Editing the Contacts list

From Contacts list menu
1. ☼(Move) to a required entry
2. ◉(Menu)
3. ☼(Move) to a required entry
   OR
   enter an alphabet to skip to the first entry which
   starts with that letter
4. Press ◉(Select)
5. ☼(Move) to edit
6. Press ◉(Select)

> *Note:* You can enter Name and Tel number 1 only for SIM Contacts.

Making a call with the Contact list

From Contacts list menu
1. ☼(Move) to a required entry
   OR
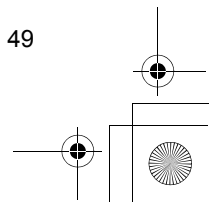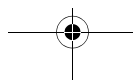   enter an alphabet to skip to the first entry which starts with that letter
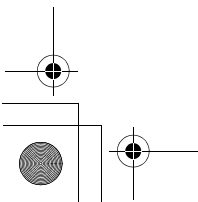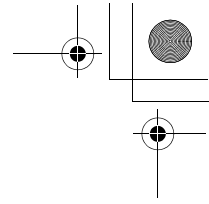2. Press ◟(Call)

From Contacts list menu
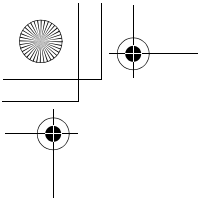1. ☼(Move) to a required entry
   OR
   enter an alphabet to skip to the first entry which starts with that letter
2. Press ◉(Menu)
3. ☼(Move) to Call
4. Press ◉(Select)

Sending messages

You can send messages through the Contacts list (see "Messages" on
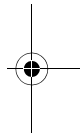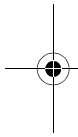page 69).
From Contacts list

1. ⓧ(Move) to a required entry
   OR
   enter an alphabet to skip to the first entry which starts with that letter
2. Press ⊙(Menu)
3. ⓧ(Move) to Create MMS or Create SMS/EMS
4. Press ⊙(Select)
5. Press ⊙(Select) the phone number
   Follow the steps in Messages (see "Messages" on page 69)

Delete the entry from the Contacts list

From the Contacts list
1. ⓧ(Move) to a required entry
   OR
   enter an alphabet to skip to the first entry which starts with that letter
2. Press ⊙(Menu)
3. ⓧ(Move) to Delete
4. Press ⊙(Select)
5. Press ⊙(Yes)

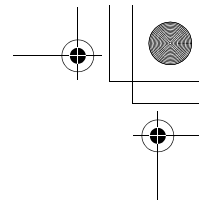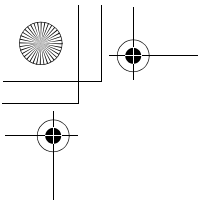## *Copy the entry to the other Contacts list*

From the Contacts list
1. ⓧ(Move) to a required entry
   OR
   enter an alphabet to skip to the first entry which starts with that letter
2. Press ⊙(Menu)
3. ⓧ(Move) to Copy
4. "Copy (entry name) to (SIM or Phone)?" is displayed
5. ⊙(Yes)
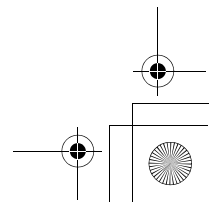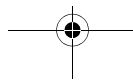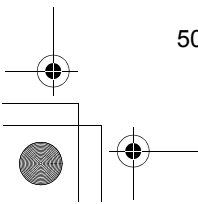
Create

SIM Contacts: You can store Name, Tel number and Location No.
Phone Contacts: You can store Name, 3 Tel numbers, 2 E-mail addresses, Ringtone type, Group, Hot key dial, Photo, Note and Location No.
From Contacts menu

Creating a new entry

From Contacts menu

1. ⓗ(Move) to Create
2. Press ⊙(Select)
3. ⓗ(Move) to SIM or Phone
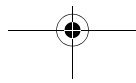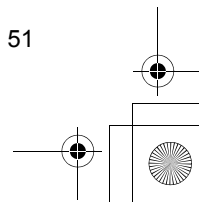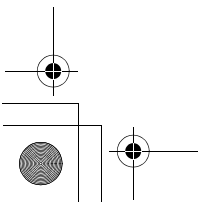4. Press ⊙(Select)

From Contacts list menu

1. Press ⊙(Menu)
2. ⓗ(Move) to Create
3. Press ⊙(Select)
4. ⓗ(Move) to SIM or Phone
5. Press ⊙(Select)
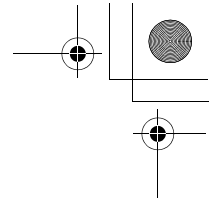
From Contacts list menu

1. ⓗ(Move) to [New entry]
2. Press ⊙(Select)

| Icons	Items	Icons	Items
🖀	Name	🕿	Hot key dial
🕿🕿🕿	Tel number 1 - 3	🖻	Photo
🖂🖂	E-mail address1, 2	🗒	Note
♪	Ringtone	🖼 or 🖼	Location
🖼	Group		
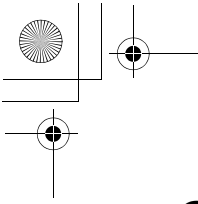
Groups

You can categorize Contacts list entries into 10 groups. You can name, select a particular ringtone and place photo as an icon for each group to identify the incomint call.

Viewing the Group

If there is no entry, you can add new entry ("Create" on page 51).
From Contacts menu

1. ♦(Move) to Groups
2. Press ◉(Select)
3. ♦(Move) to a required group
4. Press ◉(Select)
5.

Editing the Group

You can change the Name of the Group, Ringtone, Photo and set Default.
From Groups menu

1. ♦(Move) to a required Group
2. Press ◉(Select)
3. ♦(Move) to Edit
4. ◉(Select)
5. ♦(Move) to a required item
6. ◉(Change)
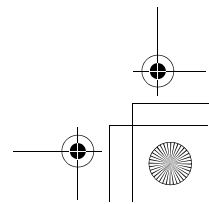
Memory status

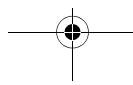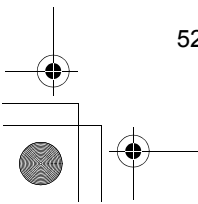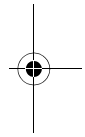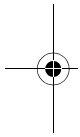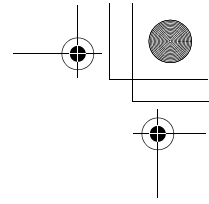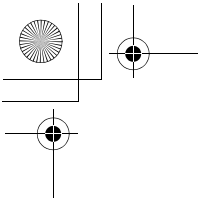Memory status shows how many locations are available in each Contacts list.
Also you can copy whole data onto the other Contacts list.
From Contacts menu

1. ⇕(Move) to Memory status
2. Press ◉(Select)
3. 2 bars indicating Contacts list Memory Status are displayed
   (in use location(s) / maximum locations)
4. Press ◉(Menu)
5. ⇕(Move) to a required action
6. Press ◉(Select)

> *Note:* Coppied datas will not be deleted from the Contacts list.
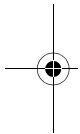
My numbers
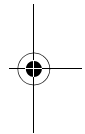
You can store and view your information such as names and phone numbers in
your SIM.
From Contacts

1. ⇕(Move) to My numbers
1. Press ◉(Select)
2. ⇕(Move) to a required number
3. Press ◉(Menu)
4. ⇕(Move) to View or Edit
5. Press ◉(Select)
6. ⇕(Move) to name or number
7. Press ◉(Edit)
8. Enter name or number
9. Press ▭(Save)
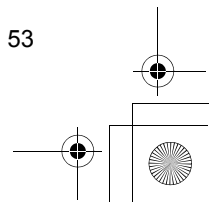
Voicemail

You can store the phone number of voicemail and make a call to check the voicemail.

From Contacts

1. ĝ(Move) to Voicemail
2. Press ◉(Select)
3. Press ◉(Menu)
4. ĝ(Move) to View or Edit
5. Press ◉(Select)
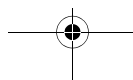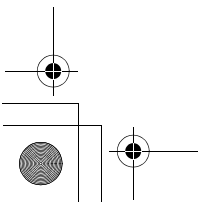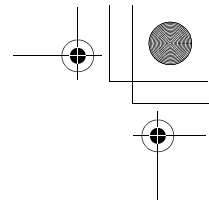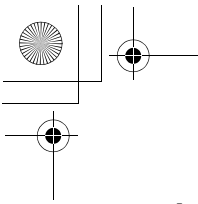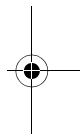6. ĝ(Move) to name or number
    OR
    Press ⌒(Call) to make a call
7. To edit, press ◉(Edit)
8. Enter name or number
9. Press ▭(Save)

Hot key dial

You can quickly dial the numbers which are assigned at each numeric keys ⬜
- 9️⃣ (see "Hot Key" on page 18).

