibration alert is on
?	Alarm is set
J K	Battery full level: - low battery
GPRS	GPRS is active

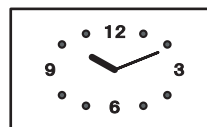
Keys & Displays

Sub Display

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



Digital clock



Analogue clock

Status Icon is displayed only at the Digital clock mode.

Status Icons

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

Icon	Indication
S	Indicates it is possible to make emergency call
1S	SIM supports CPHS and Line 1 is selected in Phone Option menu
P	Signal strength
Y	Registered to a non-home network - roaming
G	Call divert is on
L	Key Guard is enabled
N	Message area is full
N (Flashing)	Unread message is stored
N	Voice mail message
[	Silent Mode is on
]	Vibration alert is on
?	Alarm is set
J	Battery full level:
K	- low battery
GPRS	GPRS is active

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
 5 4	Press the Navigation key in the direction indicated by the arrow
A	Press Left Soft Key
@	Press Right Soft Key
# ~ ,	Press numeric key pads
C	Press to answer a call or call a dialled number
D	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 A (Menu)

The main menu display has 9 menu options

(See "Menu Structure" on page 13.)

2 4 required menu A (Select)

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

Back to the Menu Display

D 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)*

Fillip
Hurricane
Classic rally



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.**

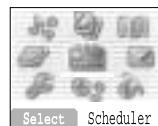
Phone Basics

Phone ON/OFF



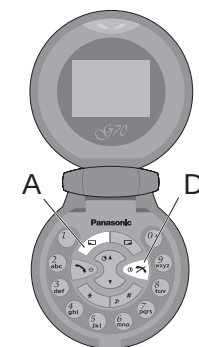
- 1 Press and hold **D** for 2 to 3 seconds
- 2 Phone will display Idle mode
- 3 Press and hold **D** again to turn the power off

Displaying Menu



- From idle mode
- A** 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 C

>The dialled number is displayed.

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

3 To hang up, D

>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 75.

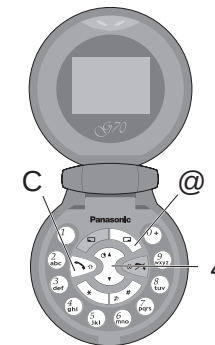
Earpiece Volume:

During a call; 4 to adjust earpiece volume

Phonebook Dialling

1 @ (Names)

2 4 required contact C



Phone Basics

Last Number Dialling

- 1 C
- 2 4 required contact C

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 C

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 (S) must be present

When SIM is installed;

enter emergency number 112 C

When SIM is not installed;

enter emergency number 112 C

OR

@ (SOS) > "Emergency Call" A (Yes)

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



Answering Calls

C

OR

When "Any Key Answer" is ON,
From Idle menu
press any key except D
(See "Setting Any Key Answer" on page 37)

OR

When "Unit Answer" is ON,
open the phone to answer incoming call.
close the phone to end the call.

Ring Volume:

From **My Phone** menu

1 4 **Sounds > Volume** A (Select)

2 4 Adjust the volume level A (OK)

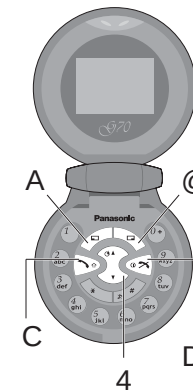
Quick Touch Silent Mode:

To quickly set the ring tone off and the vibrator on, press and hold ! or press sub panel key in idle mode.

>] and [will be displayed on the idle screen.

PHF:

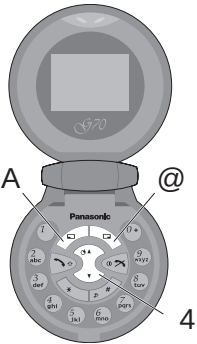
When you use the PHF, press the sub panel key to answer your call.



In-Call Options

During a call, **A** (Menu) or **@** (Hold)

A (Menu)	Hands Free	Switch to Desktop Hands Free
	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)
	Call Status	A (End) to disconnect a line with the activating party. @ (Hold) to put a call on hold with the activating party. To resume, A (Back) again.
	Phone Book	Open SIM Phonebook or Mobile Phonebook
@ (Hold)	Hold	Put a call on hold. To resume, A (Back) (SIM dependent)



Phone Basics

Desktop Handsfree

Desktop Handsfree allows you to hold a conversation without holding the phone to your ear.

NOTE: Do NOT hold the phone to your ear in Handsfree mode.

During a Handheld call:

- 1 A (Menu)
- 2 4 **Hands Free** A (Select)

To return to Handheld call:

A (Menu) > A (Select) to revert for Handheld operation

NOTE: You can also switch between Handheld and Handsfree by pressing and holding ! .

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 remotely 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:

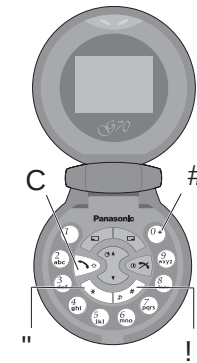
Enter digits (# ~ , , ! , ")

Pause Dial

Using pauses allows you to send DTMF tones automatically.

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

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



Incoming Call While in a Call

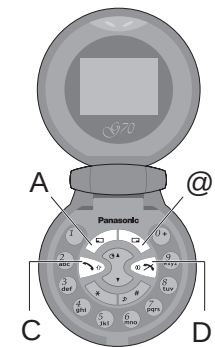
NOTE: Call waiting must be on - see "Setting Call Waiting" on page 73.
Call waiting is network dependent.

During a call, you may receive another call :

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

A (Menu)	Hands Free	Switch to Desktop Hands Free
	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)
	Call Status	A (End) to disconnect a line with the activating party. @ (Hold) to put a call on hold with the activating party. To resume, A (Back) again.
	Phonebook	Open SIM Phonebook or Mobile Phonebook
@ (Swap)	Swap	Switch between two connected calls

To end a conference call and all connections : D

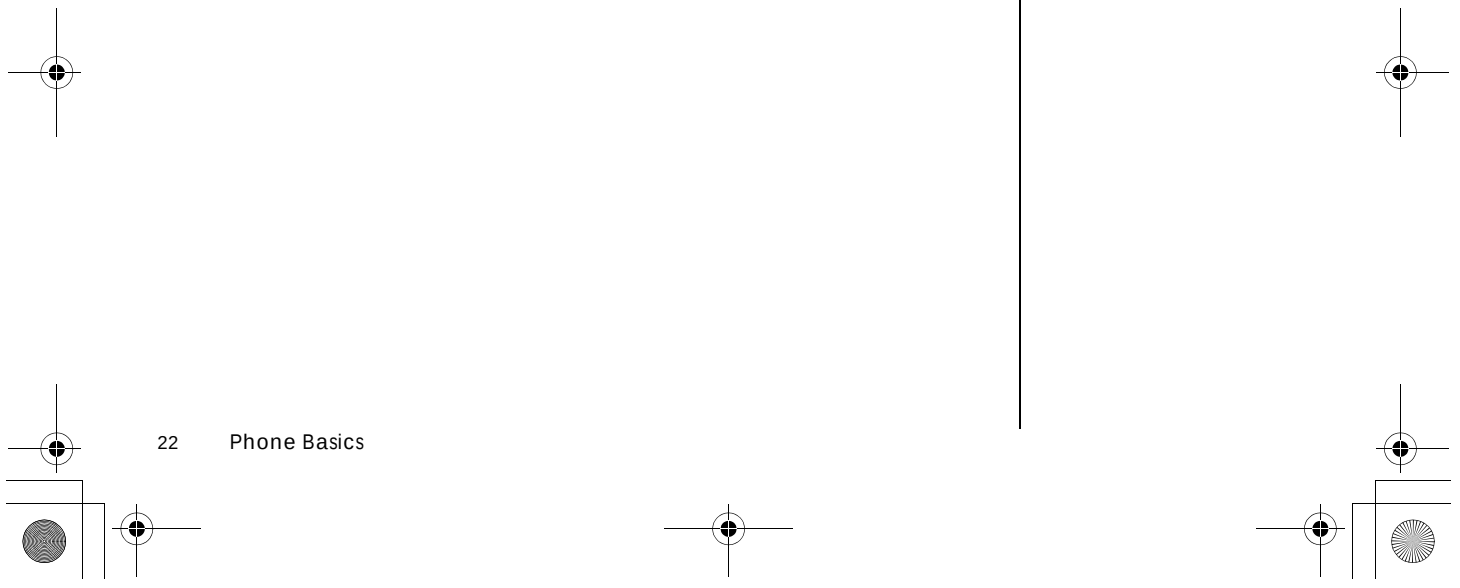




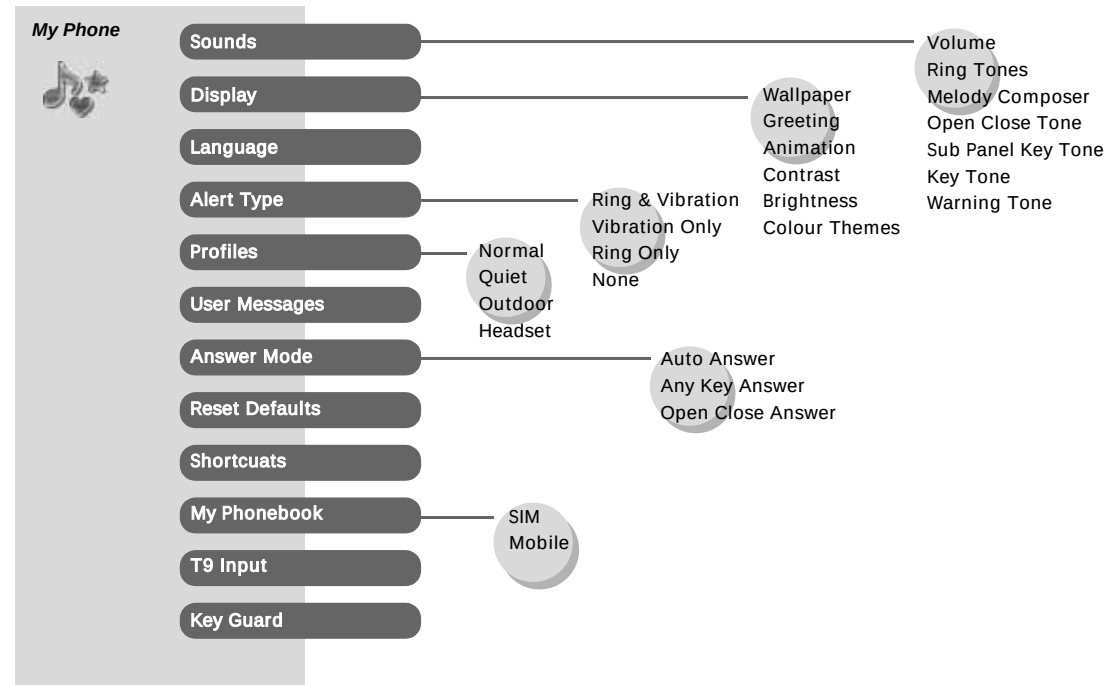
Making a Second Call

During a call:
Enter second phone number or recall it from Phone Book **C**
The first call is put on hold.

