

Panasonic P342i



 Bluetooth®

Operating Instructions Part 1 Digital Cellular Phone

Before operating this equipment please read these instructions (parts 1 and 2) completely.

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Overview of features

Your phone has the following features:

Bluetooth® connectivity

Use this to make and receive calls using wireless Bluetooth® Headsets or Car Kits. Also to transfer data to and from PCs, Laptops, other mobile phones and devices that support Bluetooth®.

Contacts list

Use this to store phone numbers, e-mail addresses and other details about people, so you can call and mail them quickly.

Calculator

Use this to perform basic calculations.

Camera

Use the digital camera to take pictures to send in your messages or use as your wallpaper.

Converter

Use this to convert currency values when you are abroad.

i-mode™ browser

Use this to access i-mode™ sites and services.

i-mode™ mail

Use this to send and receive mail using the i-mode™ service.

i-mode™ MMS (Multimedia Messaging)

Use this to send and receive pictures and sounds.

Infrared connectivity

Use this to transfer information between your phone and another device that has an Infrared port.

Java™ applications

There are Java™ games and other applications on your phone. You can download further applications from your service provider.

Schedule

Use this to set reminders for important events.

SMS (text messaging)

Use this to send and receive text messages.

SMS Chat

Use this to have a text conversation.

Synchronization

Use this to synchronize your Schedule and Contacts List with an external server.

Voice dial

Use this to dial a number by talking to the phone.

SIM and battery

SIM and battery

Fitting and removing the SIM

You insert the SIM into the back of the phone, underneath the battery.

If your SIM contains contact details, the first time that you browse your contacts list after fitting a new SIM, you are asked whether you want to transfer the SIM data to your phone.

Fitting the SIM



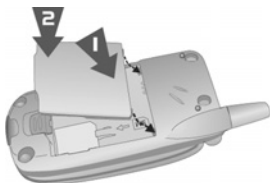
Removing the SIM



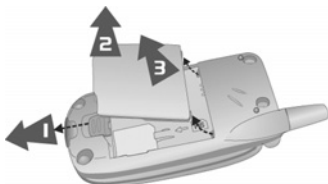
Fitting and removing the battery

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

Fitting the battery

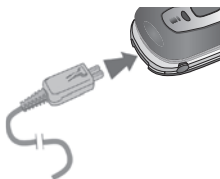


Removing the battery



Charging the battery

The battery must be fitted in the phone before you connect the charger. Press the button on the top of the connector and insert it into the base of the phone.







Connect the charger to the mains power supply. When the phone is charging, the charging indicator lights and a flashing icon appears in the main display and the case screen.


When charging is complete, turn off the mains power supply then press the button on the top of the connector and gently pull the lead to disconnect the charger.

Note: Do not force the connector as this may damage the phone and/or the charger.

While the battery is charging, the following icons appear on the phone's display and case screen:

	While charging	Charging complete
Phone on	 Flashing	
Phone off	 Flashing	No icon.
Charging problem	Charge fault icon (). See Troubleshooting on page 115 for details of what to do.	

Low battery warning


When the battery power is low, a warning tone sounds, and a flashing low battery icon () is displayed. If this happens during a conversation, end your call immediately. The power automatically shuts off after the warning tone. You need to fully recharge your battery, see Charging the battery on page 7. You can still make and receive calls while the battery is charging.

Quick start

Quick start

Note: Some services are network dependent or may only be available on a subscription basis. Some functions are SIM dependent. For more information contact your service provider.


Switching the phone on and off

To switch the phone on or off, press and hold .

If you have set an animation and greeting, these are displayed. The phone starts in idle mode.



Making calls

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

- ▶ From idle mode, enter the area code and phone number.
- ▶ Press .

Locking the keypad


You can lock the keypad to avoid accidentally making calls when the phone is in your bag or pocket.

- ▶ From idle mode press and hold .
- ▶ Select **Keyguard**.
- ▶ Press  twice.