Viewing Hot key dial list

From Contacts menu

1. ĝ(Move) to Hot key dial
2. Press ◉(Select)
3. Hot key dial list is displayed

Assigning Hot keys

While editing the Contacts list entry

1. ĝ(Move) to <Hot key dial>
2. Press ◉(Edit)
3. Enter a required number
4. Press ◉(OK)
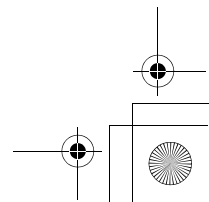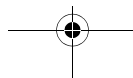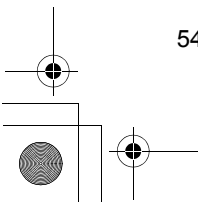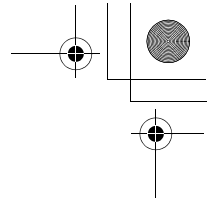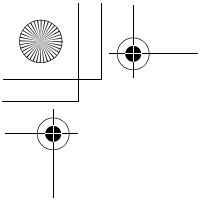
My Contacts

You can select from All, SIM or Phone to display in the Contacts list entries.
From Contacts

1. ◊(Move) to My Contacts
2. Press ◉(Select)
3. ◊(Move) to All, SIM or Phone
4. Press ◉(Select)
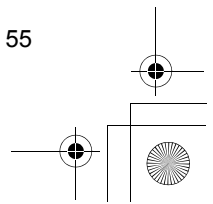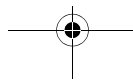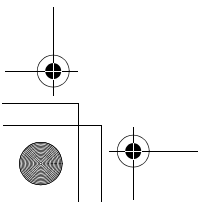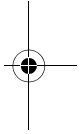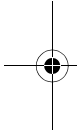
Games & Apps

Games & Apps

You can play preinstalled Java games and also downloaded Java games.

Playing a Java games

From Games & Apps menu

1. Press ◉(Select)
2. ◊(Move) to a required Java game
3. Press ◉(Select)
4. Start to load a Java game application

> *Note:* Most Java games include instructions.

Abort or Exit from the Java game

While in a Java game

1. Press ☏(End)
2. ◊(Move) to a required function
3. Press ◉(Select)

Viewing Details
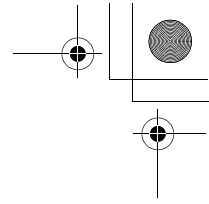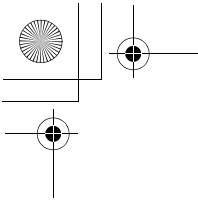
From Games & Apps

1. ◊(Move) to a required Java game
2. Press ▭(Menu)
3. Press ◉(Select)

Changing a Permission setting

From Games & Apps

1. ◊(Move) to a required Java game
2. Press ▭(Menu)
3. ◊(Move) to Permission
4. Press ◉(Select)
5. ◊(Move) to a required setting
6. Press◉(Select)

Settings

You can change the basic settings while on a Java game.

Volume

From Settings menu

1. Press ◉(Select)
2. ◈(Control) the volume

   ◌ or ◌ Volume up

   ◌ or ◌ Volume down
3. Press ◉(OK)

Backlight time

From Settings menu

1. ◌(Move) to Backlight time
2. Press ◉(Select)
3. ◌(Move) to On, 30 seconds or Off
4. Press ◉(Select)

Vibration

From Settings menu

1. ◌(Move) to Backlight time
2. Press ◉(Select)
3. ◌(Move) to On or Off
4. Press ◉(Select)

Accsess point

From Settings menu

1. ◌(Move) to Access point
2. Press ◉(Select)
3. ◌(Move) to a required network
4. Press ◉(Select)
5. ◌(Move) to Set as default or Edit
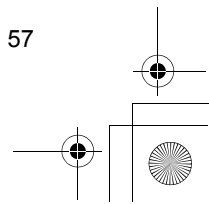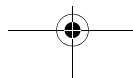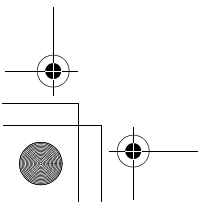
6. Press ◉(Select)

Editing a network setting
1. ◊(Move) to a required network
2. Press ◉(Select)
3. ◊(Move) to Edit
4. Press ◉(Select)
5. ◊(Move) to Rename or Connection
6. Press◉(Select)

Editing Connection
1. ◊(Move) to GPRS or CSD
2. Press ◉(Select)
3. Press ◉(Select) to edit
   Edit Logintname, Password, APN, Authentication
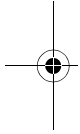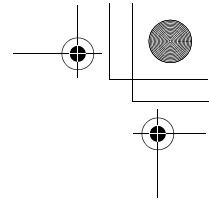
View Certification

From Games & Apps
1. ◊(Move) to View Certification
2. Press ◉(Select)
3. ◊(Move) to a required Certification
4. Press ◉(Select)
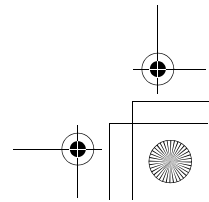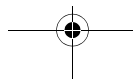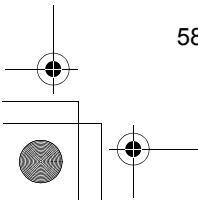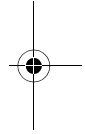
Browser

You can access Internet services supported by the network, such as news, weather reports and sport.

Starting the Browser

From Browser menu

1. Press ⦿(Select) Start Browser
2. WAP Browser will start to connect the network

> *Note:* When the server is not responding, press ⦿(Retry) or try again later.

Browser Menu

Navigating contents

Use the ⦿ to scroll through the contets on the screen. When linked text is highlighted, press ⦿(✓) to load the page.

⇕	Scroll up/down
◂O	Return to previous object
O▸	Return to next object

Using a Browser

While browsing the homepage

1. Press ⊟(Menu)
2. ⇕(Move) to Menu Browser
   OR
   Done to disconnect

Menu	Description
Back	Returns the user to the previous page
Go to URL	Enter URL

Menu	Description
Home	Displays the Home URL content as defined by the network operator
Inbox	
Bookmarks	Use, view, add and delete bookmarks
Save Items	To save images or other items from the current page
Snapshots	Take a snapshot of the current page
Reload	Reload and update the current page
Settings	Select and set Homepage URL Download parameters Restart Browser Security
About...	Information about the type of browser and security options

Bookmarks

Once you set your favourite page or frequently accessed page, you can jump to the page quickly. Not neccessary to enter the URL every time. Also you can assign the hot keys to jump to the page.

Adding a Bookmark

You can add a bookmark by entering the URL.
From Browser Menu

1. ☼(Move) to Bookmarks
2. Press ◉(✓)
3. ☺(Menu)
4. Press ◉(✓)
5. Enter Title and URL with ⁰⁺ - 9ʷˣʸᶻ
6. Select a folder
7. Press ◉(Save)

Adding a current page as a Bookmark

From Browser Menu

1. ◊(Move) to Bookmarks
2. Press ⦿(✅)
3. Press ⦿(✅) to Mark Site

Using Bookmarks

From Browser Menu

1. ◊(Move) to Bookmarks
2. Press ⦿(✅)
3. ◊(Move) to a required bookmark
4. Press ⦿(Go)

Managing Bookmarks
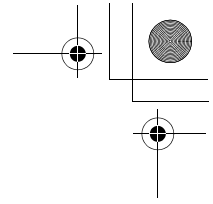
While viewing Bookmarks

1. ◊(Move) to a required bookmark
2. Press ⊡(Menu)
3. ◊(Move) to a required function
4. Press ⦿(✅)
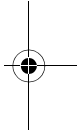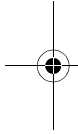
Details	Displays the infomation of the bookmark
Delete	Delete the Bookmark
New Bookmark	Add a new Bookmark
New Folder	Add a new folder to place the Bookmark
Move	Move a Bookmark in a folder
Move to Folder	Move a Bookmark into another Folder
Delete all	Delete all of the Bookmarks
Hot keys	Assign the Bookmark to keys
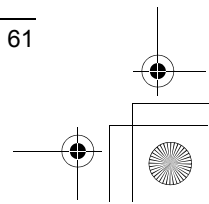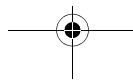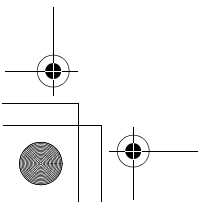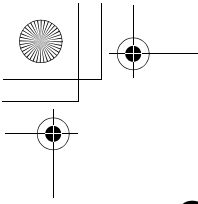
Set Profile

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. If you have any trouble with your nework settings, please contact your network service provider.