***NOTE:** Making a second call is network dependent.*



My Phone Menu Structure





Changing the Volume

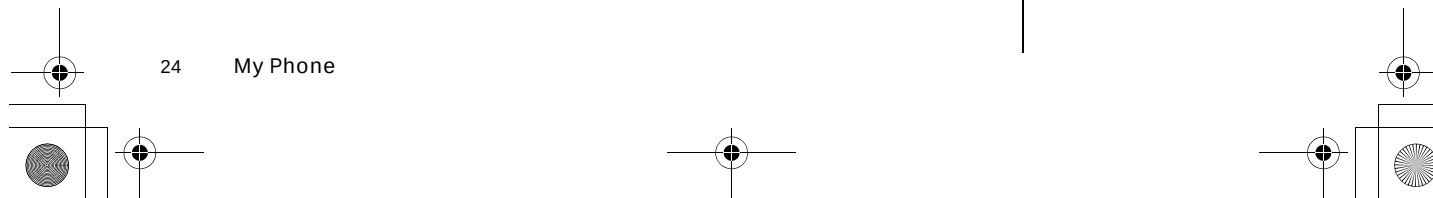
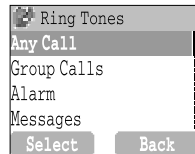
From **My Phone** menu

- 1 4 **Sounds** A (Select)
- 2 4 **Volume** A (Select)
- 3 4 Adjust the volume level A (OK)

Changing the Ring Tone

From **My Phone** menu

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



Composing a Melody

From **My Phone** menu

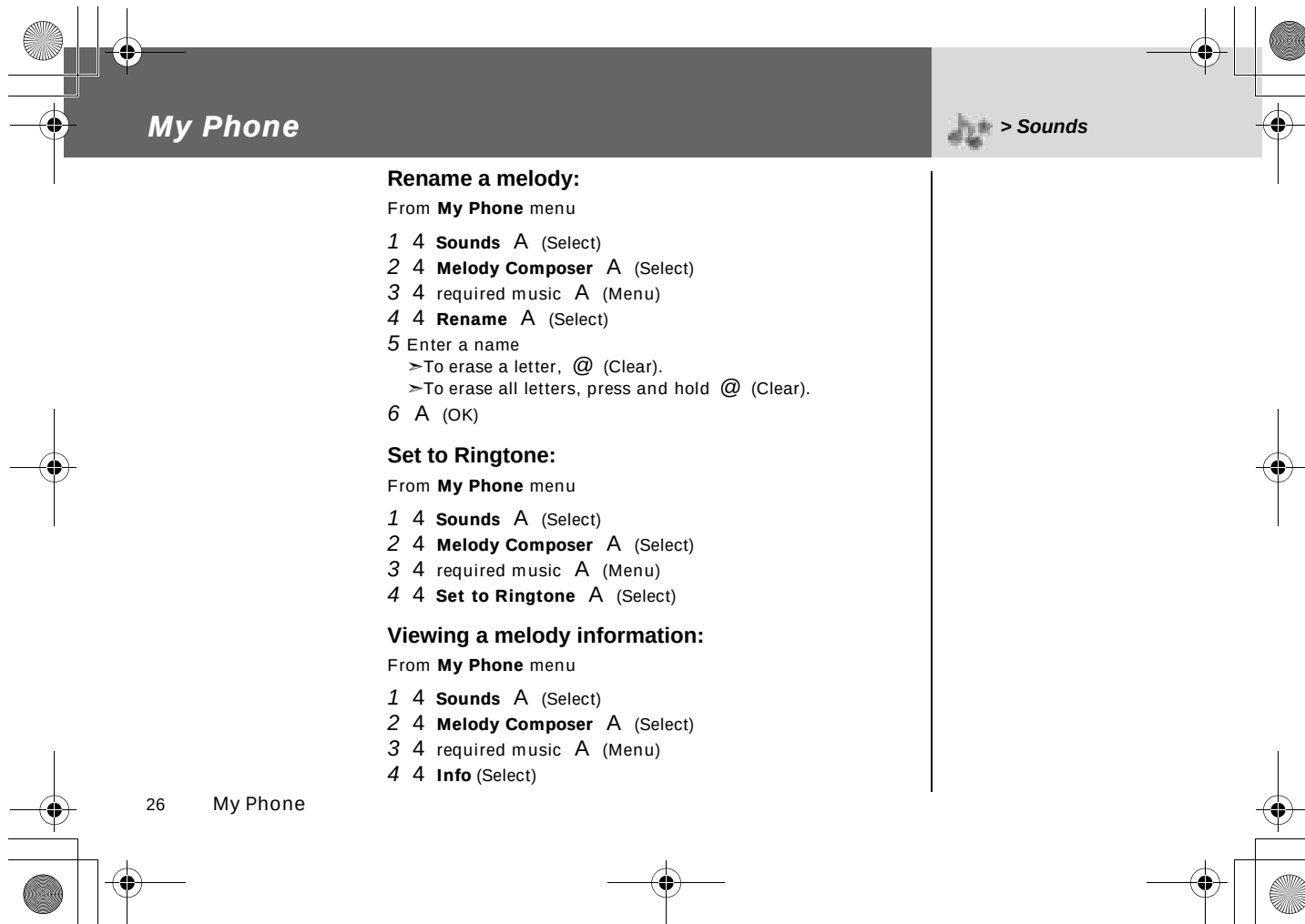
- 1 4 **Sounds** A (Select)
- 2 4 **Melody Composer** A (Select)
- 3 4 required **My Music** A (Menu)
- 4 4 **Edit** A (Select)
- 5 4 required track A (Menu)
- 6 Compose your melody - See the notes chart below > A (Menu)
- 7 4 **Save** A (Select)

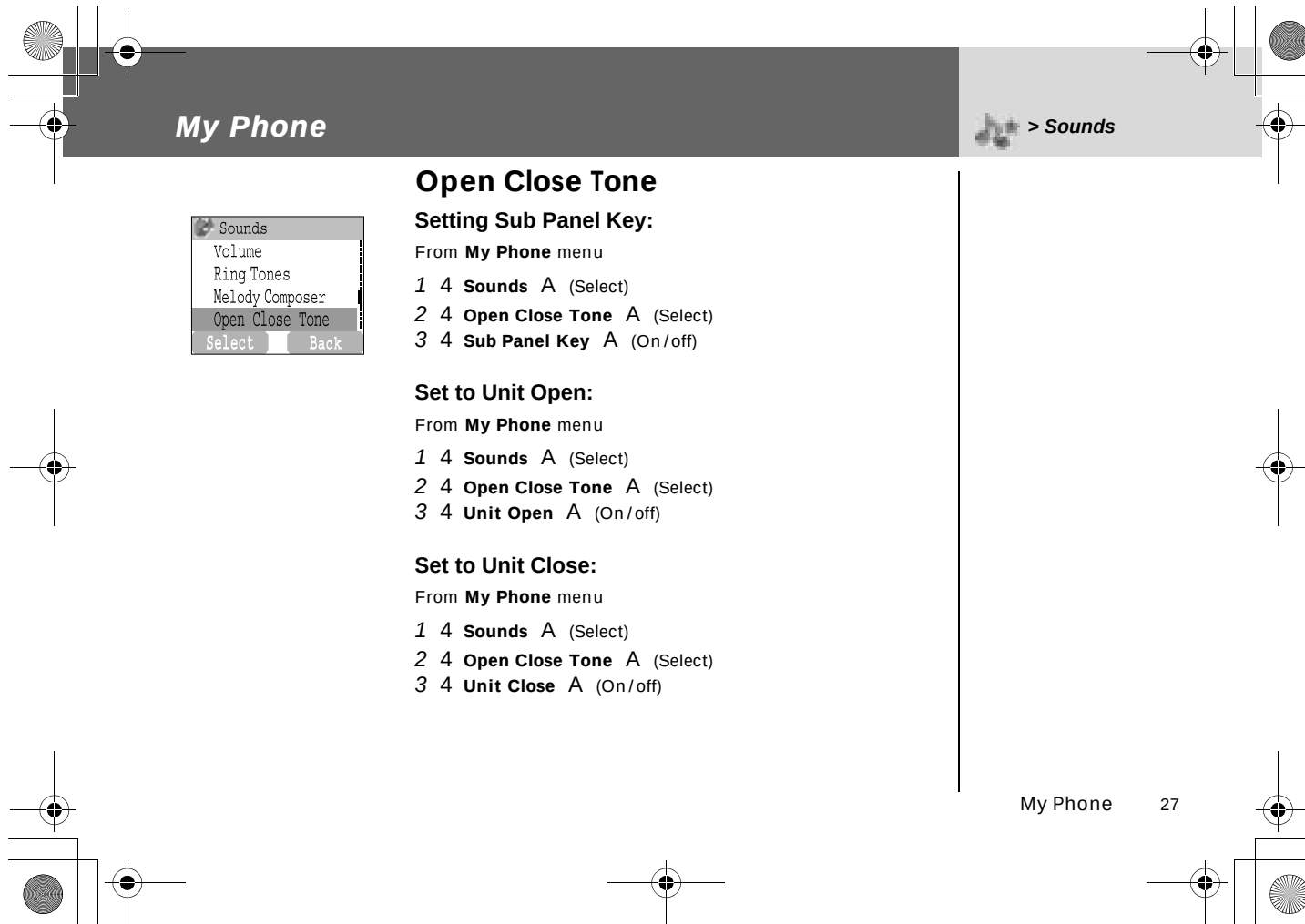
You can arrange the **Tempo** and select an instrument (**Select Instrument**) before saving.