> **Note:** Modifying default settings may cause failure of using Browser. See Personal Settings table on page xx, for your record.

From Browser menu

1. ◊(Move) to Set Profile
2. Press ◉(Select)
3. ◊(Move) to a required network
4. Press ◉(Select)
5. ◊(Move) to Activate or Edit
6. Press ◉(Select)

To Activate the Browser

1. ◊(Move) to Activate
2. Press ◉(Select)

To Edit the Browser settings

1. ◊(Move) to Edit
2. Press ◉(Select)
3. ◊(Move) to a required setting
4. Press ◉(Select)
   You can edit following settings
   • Server name
   • Primary IP
   • Primary port
   • Secondary IP
   • Secondary port
   • Linger time
   • Homepage
   • Connections
   To edit connections, see "Editing Connection" on page 58

Camera

Shutter Key:
Turn the Camera/Video Preview mode on.
Press to take a picture or record a video clip.

Camera Lens

Self-portrait Mirror

Photo Light
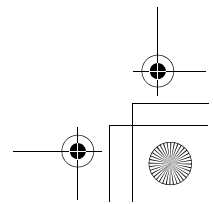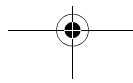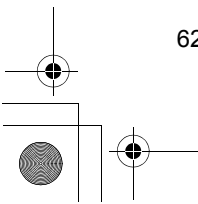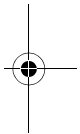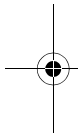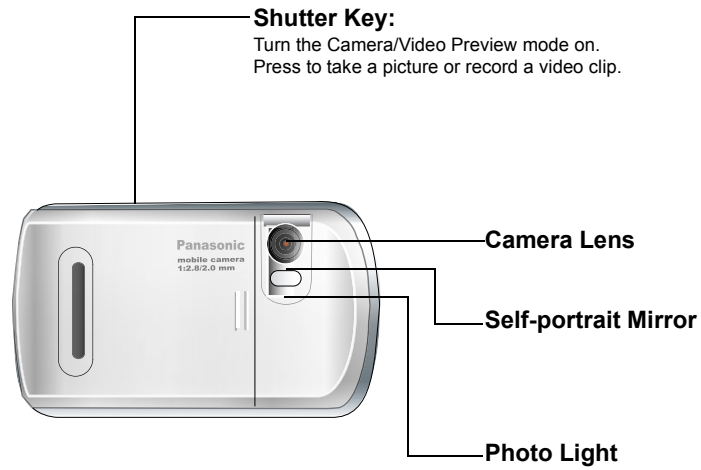
Key functions

Key	Function
ô ◀o	Zoom in Brightness up
ọ o▶	Zoom out Brightness down
◉ ⬭	Shutter
▭	Options
▭	Cancel
☏	Exit
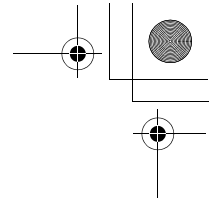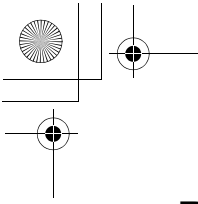
Preview mode

Launch the Camera/Movie Preview mode

• In Idle screen, Press ⊡(📷)

• From Main menu, ◉(Select) Camera (when Camera is selected as shortcut key)
• Press and hold the shutter key (when keylock is Off)

Controlling the Camera

Brightness
In Preview mode
Press ô ◄O to Brightness up
Press Q O► to Bright ness down

Zoom
In Preview mode
Press ô ◄O to Zoom in
Press Q O► to Zoom out

Taking a picture / movie
In preview mode
Press ◉(Shutter) or the shutter key
Press ◉(Shutter) or the shutter key again to stop the movie taking

Options

In Preview mode

1. Press ⊡(📋)

2. ◊(Move) to a required function

3. Press ◉(Select)

Photo light
You can turn the Photo light on when taking a picture in dark condition.
From Options menu

1. Press ◉(Select)

2. ◊(Move) to On or Off

3. Press ◉(Select)

Close up mode
You can turn the close up mode on when taking a picture at a close range.
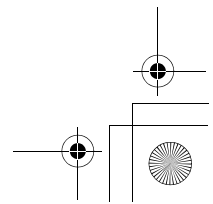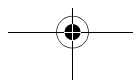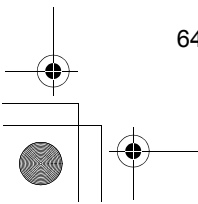
From Options menu

1. ⇕(Move) to Close up mode
2. Press ◉(Select)
3. ⇕(Move) to On or Off
4. Press ◉(Select)

Twilight mode
You can turn the Twilight mode on when taking a picture in low light conditions.
From Options menu

1. ⇕(Move) to Twilight mode
2. Press ◉(Select)
3. ⇕(Move) to On or Off
4. Press ◉(Select)

Image size
If you select Video size, Movie Preview mode is enabled.
From Options menu

1. ⇕(Move) to Image size
2. Press ◉(Select)
3. ⇕(Move) to a required size
4. Press ◉(Select)
    Following image sizes are available:
    *   VGA (640 x 480 pixels)
    *   QVGA (320 x 240 pixels)
    *   QQVGA (160 x 120 pixels)
    *   Wallpaper size
    *   Video size

Quality
You can choose the image quality of your picture.
From Options menu

1. ⇕(Move) to Quality
2. Press ◉(Select)
3. ⇕(Move) to Fine, Nomral or Economy
4. Press ◉(Select)

Effect
You can enjoy the variable effect on your picture.
From Options menu
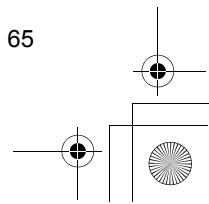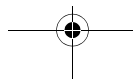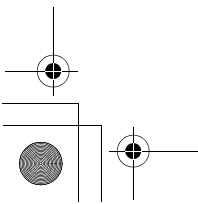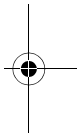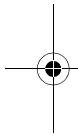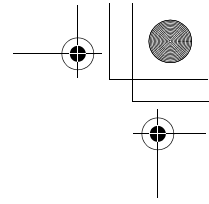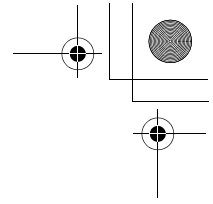
1. ☼(Move) to Effect
2. Press ◉(Select)
3. ☼(Move) to a required effect
4. Press ◉(Select)
    Following effects are available:
    *   Normal
    *   Sunset
    *   Monochrome
    *   Inverse
    *   Emboss
    *   Cold

Frames
If you set a Frame and take a picture, the picture will be decorated with fancy preinstalled frames.
From Options menu

1. ☼(Move) to Frames
2. Press ◉(Select)
3. ☼(Move) to a required frame
4. Press ◉(Select)
    Following Frames are available:
    *   Nomal
    *   Dreamy
    *   60s
    *   Experimental
    *   Love
    *   Noise
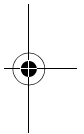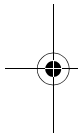
Self timer
Self timer delays shooting 10 seconds. Press the shutter and click sound will start. When you hear a Shutter sound which most at loud, picture is taken.
From Options menu

1. ☼(Move) to Self timer
2. Press ◉(Select)
3. ☼(Move) to On or Off
4. Press ◉(Select)

Change style
You can select the preview mode style.
In Preview mode
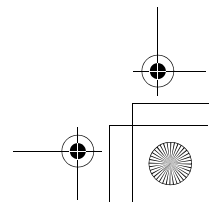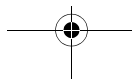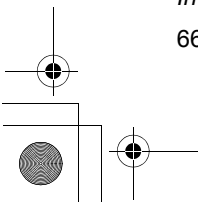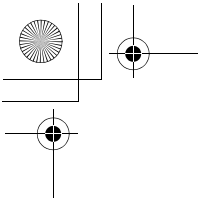
1. ᶿ(Move) to Change style
2. Press ⦿(Select)
3. ᶿ(Move) to Landscape or Portrait
4. Press ⦿(Select)
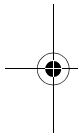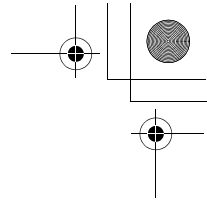
Shutter sound
You can change the sound when pressing the shutter.
From Options menu
1. ᶿ(Move) to Shutter sound
2. Press ⦿(Select)
3. ᶿ(Move) to a required sound
4. Press ⦿(Select)
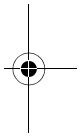
Anti flicker
The anti flicker indicates how many times an image appears on a display per second. The higher the Anti flicker, the less obvious the screen flicker is.
From Options menu
1. ᶿ(Move) to Anti flicker
2. Press ⦿(Select)
3. ᶿ(Move) to 60Hz or 50Hz
4. Press ⦿(Select)

Exit
You can Exit the Camera mode. You also can exit with pressing ⊚ anytime.
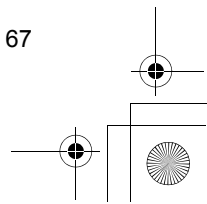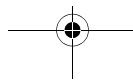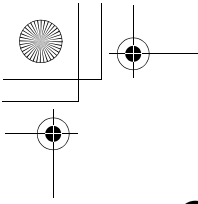
Capture mode

When you press the shutter, the image/movie is not saved yet and you can confirm and control before save.

In Capture mode

1. Press ☐(🔲)

2. ◊(Move) to a required function

3. Press ◉(Select)

   Following functions are avalable for a picture:
   • Create MMS
   • Set as wallpaper
   • Set as caller ID
   • Set as group ID
   • Rotation
   • Effect
   • Frames
   • Rename
   • Properties
   • Delete
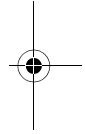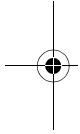
   Following functions are available for a movie:
   • Play
   • Create MMS
   • Set as wallpaper
   • Rename
   • Properties
   • Delete
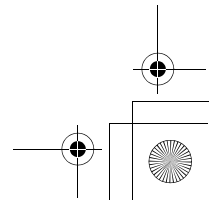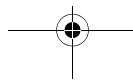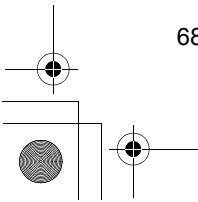
Messages

Your phone has various messaging features including SMS, MMS and EMS.
SMS/EMS – Enter the recipient's phone number to send text and images.
MMS – Attach images and music to text messages.

SMS/EMS: Setting up the Phone

It is possible to receive, display, edit and/or send text messages to mobile
phones on your service provider's network or any network that has a roaming
agreement (dependent on the recipient's phone parameters).
Before a text message can be sent, you must enter the Message Centre number
into Options (your Service Provider will supply the Message Centre number).
You should also select the protocol via which messages are sent, the storage
time (lifetime) and pick a delivery confirmation setting.
The Message Centre number may have been pre-programmed on the SIM.

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

Include the international dialling code in the Message
Centre number. Press ◉

Life Time
The lifetime is the duration that your messages are
stored at the Message Centre.
Delivery attempts will be repeated until the message has been delivered or the
Life Time expires.
From **Idle** press ◉, select **Messages** > **Setting** > **SMS/EMS** > **Life Time**.
Press ◉

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

Messaging Protocol
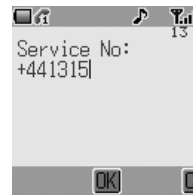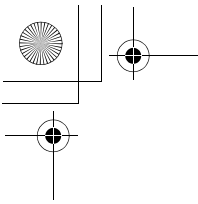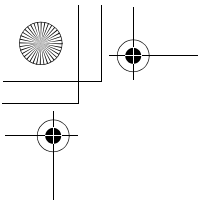
From **Idle** press ⊙, select **Messages** > **Setting** >
SMS/EMS > **Protocol**. Press ⊙
Select the appropriate protocol for sending
messages. Press ⊙

Delivery Confirmation Setting
From **Idle** press ⊙, select **Messages** > **Setting** >
SMS/EMS > **Report**. Press ⊙
Select **Yes** to enable delivery confirmation for your
messages, **No** to disable the function and **Ask** to
prompt the message recipient to acknowledge
receipt. Press ⊙
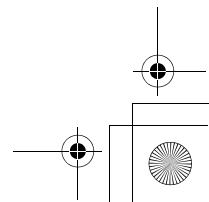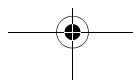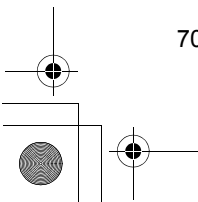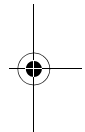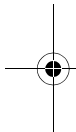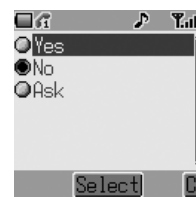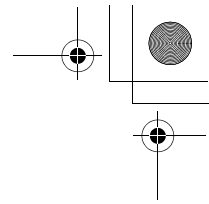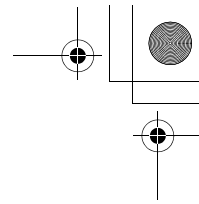
Creating a Text Message

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

2. Write text message. To change text input
   method (displayed in lower left corner of
   display), press ⊡. See *Text Entry*, page 81,
   for details.

   Use ⬦ to navigate through the message and
   position the cursor to add text

   Use ⊡ to delete the character to the left of the
   cursor
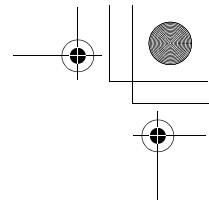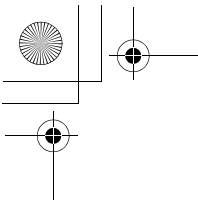
   Press ⦿ to cancel the message

3. Press ⦿ when you have finished composing
   the message

4. The submenu that appears gives the options
   of **OK**. Press ⦿. For information on adding
   attachments, see *Text Attachments* on page
   45

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

   Press ⊡ and select desired entry. Press ⦿,

   then ⊡ to save. Press ⦿ twice.
   - Manual entry:

   Press ⦿ twice. Enter destination number,

   then press ⦿ three times.
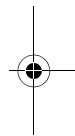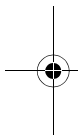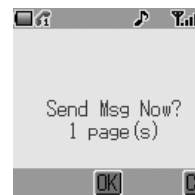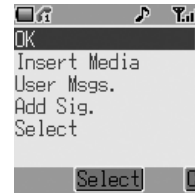
6. You will be asked **Send Message Now?** Press ⦿
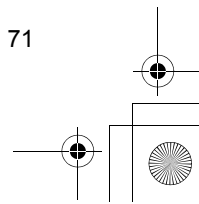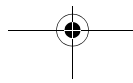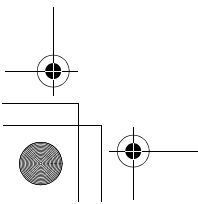
7. As the message is sent the sending message animation will display.

If Delivery Confirmation is enabled (see previous section) and the message is transmitted successfully, **Send message success!** will appear.
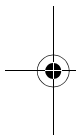
Sending User Messages
Your phone comes with several common message expressions preinstalled. To send user messages:

1. From **Idle** press ⊙, select **Messages** > **Create** > **SMS/EMS**. Press ⊙
2. Instead of writing the message content, press ⊙ and select **User Msgs**. Press ⊙. A list of the saved user messages will be displayed.
3. Select the desired user messages and press ⊙.
4. Send in the same way as for a standard text message. See page 43.
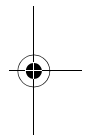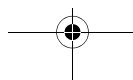
> *Note:* View your user messages at any time by going to **Messages** > **User Messages**. You can also use this menu to compose new user messages.