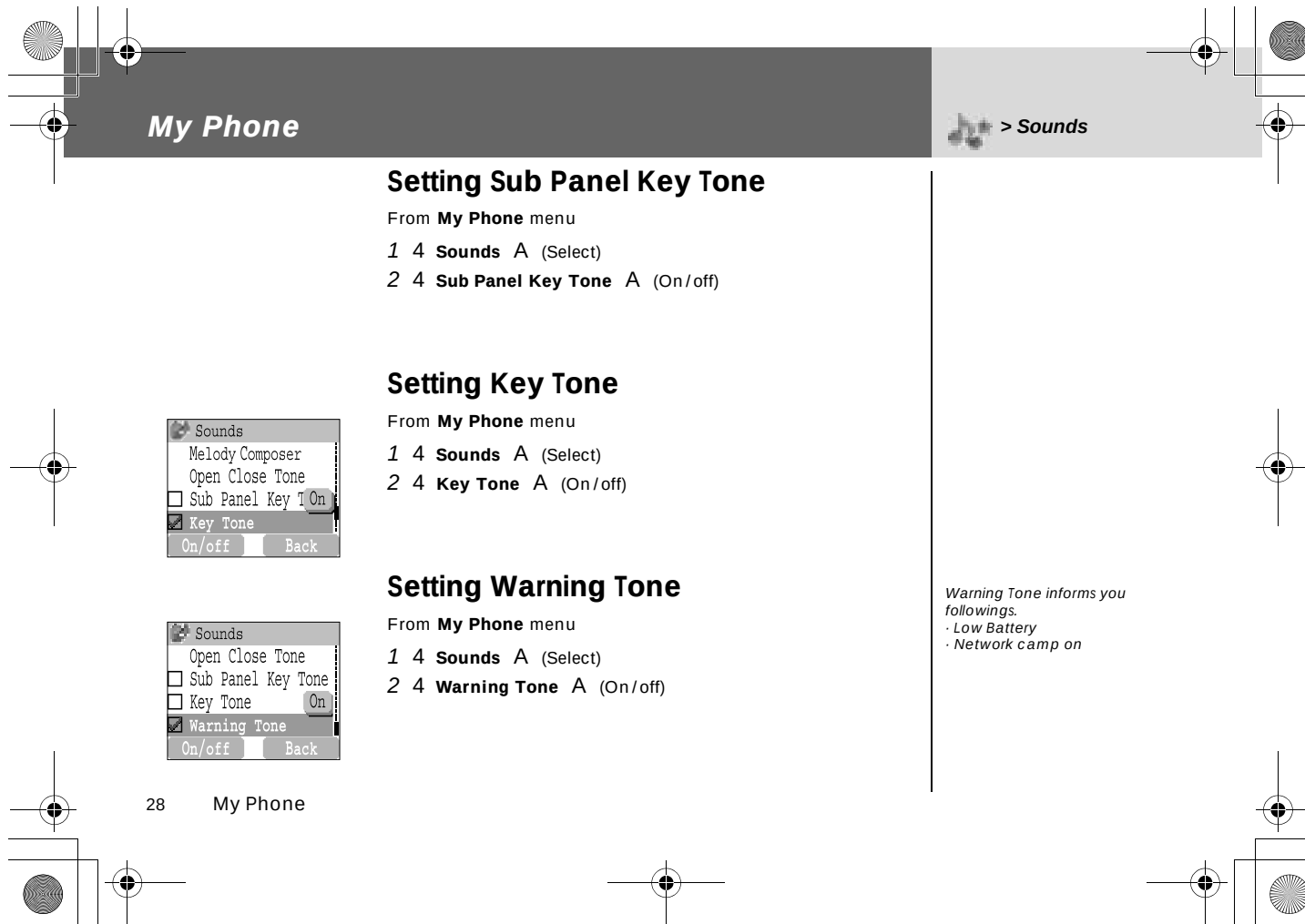
Using the following table as a reference, enter the notes (from the choice of low, middle and high), rests, and the duration of each, to generate your composition. Main Track and Sub Tracks will be combined when you return to **My Music**.

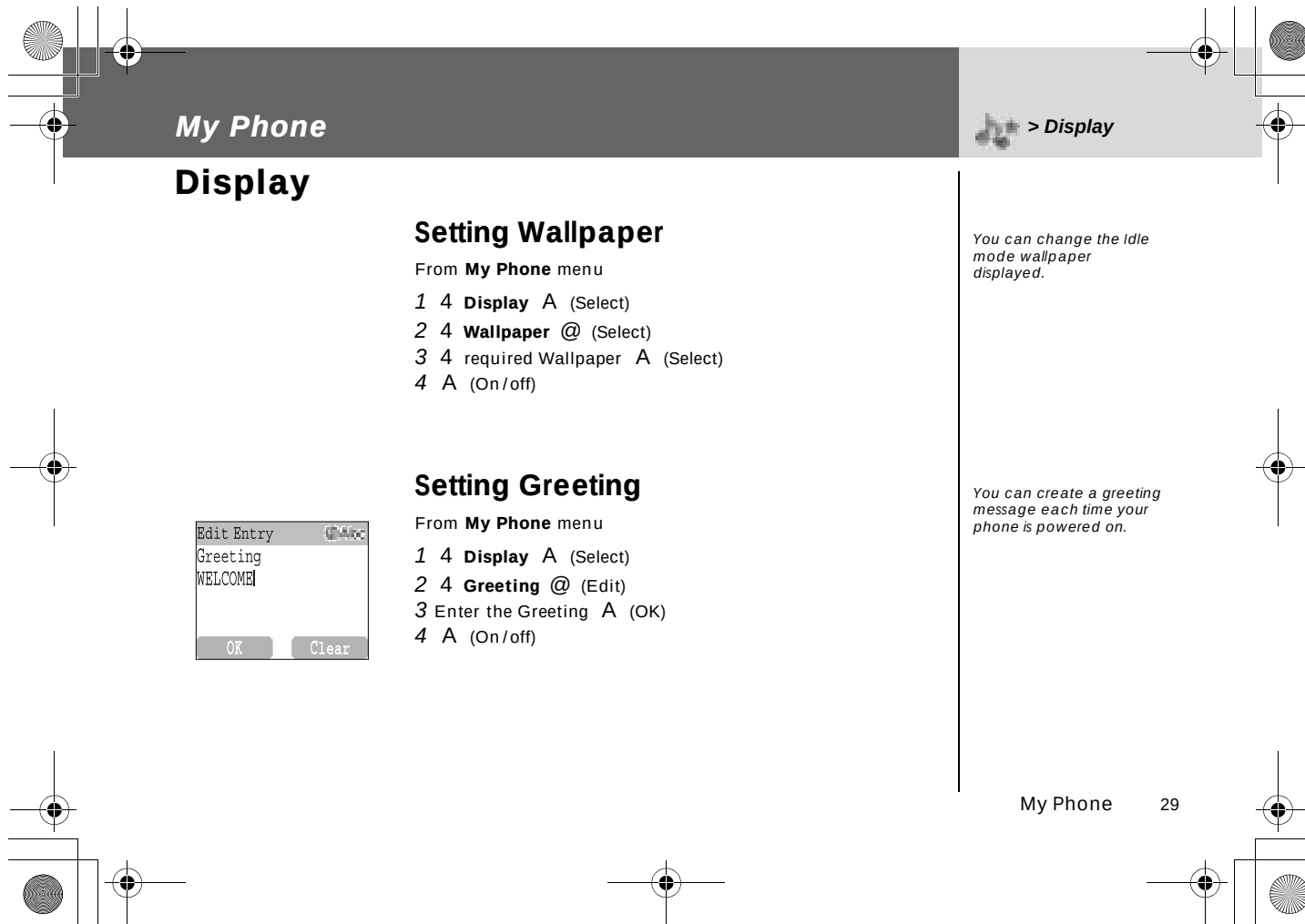
Key	\$	%	&	'	(	)
Func	C	D	E	F	G	A

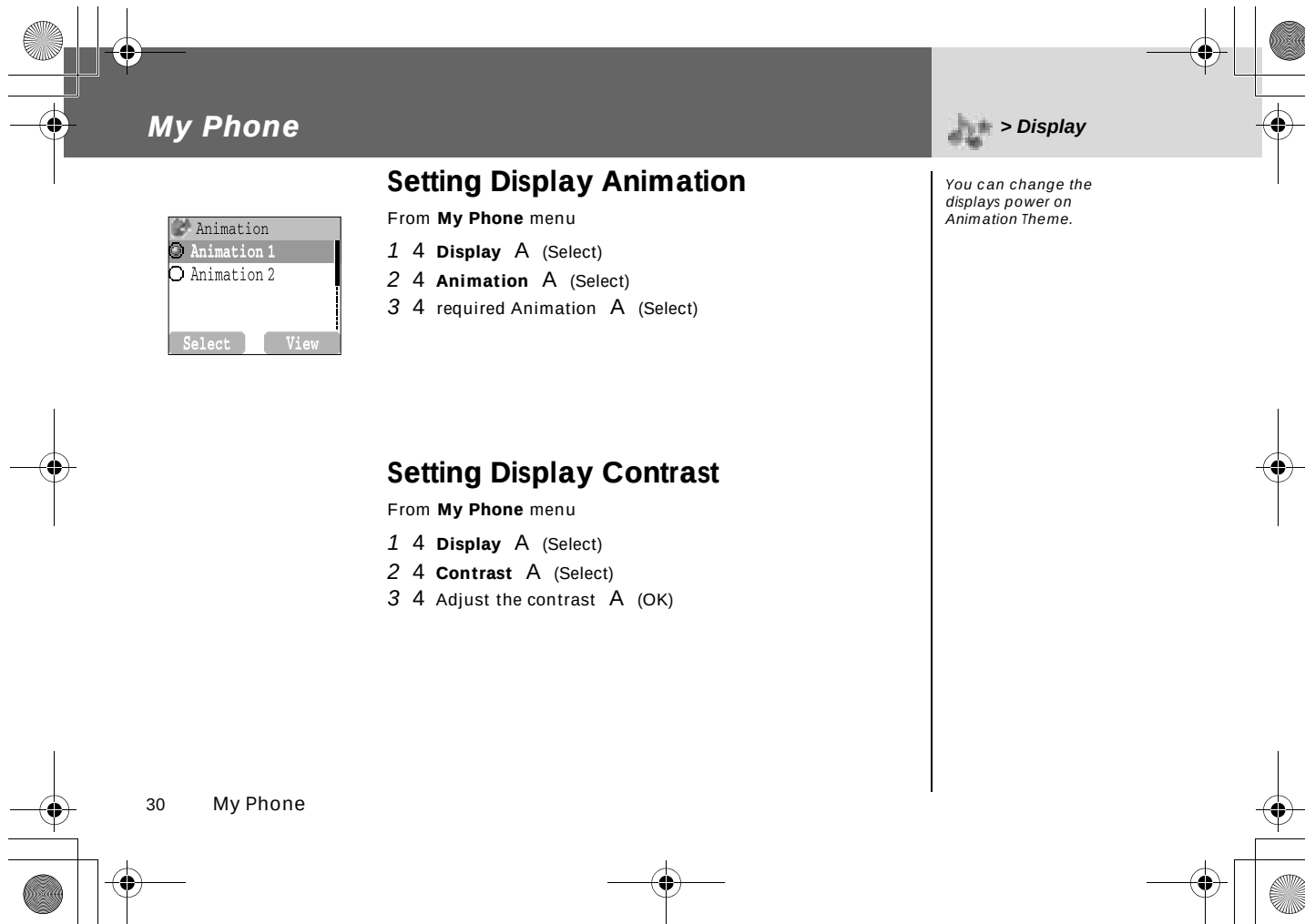
Key	*	+	,	#	"	!
Func	B	Rep.	Dotted note	Rest	Duration	Low # Middle # High #