Text Attachments
When creating a text message, it is possible to include attachments (copyright permitting).
To include an attachment:

1. Follow the instructions on page 43 to write the text message then press ⊙. When the **OK/Insert Media/User Msgs./Add Sig./Select** submenu appears (see step 4 page 43), select **Insert Media**. Press ⊙
2. Use ǒ to select the file to be inserted into the text body. Press ⊙
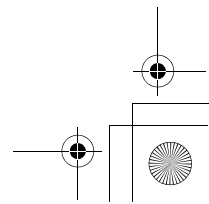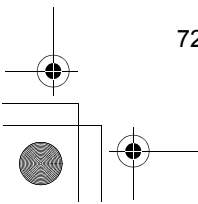
Concatenated Messages

SMS messages can be made up text and attached pictures or icons. If you want to send a larger message, your phone will automatically configure your message as a string of smaller messages and send these simultaneously. Concatenated messages such as this appear to a user as a single message.

Receiving Text Messages

When a Short Text Message is sent to your phone, the message **New Message(s)!** and the message indicator (✉) will appear in the display with an alert signal (this signal – an audible tone or vibration – is set in the **My Phone** > **Sound Settings** menu). This indicates that a new message has been received.

> *Note:* If the message indicator shows red the message area is full and you will need to delete old messages in order to be able to receive new messages in the future.

Reading immediately
When **Read** is displayed press ⦿ to read the message immediately. Use ◊ to navigate through the message and to identify the sender and the time the message was sent. With the phone number shown in the Sender field, press ◌ to dial the phone number.

Reading later
Received messages are stored in the Inbox.
From **Idle**, press ⦿ and select **Messages** > **Inbox**
Use ◊ to select a message to read (if there is more than one) and press ⦿ to view the message.
You can call the sender, or press ⦿ to view your other options (this submenu can also be viewed by pressing ⌨ when the message is highlighted in the Inbox).
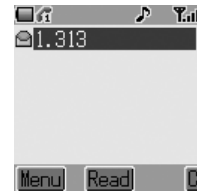
Responding to Text Messages
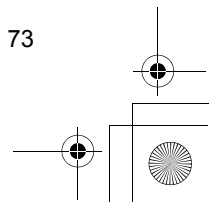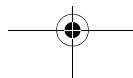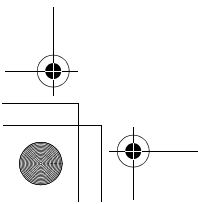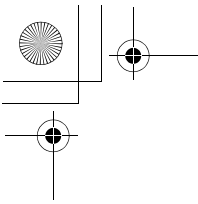
Press ◉ when you have read a message to view response options. Alternatively, highlight the message in the Inbox (**Messages** > **Inbox**) and press ◉. Choose to:

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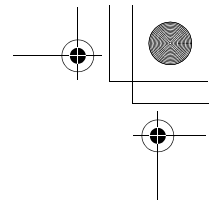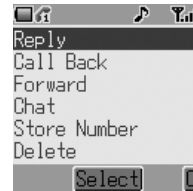
Chat SMS

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

1. **Either:** When reading a previously sent or received message, press ◉ and select **Chat**, press ◉ and/or enter your Nickname (up to 10 characters) – see *Text Entry*, page 81
   Or: Launch Chat SMS mode from **Idle** by pressing ◉ and selecting **Messages** > **Chat SMS** > **Start Chat**. Press ◉. Enter your Nickname. Press ◉
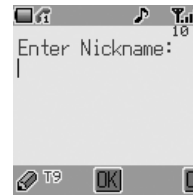
It is now possible to chat with the other party, providing they have the chat SMS facility on their phone. Enter your message – see *Text Entry*, page 81. Press ◉. Press ◉ again and enter the destination phone number if necessary (or browse and select from Phonebook). Press ◉
When receiving a message in chat mode, the text will appear automatically above your previous message.
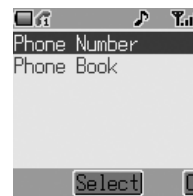
2. Press ◉, select **OK** to continue the chat

74 **Messages**
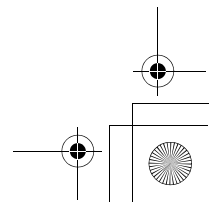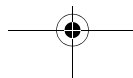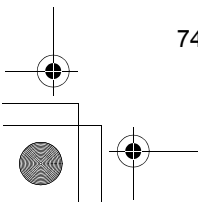
If the phone is not in chat mode when receiving a reply to a chat message, the reply will be received as a normal SMS. If a voice call is received when in chat mode, the phone will allow the user to accept the incoming call. The chat mode ends at this time.

Chat conversations are stored and can be viewed in the **History** folder.

To open the folder from **Idle**, press ◉ and select **Messages** > **Chat SMS** > **History**. Regular Chat users should clear the history regularly to free memory space.

MMS: Setting Up the Phone

Multimedia Messaging Service (MMS) Configuration must be performed before you can send or receive an MMS message. You can create up to three server profiles on the phone.

1. From **Idle** press ◉, select **Messages** > **Setting**
   > **MMS** > **Server List**. Press ◉
2. Select the server and press ◉
3. Use ◌̦ to select **Edit** and press ◉
4. Select **Bearer Type** or **MMS Setting** and press
   ◉ to start configuring settings
5. If **Bearer Type** is selected as **CSD**, set GPRS setting to off, see page 71
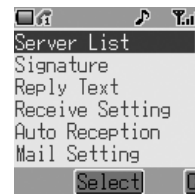
> *Note:* Your MMS settings may have been pre-configured by your service provider. Contact your service provider if you are unclear how to proceed.
> Use the **Messages** > **Setting** > **MMS** menu to configure other MMS settings.

Contact your service provider for details of required settings.

Creating an MMS Message

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

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

1. From **Idle** press ◉ and select **Messages** > **Create** > **MMS**. Press ◉
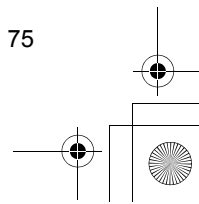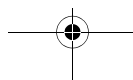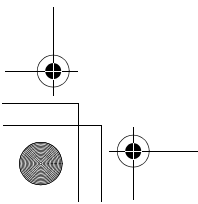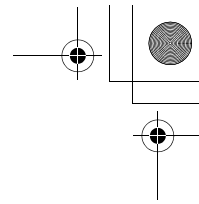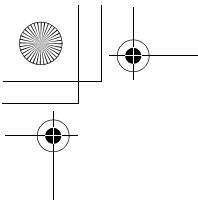
2. Compose the text part of the message (see *Text Entry*, page 81, for details of entry methods)
3. When the message is complete press ⊙
4. To attach a media file, follow the instructions on the following page. To continue without at-taching a media file, select **OK** from the submenu and press ⊙
5. Select **To:**, press ⊙. When [**New Entry**] is displayed, select an entry from Phonebook or enter the destination manually.
   - From Phonebook:

   Press ⊙ and select desired entry. Press ⊙,

   then ⊙ to save. Press ⊙ twice.
   - Manual entry:

   Press ⊙ twice. Enter destination number, then

   press ⊙ three times.
6. If desired, a message can be delivered as a

   copy to another recipient. To do this, use ◊ to select **Cc:**. Press ⊙ and follow the operation in step 5.
7. A **Bcc:** address or phone number is added in the same way. Bcc delivery differs from Cc delivery in that the original recipient (whose address is in the To: field) will not be informed of any copies sent to Bcc addresses
8. When the **To:** field has been filled and any required **Cc** or **Bcc** entries have

   been added, add the message subject heading. Use ◊ to select **Subj:**,

   press ⊙ and enter the subject heading. Press ⊙ to confirm, then press ⊙
9. Use ◊ to select **Send** or **Save** as appropriate.

   Press ⊙ twice
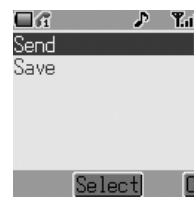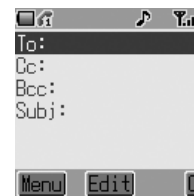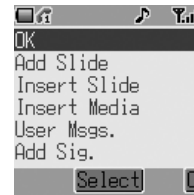
> *Note:* Saved messages are stored in the Outbox and can be edited and sent in the future.

Attaching Media Files
Media files such as voice files can easily be added to MMS messages.
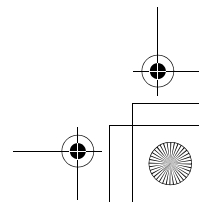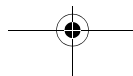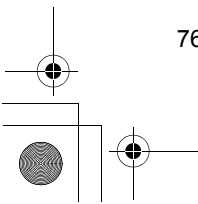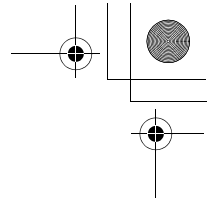
1. Compose a message following steps 1 to 3 on the previous page. Press ◉
2. From the submenu select **Insert Media**. Press ◉
3. Use ◊ to browse and select media files available on your phone. Press ◉
4. When you have selected files, press ◉
5. When settings are completed, press ◉ twice
6. Follow the MMS destination entry procedure from step 5 on page 49

Managing Message Lists

Selecting a stored message allows it to be read, replied to, edited or deleted.

Inbox
Messages received are stored in the **Inbox** and
tagged with icons:
✉ indicates an unread SMS/EMS message
📧 indicates an unread MMS message
From the Inbox, select a message. Press ◉ to read
the message or ◌ to view other options:

   Reply to the message
   Call Back the sender
   F**orward** the message
   Chat
   Store Number
   Delete the message
   Delete All messages from the Inbox
   Extract Media files from the message
   If any file is attached to the message)
   Edit the message content before forwarding or saving
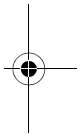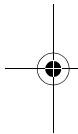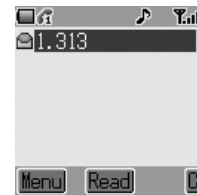
Outbox
Messages sent or edited are stored in the Outbox and tagged with icons:
✉ indicates an unsent SMS/EMS message
📧 indicates an unsent MMS message

Cell Broadcasts

You need to specify the topic(s) of information you wish to receive as
broadcasts before they can be received.
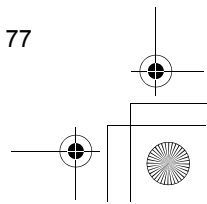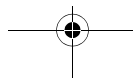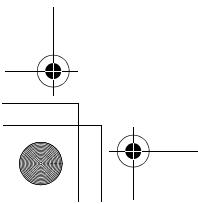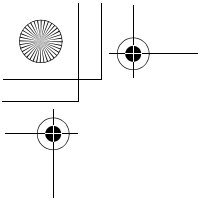
1. From **Idle** press ◉, select **Messages** > **Broadcasts** > **Topics** and press ◉
2. Select **[New Channel]** and press ◉ twice to insert a new topic
3. Enter Channel No. and press ◉

When a low priority broadcast has been received, ✉ will be displayed on the **Idle** screen. If a high priority broadcast is received, its text content will be displayed on the idle screen

Enabling/Disabling Cell Broadcasts

1. From **Idle** press ◉, select **Messages** > **Broadcasts** and press ◉
2. Select **Receive** and press ◉
3. Use ◌̂ to select **Enable** or **Disable** and press ◉
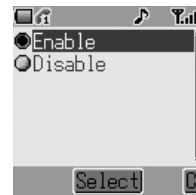
Language
The language in which broadcast messages displayed can be changed (◌̂).

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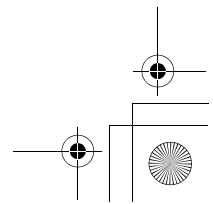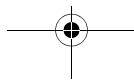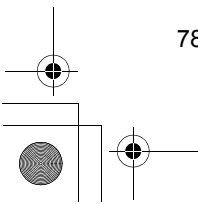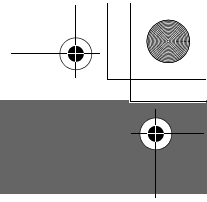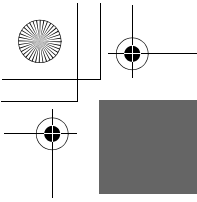
Scheduler

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

Viewing the Calendar

From Idle screen

1. Press ⦿(Menu)
2. ⬥(Move) to Calendar
3. Press ⦿(Select)

OR

1. Press ⬦(Calendar)

Moving the cursor

When the Calendar is displayed, the cursor is on the current day. To display next/previous month calendar, place the cursor on the Month and press ⬦. To display next/previous year calendar, place the cursor on the Year and press ⬦.
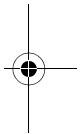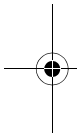
Creating a reminder

On Calendar

1. Press ⦿(On)
2. 0 - 9 or ⬦(Move) and set HOUR
3. ⬦(Move) to MINUTE
4. 0 - 9 or ⬦(Move) and set MINUTE
5. Press ⦿(OK)
6. Enter a title of the event
7. Press ⦿(OK)
8. Reminder list will be displayed
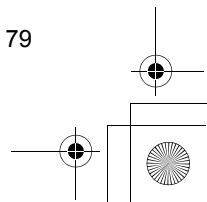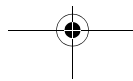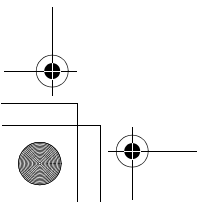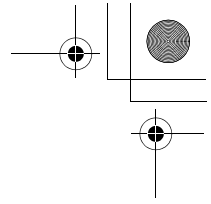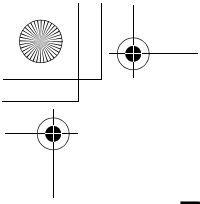
Reminder list

On Calendar

1. Press ⊟(List)
2. Press ⊟(Delete)
   OR
   press ◉(View)
3. Press ◉(Edit)
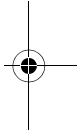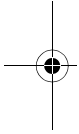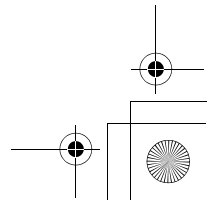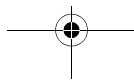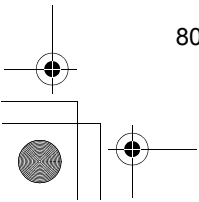
My Media

You can store your multimedia in each type of folders.

> *Note:* Changing SIM does not affect the contents of stored data.
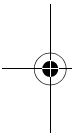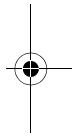
My Pictures

You can store the picture files and manage them. Picture files are displayed by icons and move the cursor with ⟐(Move).
From My Media menu

1. Press ⊙(Select)
2. Press ⊙(View)

   OR

   press ▭(Menu)
3. ⟐(Move) to a required function
4. Press⊙(Select)

   Following functions are available:
   - View
   - Set as group icon
   - Set as Caller ID
   - Set as wallpaper
   - Send
   - Display message info
   - Rename
   - Delete

My Animations

You can store the movie files and manage them. Movie files are displayed by icons and move the cursor with ⟐(Move).
From My Media menu

1. ⟐(Move) to My Animations
2. Press ⊙(Select)
3. Press ⊙(Play)

   OR

   press ▭(Menu)
4. ⟐(Move) to a required function
5. Press⊙(Select)

   Following functions are available:
   - View
   - Set as group icon

- Set as Caller ID
- Set as wallpaper
- Display message info
- Rename
- Delete
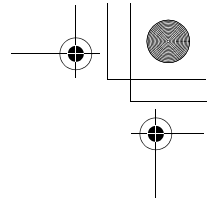
My Sounds

You can store the sound files and manage them.
From My Media menu

1. ⬍(Move) to My Sounds
2. Press ⬤(Select)
3. Automatically sound files are played
4. Press ⬤(Play) to play again
   OR
   press ▭(Menu)
5. ⬍(Move) to a required function
6. Press⬤(Select)
   Following functions are available:
   - Play
   - Set as ringtone
   - Send
   - Display message info
   - Rename
   - Delete
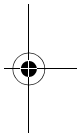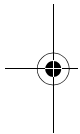
Memory Status

You can check the Memory Status occupied by media.
From My Media menu

1. ⬍(Move) to Memory Status
2. Press ⬤(Select)
3. Press ▭(Cancel)
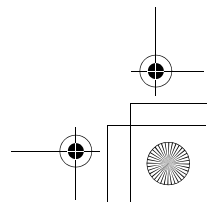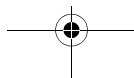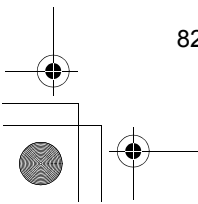
Applications

You can use variable preinstalled applications.

Games & Apps

See "Games & Apps" on page 56.