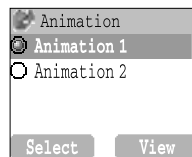
My Phone

> Display

Setting Display Animation

From **My Phone** menu

- 1 4 **Display** A (Select)
- 2 4 **Animation** A (Select)
- 3 4 required Animation A (Select)



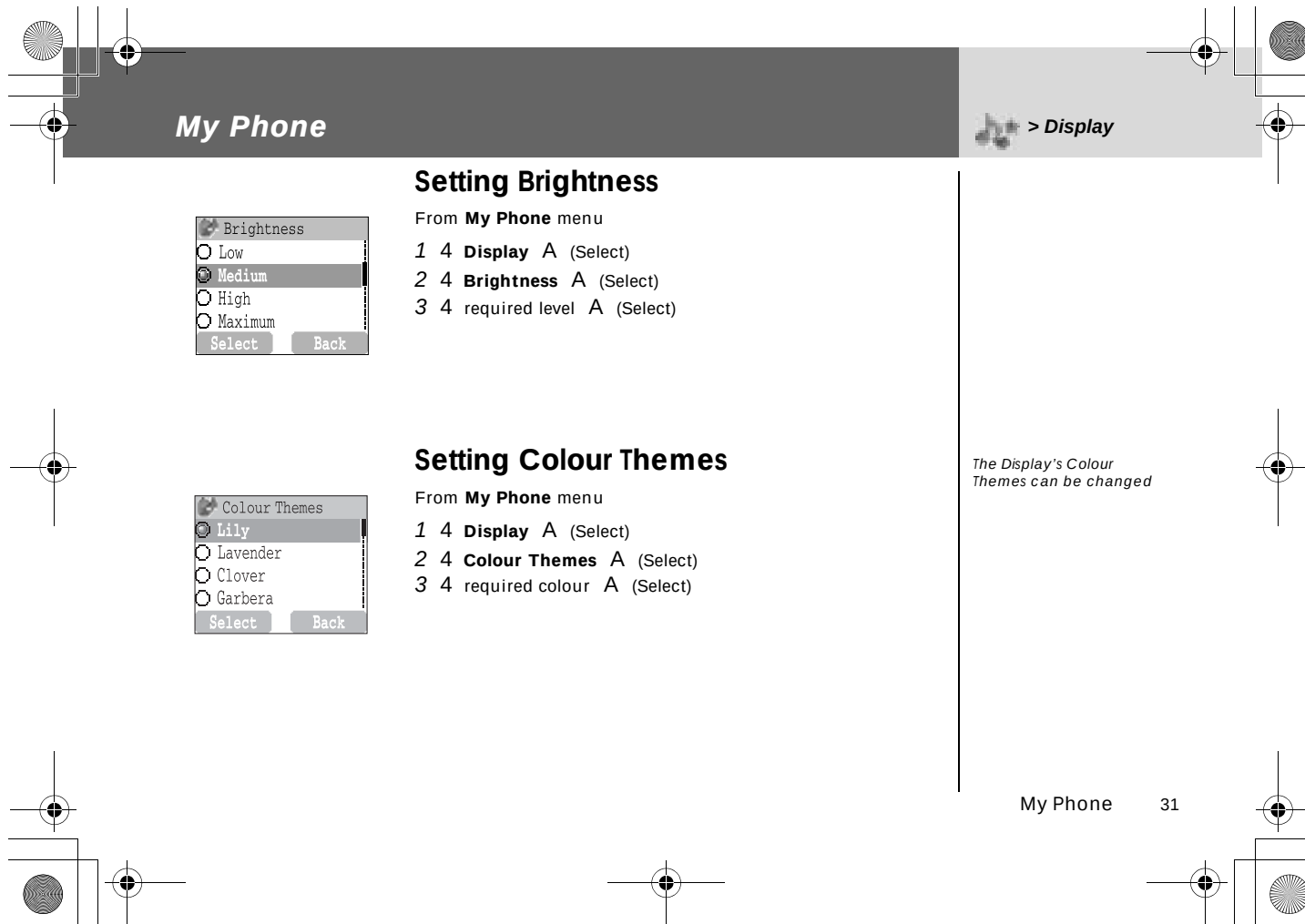
You can change the displays power on Animation Theme.

Setting Display Contrast

From **My Phone** menu

- 1 4 **Display** A (Select)
- 2 4 **Contrast** A (Select)
- 3 4 Adjust the contrast A (OK)

30 **My Phone**



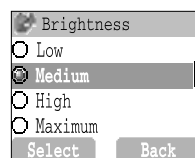
My Phone

 **> Display**

Setting Brightness

From **My Phone** menu

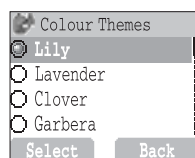
- 1 4 **Display** A (Select)
- 2 4 **Brightness** A (Select)
- 3 4 required level A (Select)



Setting Colour Themes

From **My Phone** menu

- 1 4 **Display** A (Select)
- 2 4 **Colour Themes** A (Select)
- 3 4 required colour A (Select)



*The Display's Colour
Themes can be changed*

My Phone

31



Changing the Language

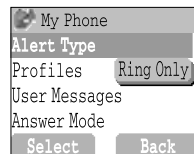
From **My Phone** menu

- 1 4 **Language** A (Select)
- 2 4 required language A (Select)

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



Alert Type



Changing Alert Type

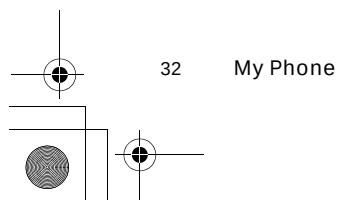
From **My Phone** menu

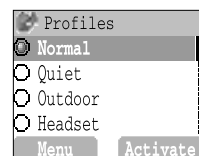
- 1 4 **Alert Type** A (Select)
- 2 4 required Alert type A (Select)

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**





Activating a profile

From **My Phone** menu

- 1 4 **Profiles** A (Select)
- 2 4 required profile A (Menu)
- 3 4 **Activate** A (Select)

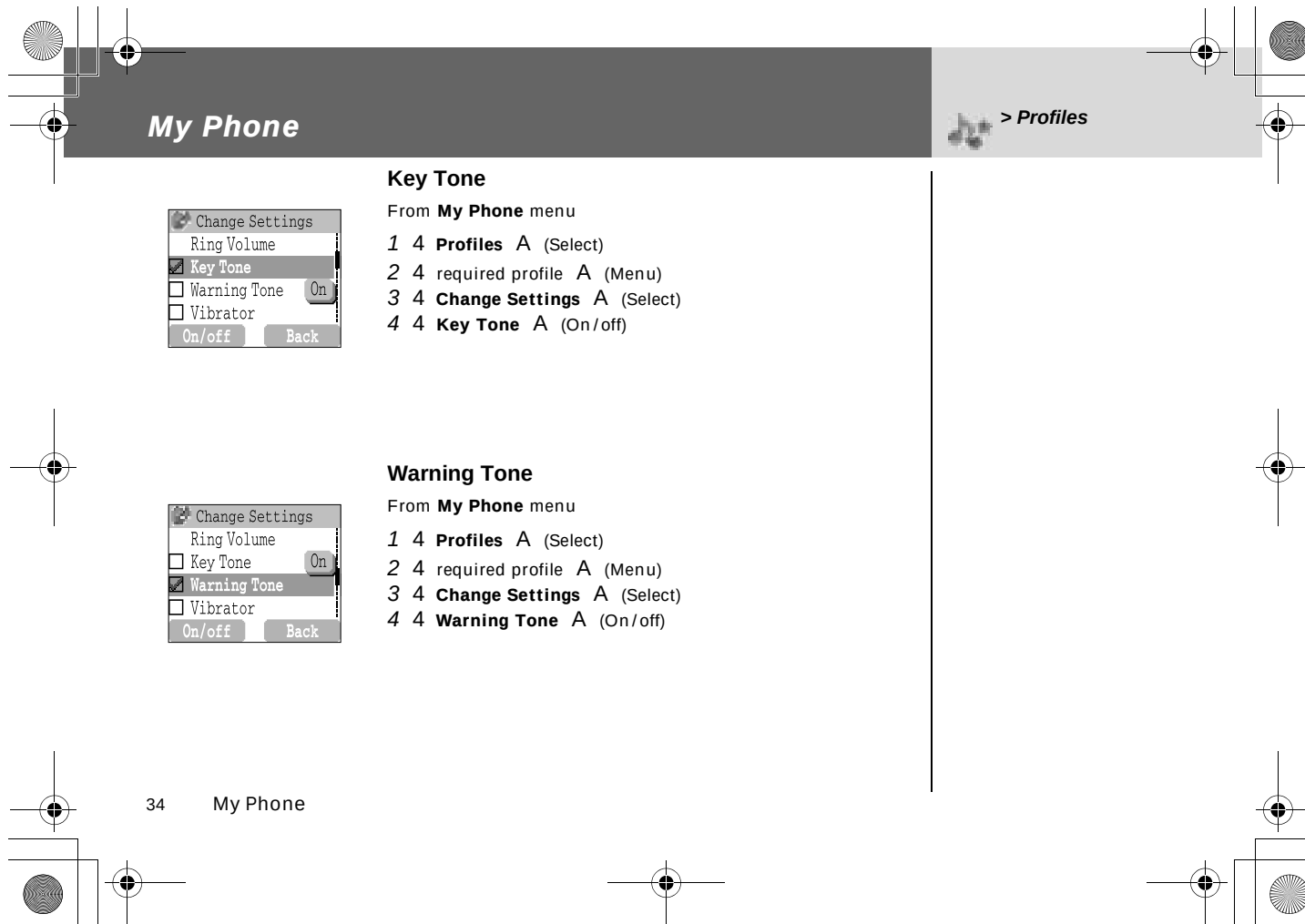
Editing profiles

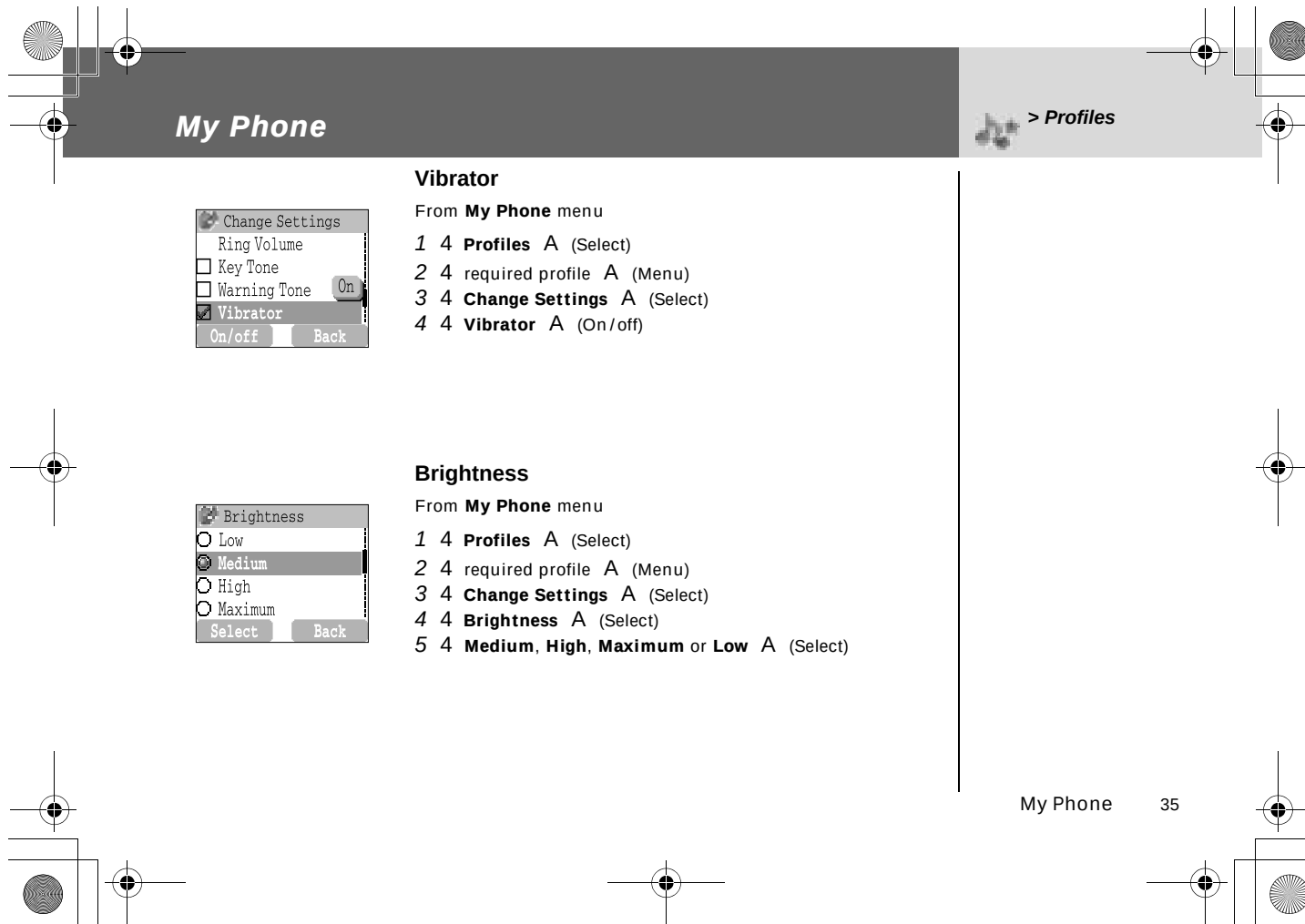
Ring Volume

From **My Phone** menu

- 1 4 **Profiles** A (Select)
- 2 4 required profile A (Menu)
- 3 4 **Change Settings** A (Select)
- 4 4 **Ring Volume** A (Select)
- 5 4 Adjust volume level A (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.





Vibrator

From **My Phone** menu

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

Brightness

From **My Phone** menu

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

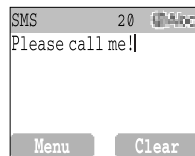
User messages

Editing User Messages

From **My Phone** menu

- 1 4 **User Messages** A (Select)
- 2 4 required message or empty space A (Select)
- 3 Enter your message A (Menu)
 - >To erase a letter, @ (Clear).
 - >To erase all letters, press and hold @ (Clear).
- 4 4 **Save and Send** or **Save** A (Select)
- 5 When **Save and Send** is selected, enter destination phone number A (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 for you to create your own messages. You can also set User Messages at **User Messages** in **Message** menu - see "Editing User Messages" on page 63*

My Phone

> Answer Mode

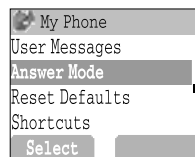
Answer Mode

Setting Auto Answer

From **My Phone** menu

- 1 4 **Answer Mode** A (Select)
- 2 4 **Auto Answer** A (On/off)

Auto Answer can be set but only functions when a Personal Handsfree Earpiece is used.

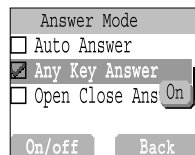


Setting Any Key Answer

From **My Phone** menu

- 1 4 **Answer Mode** A (Select)
- 2 4 **Any Key Answer** A (On/off)

Calls can be answered by pressing any key (except D, sub panel key). Quick touch silent mode will be set when you press sub panel key.



Setting Open Close Answer

From **My Phone** menu

- 1 4 **Answer Mode** A (Select)
- 2 4 **Open Close Answer** A (On/off)



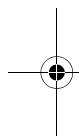
Reset Defaults

Reset Defaults

From **My Phone** menu

- 1 4 **Reset Defaults** A (Select)
- 2 **"Restore Factory Settings?"** A (No) or @ (Yes)

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



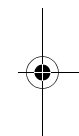
Shortcuts

Setting Shortcuts

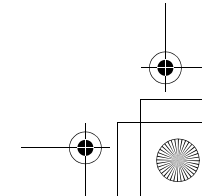
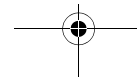
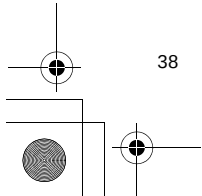
From **My Phone** menu

- 1 4 **Shortcuts** A (Select)
- 2 4 required shortcuts A (On/off)

*You can select any of 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
5 required shortcuts A (Select)

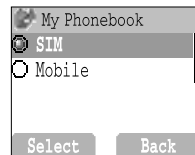


My Phonebook

Setting SIM or Mobile Phonebook

From **My Phone** menu

- 1 4 **My Phonebook** A (Select)
- 2 4 **SIM** or **Mobile** A (Select)



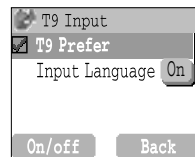
*You need to select which phonebook is to be used, SIM Phonebook or Mobile Phonebook. You can also set My Phonebook at **My Phonebook** in **Phonebook** - see "My Phonebook" on page 50.*

T9 Input

Setting T9 Input

From **My Phone** menu

- 1 4 **T9 Input** A (Select)
 - 2 4 Set **T9 Prefer** on A (On/off)
 - 3 4 **Input Language** A (Select)
 - 4 4 required language A (Select)
- See "Shift mode" on page 69 for detail.



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



Setting Key Guard

From **My Phone** menu

1 4 **Key Guard** A (Select)

2 A (Yes) or @ (No)

> When Key Guard is enabled, L appears on the display.

> Emergency calls still can be made.

> When a call is received Key Guard will be disabled temporarily, allowing the user to 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 L appears on the display,

1 A (Free)

2 "Press OK to Free keypad" A (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
4 required game A (Select) from **Puddleland**, **Quadball** and **Exode**.