Alarms
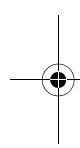
You can set 3 sets of the alarm to sound or vibrate when the set time is reached

> *Note:* Even when the phone is switched off at the alarm setted time, the phone will switch on automatically and start the alarm (see "Aircraft" on page 1). The phone stayed on after the alarm.

Setting the Alarm

From Applications

1. ⭷(Move) to Alarms
2. Press ⊙(Select)
3. ⭷(Move) to an empty alram set
4. Press ⊙(Select)
5. ⭷(Move) to a required type of alram
6. Press ⊙(Select)
7. ⏣ - ⏣ or ⭷(Move) and set the HOUR
8. ⭢(Move) to the MINUTE
9. ⏣ - ⏣ or ⭷(Move) and set the MINUTE
10. Press ⊙(OK)

    Following types of the alarm are available:
    • Time
    • Once
    • Daily
    • Mon to Fri
    • Mon to Sat
    • Melody
    • Cancel
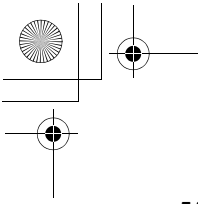
Muting the Alarm

When an alarm goes on, the chosen melody will sound and the display will flash with an alarm message. The alarm will sound for 55 seconds.

Ending the alarm

Press any key

To end the alarm
Press any key

Voice memo

You can record a two-way conversation while on a call. The maximum length of a recording is 16 seconds. Old recordings are overwritten; only one recording can be stored.
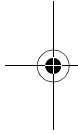
> *Note:* If a different SIM is installed, any voice momos will be lost.
> Security of a recording message is your responsibility. You must ask for the other party's sonsent before recording.
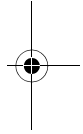
Recording a Voice memo

While on a call

1. Press ⊚(Select)
2. ⊚(Move) to Voice memo
3. Press ⊚(Select)

Playing a Voice memo

From Applications

1. ⊚(Move) to Voice memo
2. Press ⊚(Select)

Deleting a Voice memo

From Applications

1. ⊚(Move) to Voice memo
2. Press ⊚(Delete)
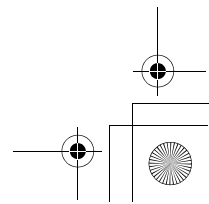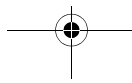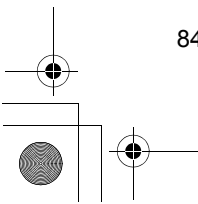
84   **Applications**

Sound recorder

You can record and make a sound file to use for ringtone.
From Applications

1. ⭣(Move) to Sound recorder
2. Press ⊙(Select)

Clock

You can set time and date, and select from various types of clock Format.

Time & Date

From Applications menu

1. ⭣(Move) to Clock
2. Press ⊙(Select)
3. Press ⊙(Select) Time & Date
4. Current setted Time and Date is displayed
5. ⭣(Move) to Time or Date
6. Press ⊙(Select)
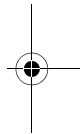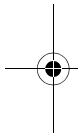
Setting Time
From Time & Date menu

1. Press ⊙(Select)
2. ⌷+ - ⑨ʷˣʸᶻ or ⭣(Move) and set the HOUR
3. ↻(Move) to the MINUTE
4. ⌷+ - ⑨ʷˣʸᶻ or ⭣(Move) and set the MINUTE
5. Press ⊙(OK)

Setting Date
From Time & Date menu

1. ⭣(Move) to a current setted date
2. Press ⊙(Select)
3. Calender is displayed
4. ⭣(Move) to a current date
5. Press ⊙(OK)
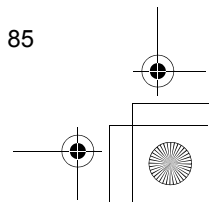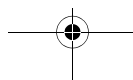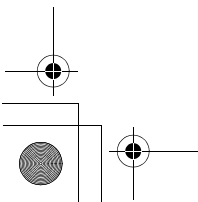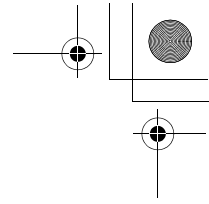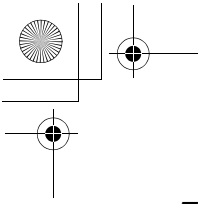
Format

From Clock menu

1. ♦(Move) to Format
2. Press ●(Select)
3. ♦(Move) to a required format
4. Press ●(Select)

Auto power on

You can set Auto power on and the phone switched on at the setted time automatically.

> ***Note:*** Even when the phone is switched off at the Auto power on setted time, the phone will switch on automatically and switched on (see "Aircraft" on page 1).

From Applications menu

1. ♦(Move) to Auto power on
2. Press ●(Select)
3. ⊡ - ⊡ or ♦(Move) and set the HOUR
4. ○►(Move) to the MINUTE
5. ⊡ - ⊡ or ♦(Move) and set the MINUTE
6. Press ●(OK)
7. ♦(Move) to a required setting
8. Press ●(Select)

Auto power off

You can set Auto power off and the phone switched off at the setted time automatically.
From Applications menu

1. ♦(Move) to Auto power off
2. Press ●(Select)
3. ⊡ - ⊡ or ♦(Move) and set the HOUR
4. ○►(Move) to the MINUTE
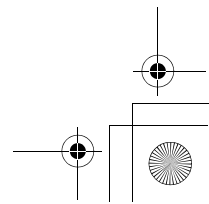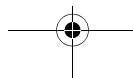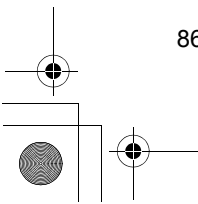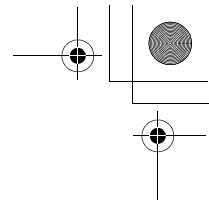
5. ⌊0 +⌋ - ⌊9wxyz⌋ or ⬦(Move) and set the MINUTE

6. Press ⊙(OK)

7. ⬦(Move) to a required setting

8. Press ⊙(Select)

Calculator

You can use the 4-function calculator (addition, subtraction, multiplication and division) to make simple arithmetic operations.

From Application menu

1. ⬦(Move) to Calculator

2. Press ⊙(Select)

3. Enter a number with ⌊0 +⌋ - ⌊9wxyz⌋ (maximum 8 digits)
   If a decimal point is required, press ⌊✱☆⌋.
   Press ⤵ to add "**-**" if needed.

4. Press ⌊#⧉⌋ to select arithmetic operation

5. Enter a number (maximum 8 digits)

6. Press ⊙(Select)
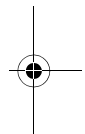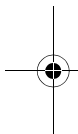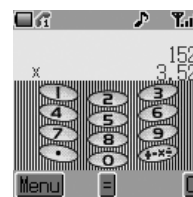
Conversion

You can covert from/ to a home currency using a currency rate.

From Calculator

1. Enter a number with ⌊0 +⌋ - ⌊9wxyz⌋ (maximum 8 digits)

2. ⊙(Menu)

3. Calculated number is displayed
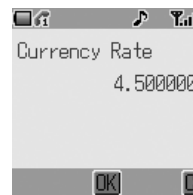
Currency rate

You can set Currency rate to convert to/from a setted currency.

From Calculator

1. Press ⊙(Menu)

2. ⬦(Move) to Currency rate

3. Press ⊙(Select)
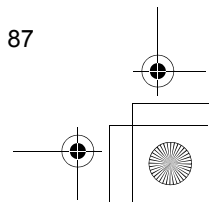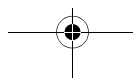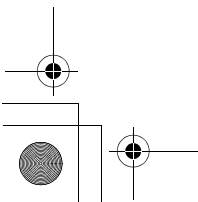
4. Enter a number with [0 +] - [9 wxyz] to six decimal places.

5. Press ●(OK)

Melody composer

You can compose your original melody and stored as a sound file, and use for a ringtone.

From Applications menu

1. ◊(Move) to Melody composer

2. Press ●(Select)

Composing a melody

You can play a melody while on composing.