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



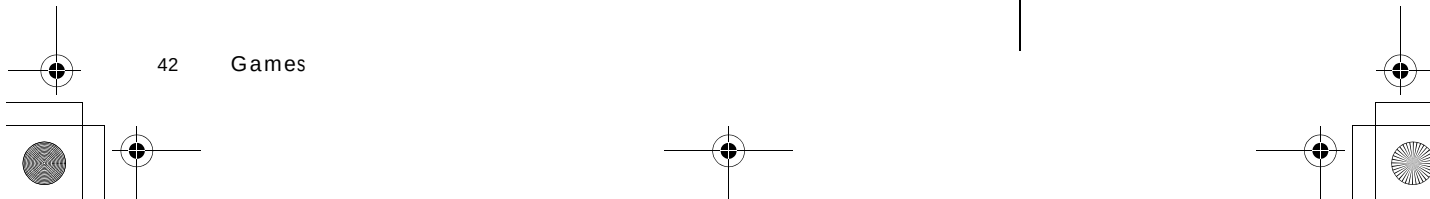
Puddleland

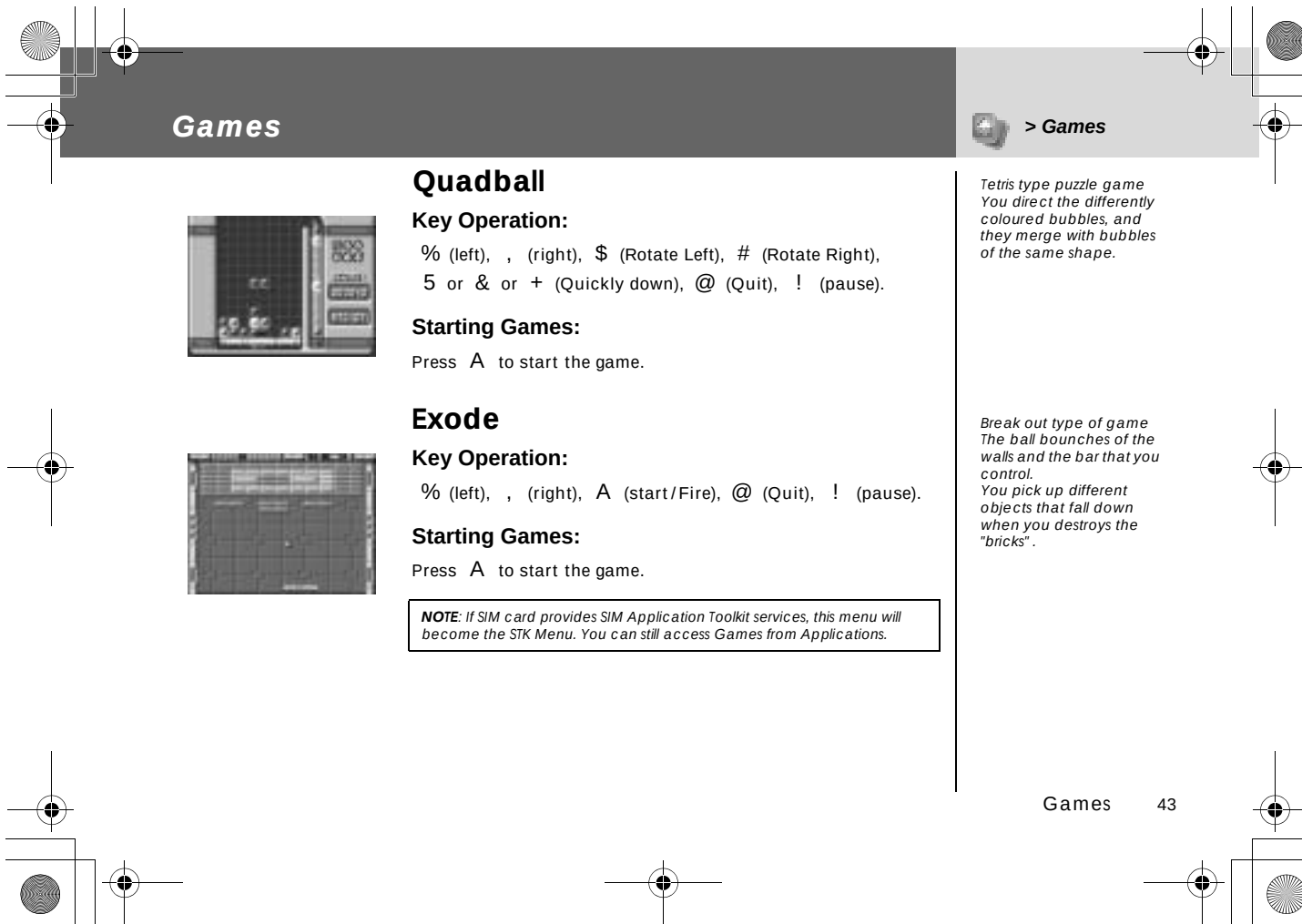
Key Operation:
' or Send (move left),) or end (move right),
5 or & or + (down), 1 or \$ or # (jump),
Left soft key (swallow and spit out),
@ (Quit), ! (pause).

Starting Games:

Select **Start** by using A .

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.





Games

> Games

Quadball

Key Operation:

% (left), , (right), \$ (Rotate Left), # (Rotate Right),
5 or & or + (Quickly down), @ (Quit), ! (pause).

Starting Games:

Press A to start the game.

Exode

Key Operation:

% (left), , (right), A (start/Fire), @ (Quit), ! (pause).

Starting Games:

Press A 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 of the
walls and the bar that you
control.
You pick up different
objects that fall down
when you destroys the
"bricks".*

Phone Book Menu Structure

Phone Book



Browse

Create

Group Settings

Memory Status

My Numbers

Hot Key Dial

My Phonebook

SIM Phonebook
Mobile Phonebook

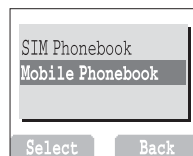
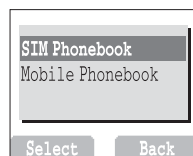
SIM Phonebook
Mobile Phonebook

SIM
Mobile

Phone Book

 > Create

Storing



Storing a Number in SIM

From **Phone Book** menu

- 1 4 **Create** A (Select)
- 2 **SIM Phonebook** A (Select)
- 3 Enter **Name** 5 > **Phone number**
- 4 A (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 4 **Create** A (Select)
- 2 4 **Mobile Phonebook** A (Select)
- 3 Enter **Name** 5
- 4 Enter **Phone** Number 5
- 5 @ (Set) 4 required **Caller's ID** Image A (Select) 5
- 6 @ (Set) 4 required **Group** A (Select) 5
- 7 @ (Set) 4 required **Melody** A (Select)
- 8 When entries are completed, A (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**

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.



Viewing

Browsing the Phone Book

From **Phone Book** menu

- 1 4 **Browse > SIM Phonebook** or **Mobile Phonebook**
A (Select)
- 2 4 Search the name you wish to browse @ (View)

*You can search
Phonebook by name.*

Options in Phone Book

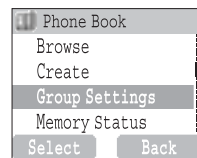
From **Phone Book** menu

- 1 4 **Browse > SIM Phonebook** or **Mobile Phonebook**
A (Select)
- 2 4 required contact A (Menu)

The following options are available by pressing A (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 a contact 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 4 **Group Settings** A (Select)
- 2 4 required Group A (Menu)

The following options are available by pressing A (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)

The following options are available by pressing A (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.

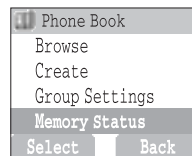
The ability to group phonebook entries together is an extra function of the Mobile Phonebook. Groups are used to collect together types of Contacts entries, e.g. Colleagues and Friends. You can select a particular sound to the groups to identify them.

Memory Status

Viewing Memory Status

From **Phone Book** menu

- 4 **Memory Status** A (Select)



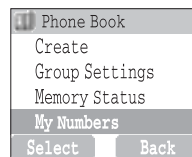
Memory status shows how many locations are available in the Phone Book.

My Numbers

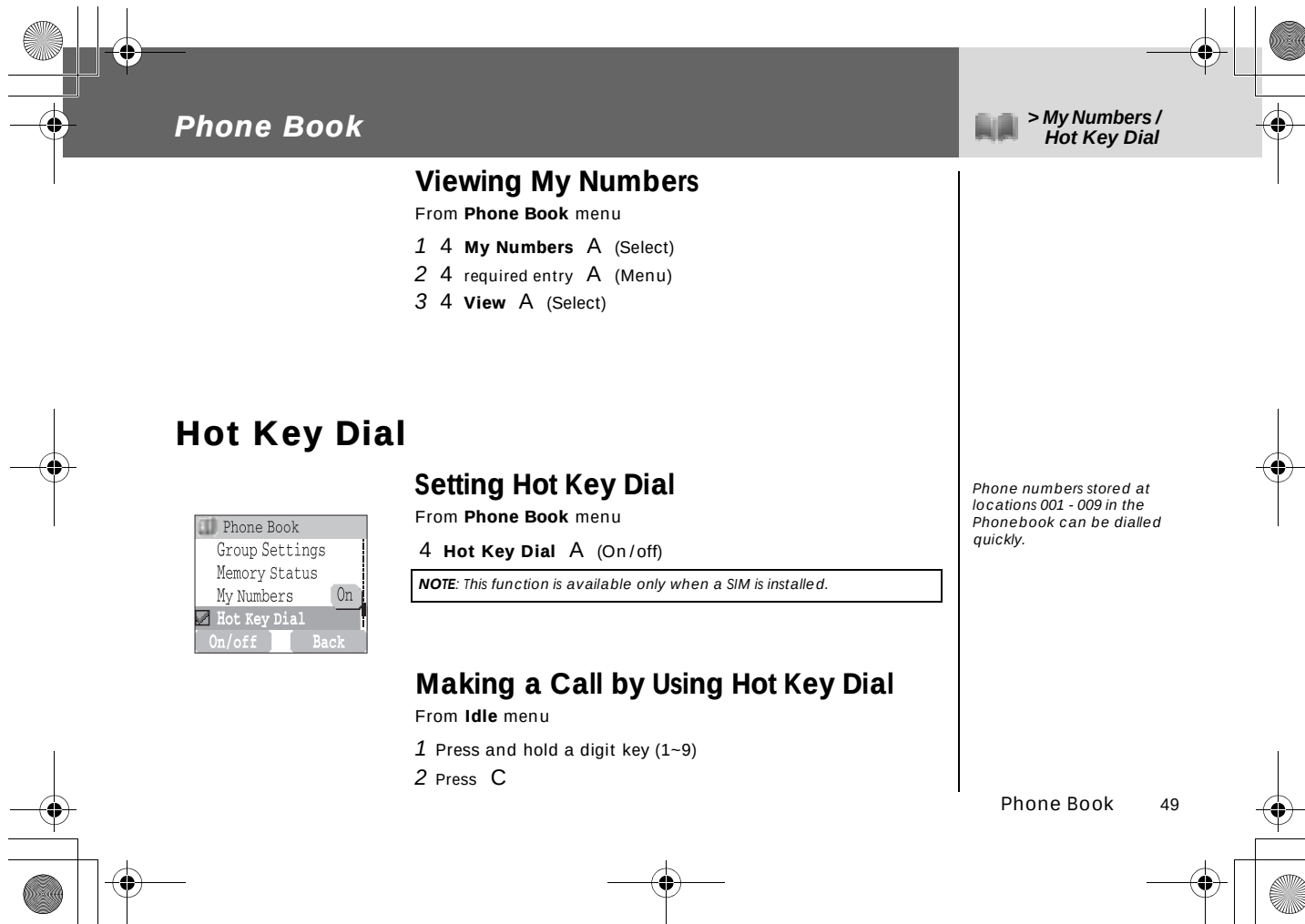
Setting My Numbers

From **Phone Book** menu

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



My Numbers is a phone book where you can store your numbers.