From Melody composer menu

1. Press ●(Change)

2. Enter required notes with [0 +] - [9 wxyz], [✱ ⇧] and [# ⋇].

3. Press ●(OK)

4. ◊(Move) to Name

5. Press ●(Change)

6. Name the name of a melody with [0 +] - [9 wxyz]

7. Press ●(OK)

8. Press ▭(Save)

Key	[1]	[2 abc]	[3 def]	[4 ghi]	[5 jkl]	[6 mno]	[7 pqrs]
Note	C	D	E	F	G	A	B
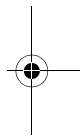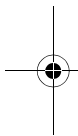
Key	[8 tuv]	[9 wxyz]	[0 +]	[✱ ⇧]	[# ⋇]
Note	Rest	Note Length	Set Octave	Dotted Note	Sharp

Format of the Notes

• The notes appear in the format like 2C4 [1] is pressed.

• The first number ("2" in this case) indicates the note octave. The default value is 2.
  Press [0 +] to change octave range from 1 to 3.

• The fourth number ("4" in this case) indicates the notes length.
  The default value is 1/4. Press [9 wxyz] to change note length range from 1 to 1/32.
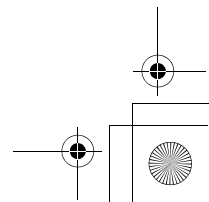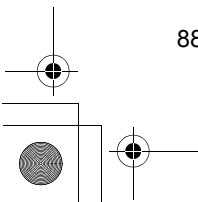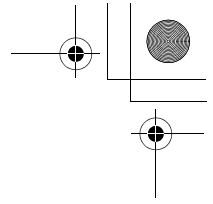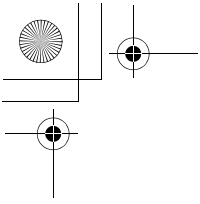
- Indicate dotted notes (i.e. notes extended in length) by pressing ✳.
- Add sharp values to notes by pressing #.
- Enter rests by pressing 8 tuv.
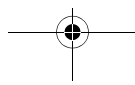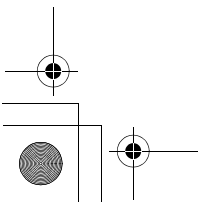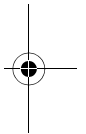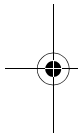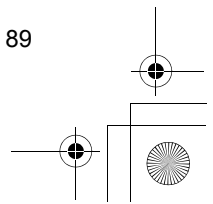
Trouble Shooting

Should any problem persist contact your dealer.

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

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

Important Error Messages

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

Unregistered SIM	The network has detected an authentication failure because your SIM is not registered with that network – contact your Service Provider
Invalid SIM	The SIM is blocked because one of the PIN/PIN2 unblocking keys (PUK/PUK2) has been entered incorrectly ten times – contact your Service Provider
Insert SIM	The phone has detected a problem with the SIM – switch the phone off and then back on; if the message is still displayed contact your Service Provider
Password Incorrect: Try Again	The SIM has failed one or more of the SIM personalisation checks – contact your Service Provider
Function Unavailable	The selected feature is either not supported by the SIM or is not available with the current subscription – contact your Service Provider
PIN2 Must Be Unblocked	The PIN2 is blocked permanently because the wrong PUK2 has been entered ten times, services controlled by PIN2 cannot be used – contact your Service Provider
only for MMS: Capacity Full!	A message has been received but the message store is full – to receive messages, delete some of the currently stored messages or set messages to Auto Delete
Phone Number Too Long (Max:20)	The edited or newly created Phonebook number is too long for the SIM
Capacity Full!	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted
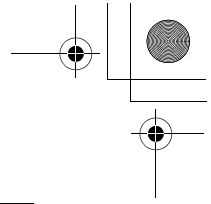
Unlock Code Incorrect. Try Again.	On changing the phone lock code, verification of the new code is incorrect – retry changing the lock code with correct verification Disabling or enabling the lock code has failed due to incorrect entry of the lock code – re-enter lock code
Incorrect: xx Tries Left	The entered code is incorrect – re-enter code correctly
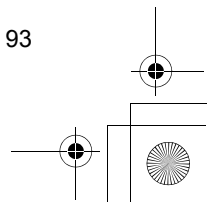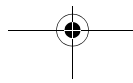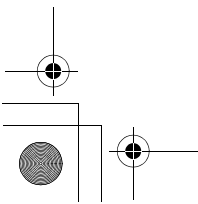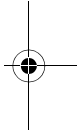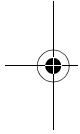
Glossary of Terms

APN	Access Point Name. Directs the user to the gateway or the required service
Cut	Permanently removes selected text from short text message
Copy	Copies selected text from short text message without removing it from the original message
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voice mailboxes etc.
EMS	Enhanced Message Service. Upgraded feature of Text Messages
GPRS	General Packet Radio Service. A GSM data transmission technique that transmits and receives data in packets rather than setting up a continuous channel. It makes very efficient use of available radio spectrum and users pay only for the volume of data sent and received.
GSM	Global System for Mobile Communications. The name given to the advanced digital technology that your phone uses
MMS	Multimedia Messaging Service. Attach images and music to text message
Network Operator	The organization responsible for operating a GSM network
PAP	Password Authentication Protocol. A security feature for the GPRS network
Password	Used for the control of the Call Bar. Supplied by your Service Provider
PIN	Personal Identification Number used for SIM security. Supplied by your Service Provider. If the PIN is entered incorrectly 3 times, the PIN will be blocked
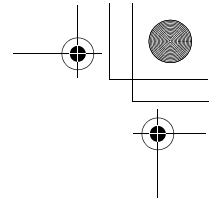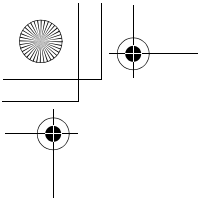
PIN2	Personal Identification Number used for the control of Fixed Dial Store and Call Charge metering. Supplied by your Service Provider. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked
PUK/PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your Service Provider. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked
Registration	The act of locking on to a GSM/GPRS network. This is usually performed automatically by your phone
Roaming	The ability to use your phone on networks other than your Home network
Service Provider	The organization responsible for providing access to the GSM/GPRS network
SIM	Subscriber Identity Module. A small smart-card which stores unique subscriber and user-entered information such as Phonebook and Short Messages. Supplied by your Service Provider
WAP	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone
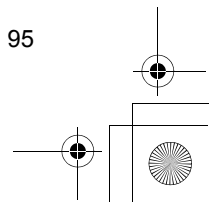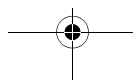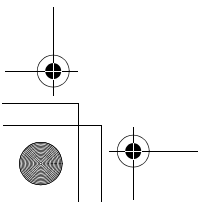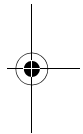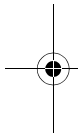
Specifications

Phone (Including Battery)

Type	GSM850 GSM1900
	GPRS Class 8
Temperature Range Charging Storage	+5ºC – +35ºC –20ºC – +60ºC
Weight	87g
Dimensions (mm) Height x Width x Depth	104 x 47 x 19
Supply Voltage	3.7 V DC, 740 mAh
Standby Time (hrs) Talk Time (hrs)	80 to 250 1.6 to 5
Charge Time (Phone off)	Up to 110 min.
Antenna	Internal
SIM Type	3 V
Phonebook Memory	200 + SIM
Memory Storage	576 KB

> *Note:* Charge time will be longer when the phone is turned on. Battery life is affected by the network being used and the condition of the battery. Talk and standby time will be dependant upon network conditions, SIM, backlight usage and battery condition.

CP8 Patent

CE0700

Standards New Zealand
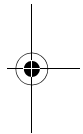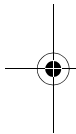
Tegic

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Republic of Singapore Pat. No. 51383; Euro. Pat. No. 0 842 463 (96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

OpenWave

OpenWave is a pioneer in the mobile data transfer industry, supplying voice and data revenue to the mobile communications sector.
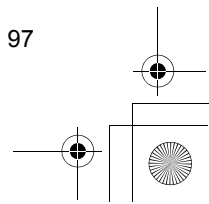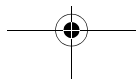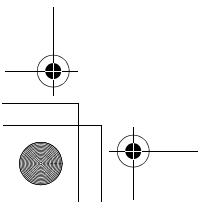
Statement according to FCC part 15.19:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Statement according to FCC part 15.21:

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

Statement according to FCC part 15.105:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

. Reorient or relocate the receiving antenna.

. Increase the separation between the equipment and receiver.

. Connect the equipment into an outlet on a circuit different from that to which the receiver isconnected.

. Consult the dealer or an experienced radio/TV technician for help.

RFExposure portable:

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter."

RF exposure FCC:

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the

FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

Health and Safety Information FCC:

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Detember 2003).

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.