From **Phone Book** menu

1 4 **My Phonebook** A (Select)

2 4 **SIM** or **Mobile** A (Select)

>Please refer to "My Phonebook" on page 39.

This option allows you to select which phonebook will be displayed. SIM or Mobile.

Browser Menu Structure

Browser



Start Browser

Bookmarks

Settings

Server Name 1
⋮
Server Name 5

Bookmark 1
⋮
Bookmark 10

Browser

> Settings

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 previously entered settings can cause failure of the Browser.

From **Browser** menu

- 1 4 **Settings** A (Select)
- 2 4 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. (Sever Name, IP Address, IP Port, Homepage, Linger Time, Select Mode)

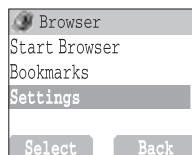
NOTE: You need to set **CSD Setting** or **GPRS Setting** in Phone Option before setting the server information.

Those configuration Options will be given by Network service provider.

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

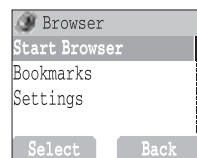
The first time that the browser is activated there will be no content stored so the Home URL content will be displayed (as defined by the network operator). The Home URL will be recalled from the cache, each time the browser is activated. (Cache is the phone's memory that stores content downloaded in 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 4 **Start Browser** A (Select)

2 Please follow to the instructions on the display.

>While browsing a homepage, press **C** and you can select the following menus.

>To end Browser, press and hold **D** .

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



Setting Bookmark

Entering URL from Browser menu:

From **Browser** menu

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

Setting Bookmark from Homepage:

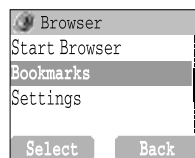
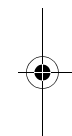
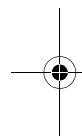
- 1 C > 4 **Bookmarks**
- 2 **Mark Site** > A
- 3 Enter **Folder** and **URL**
- 4 A (Save)

Browsing Bookmark

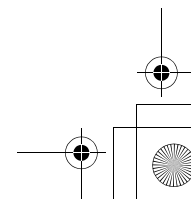
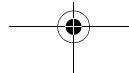
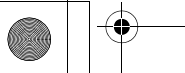
From **Browser** menu

- 1 4 **Bookmarks** A (Select)
- 2 4 required Bookmark @ (Launch)

Once you Bookmark your favourite page, you can quickly jump to the page.



54 Browser



Scheduler

Scheduler

 > Scheduler

Entering a Schedule

From **Applications** menu

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

The Scheduler can be used to register reminders for personal events as well as planning holiday periods. Set clock first. In the Scheduler, you can store:

*-Type (Memo or Meeting)
-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" on page 1 .



Viewing / Editing Scheduler

From **Applications** menu

1 4 **Scheduler** A (Select)

2 @ to select **Week** or **Month** format

3 When Month format is selected:

Select a day marked in blue by using the numerical keys

(1 , 5 , 2 and 9) A (Agenda)

When Week format is selected:

Schedule icon(s) will be shown corresponding to a period of time selected by pressing 4 .

(Period of time : 4 = 0:01-4:00, 8 = 4:01-8:00, 12 = 8:01-12:00,

16 = 12:01-16:00, 20 = 16:01-20:00, 24 = 20:01-0:00)

Select a day by using the numeric keys (1 , 5 , 2 and

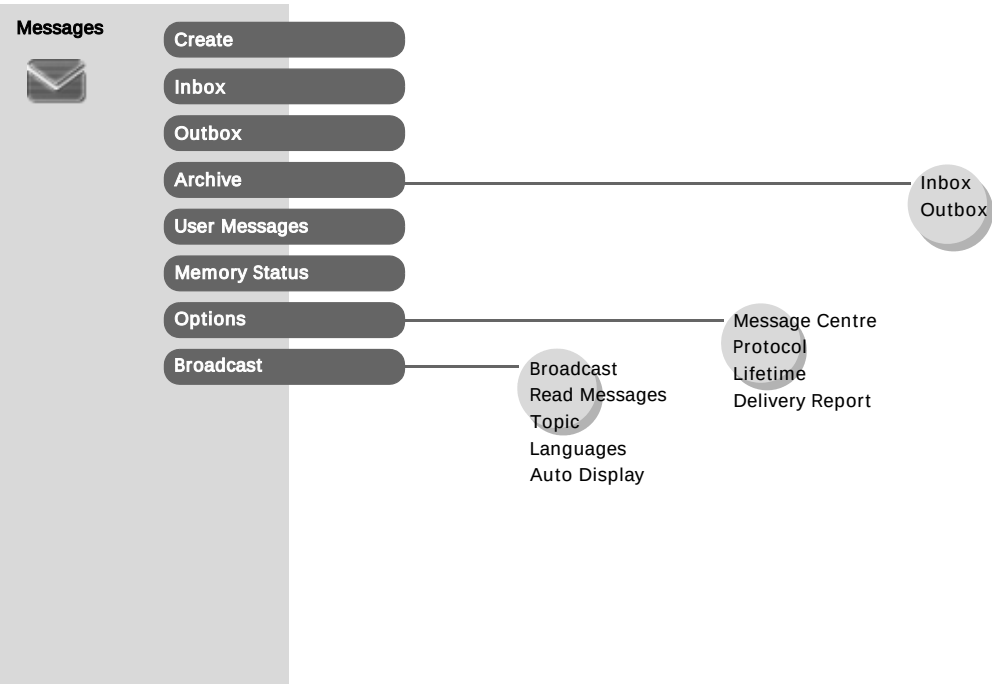
9) A (Agenda)

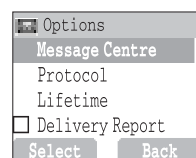
4 4 required schedule @ (View)

5 To return to the previous display, A (OK)

To edit @ (Edit), edit required information A (Save)

Messages Menu Structure





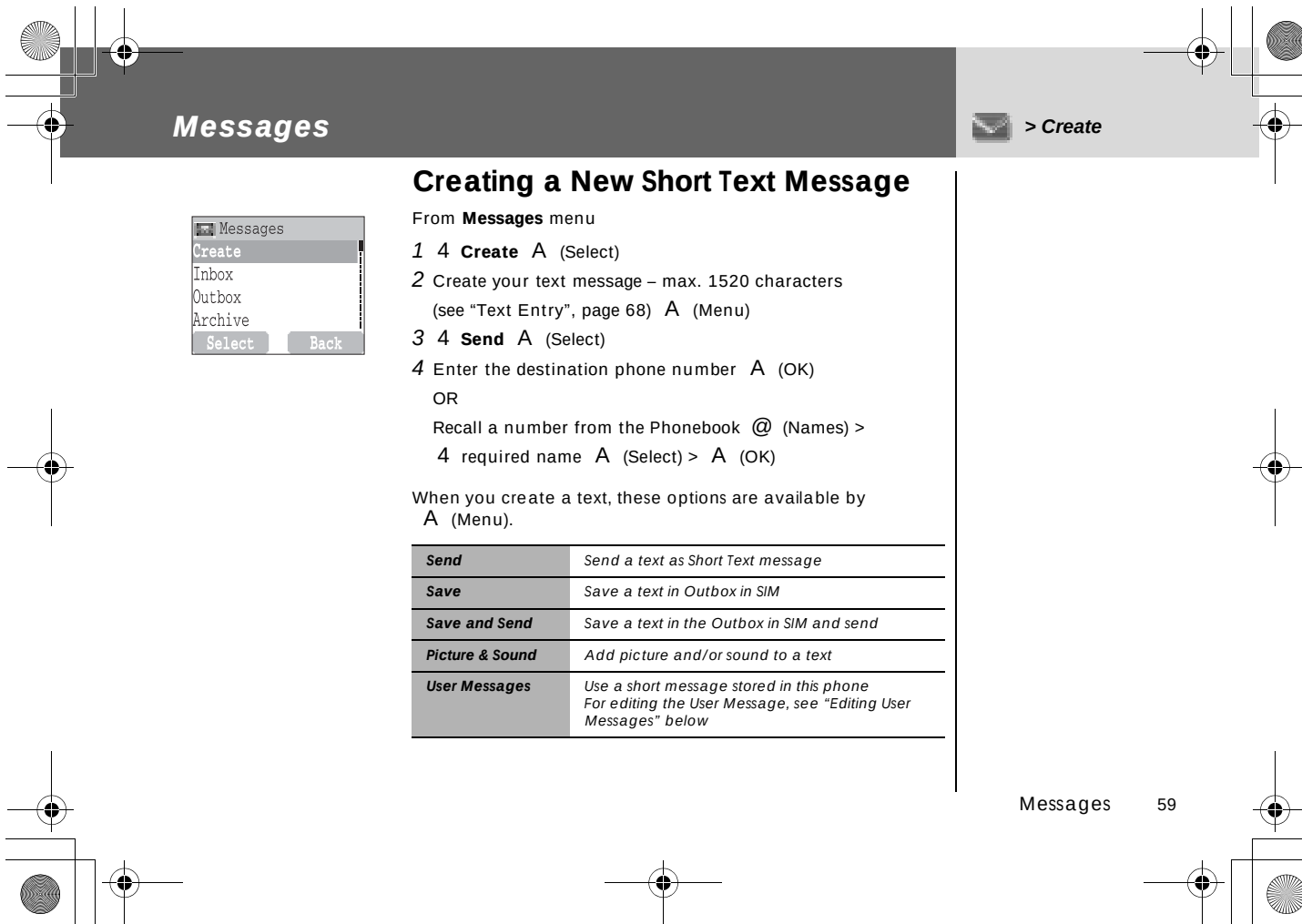
Setting the Message Centre Number

From **Messages** menu

- 1 4 **Options > Message Centre** A (Select)
- 2 Enter message centre number in international dial format
(see "International Dialling" on page 16) A (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 (Dependent upon the language being used), to any network that has a roaming agreement. (Dependent on the recipient's phone Options.) Before sending a message, you need to enter the Message Centre number into Options.



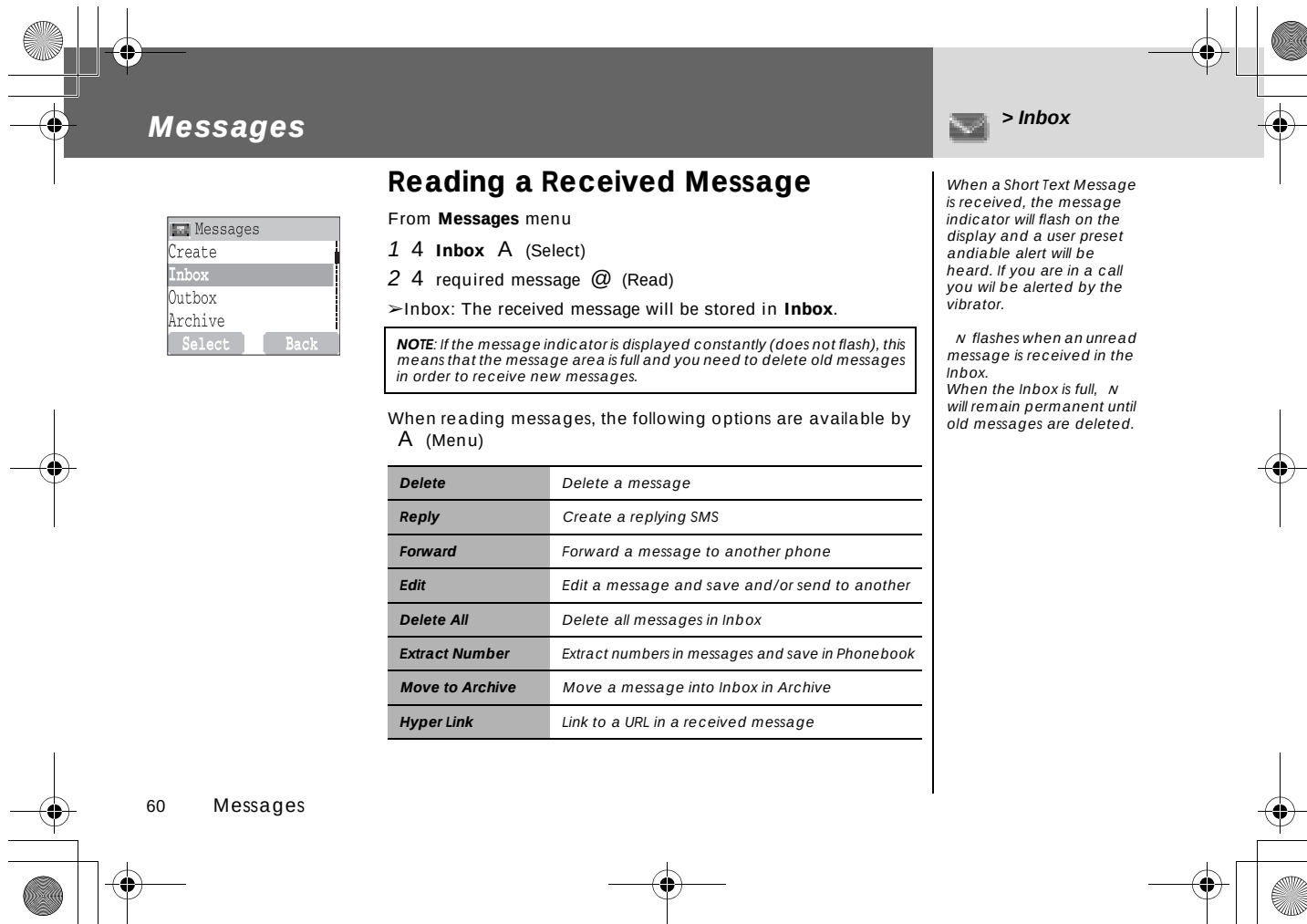
Creating a New Short Text Message

From **Messages** menu

- 1 4 **Create** A (Select)
 - 2 Create your text message – max. 1520 characters
(see “Text Entry”, page 68) A (Menu)
 - 3 4 **Send** A (Select)
 - 4 Enter the destination phone number A (OK)
- OR
- Recall a number from the Phonebook @ (Names) >
- 4 required name A (Select) > A (OK)

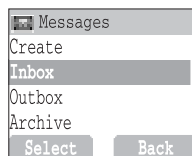
When you create a text, these options are available by A (Menu).

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



Messages

> Inbox



Reading a Received Message

From **Messages** menu

1 4 **Inbox** A (Select)

2 4 required message @ (Read)

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

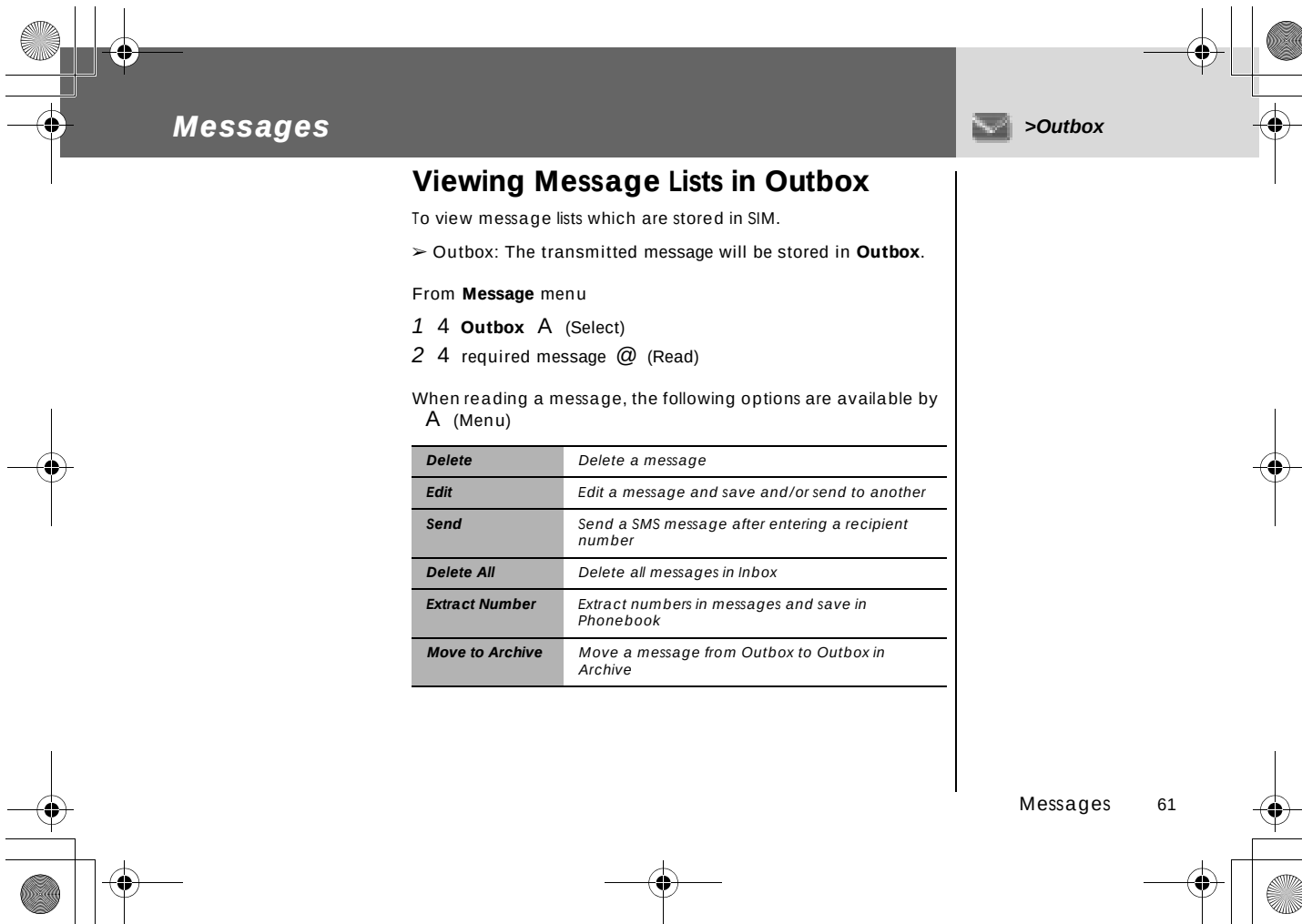
NOTE: If the message indicator is displayed constantly (does not flash), this means that the message area is full and you need to delete old messages in order to receive new messages.

When reading messages, the following options are available by A (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
Hyper Link	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 be heard. If you are in a call you will be alerted by the vibrator.

N flashes when an unread message is received in the Inbox. When the Inbox is full, N will remain permanent 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**.

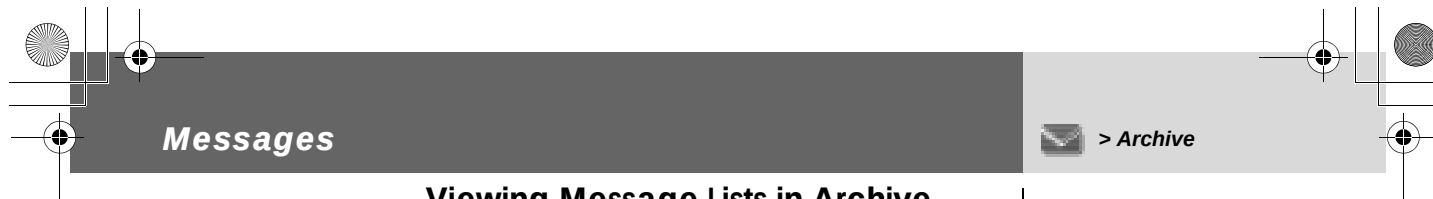
From **Message** menu

1 4 **Outbox** A (Select)

2 4 required message @ (Read)

When reading a message, the following options are available by
A (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 Inbox
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 the message received in Inbox is saved, the message will be saved to Inbox in Archive.
- **Outbox:** When the transmitted message in Outbox is saved, the message will be saved to Outbox in Archive.

From **Message** menu

- 1 **Archive** A (Select)
- 2 4 **Inbox/Outbox** A (Select)
- 3 4 required message A (Select)

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

Delete	Delete a message
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