To unlock the keypad:

Press  twice.


Camera mode


To change to camera mode either select **Camera** from the main menu (press  twice), or press and hold the memo key/camera shutter key from idle mode when the phone is closed.

Leaving camera mode

To leave camera mode press  to return to idle mode.

Taking a picture

- ▶ When you are in camera mode, move the phone around until you can see the image you want on the preview screen.
- ▶ Press  to capture the image.

If you decide that you do not want the image that you have taken, you can press  to delete it.

Setting the wallpaper

The wallpaper is a picture that displays when the phone is in idle mode.

- ▶ Select **Menu** > **Data Folders**.
- ▶ Find a picture.
- ▶ Select **Menu** > **Use As** > **Wallpaper**.

Or

- ▶ Select **Menu** > **Settings** > **Display** > **Wallpaper**.
- ▶ Select the folder where the picture is stored.
- ▶ Select your picture.

Setting the ring type

- ▶ Select **Menu** > **Data Folders**.
- ▶ Find a sound.
- ▶ Select **Menu** > **Use As**.
- ▶ Select the type of call.


Or

- ▶ Select **Menu** > **Settings** > **Alerts** > **Ring Type**.
- ▶ Select the type of call that you want to change.
- ▶ Select the folder where your sound is stored.
- ▶ Select your sound.

Setting quiet mode

In quiet mode the microphone amplifies your voice, so you can whisper and still be heard by the person on the other end of the call. You should use quiet mode in situations where you do not want to disturb the people around you.

In quiet mode, the phone does not ring when you receive a call or message, unless you set a ring volume for quiet mode.

From idle mode, press and hold .

Or

Select **Menu** > **Settings** > **Alerts** > **Quiet Mode** > **On/Off** > **On**.

Quick start


Using your browser


Before you can start using your browser, you need to contact your service provider. When your phone is set up to access the Internet see Internet on page 69 for information about using the browser.










Creating a mail message

Note: Before you use your mailer, see i-mode™ server on page 52 and check that one of the servers has been set.

To create a mail message:

- ▶ Select **Menu** > **i-mode** > **Mail** > **Create Mail**.
- or
- From the idle screen, press  > **Create Mail**.

Note: Using  as a shortcut to the **Mail** menu is dependent on your service provider.


- ▶ Press .
- ▶ Select **Subject**, then press  to enter a subject.
- ▶ Select **To:1**, then press  to enter an address
or
Select an address from your **Contacts List** by pressing  and selecting **Open Contacts**.
- ▶ Select **Message**, then press  to enter your message.
- ▶ To attach a file select **Attachment**, then press  twice to browse **Data Folders**.
or
Press , then select **Attach Image** or **Attach Melody**.
- ▶ Select the file that you want to attach.
- ▶ When your message is complete, select **Send** and press  to send your message, or
Press , then select **Send**.

To save your message, select **Save** and press , or press , then select **Save**. Your message is stored in the **Draft** so you can send or edit it later.








Creating a multimedia message

Note: Before you use your mailer, see i-mode™ server on page 52 and check that one of the servers has been set.

To create a multimedia (MMS) message:

- ▶ Select **Menu** > **i-mode** > **Mail** > **Create MMS**.
- or
- From the idle screen, press  > **Create MMS**.

Note: Using  as a shortcut to the **Mail** menu is dependent on your service provider.

- ▶ Press .
- ▶ Select **Subject**, then press  to enter a subject.
- ▶ Select **To:1**, then press  to enter an address.
or
Select an address from your **Contacts List** by pressing  and selecting **Open Contacts**.
- ▶ Select **SMIL**, then press  to edit your message.
To enter new text, select **Add Text** from the menu.
- ▶ To attach a file, select **Add Image** or **Add Audio** from the menu. You can then browse **Data Folders** and select the file that you want to attach.
- ▶ When your message is complete, select **Send** and press  to send your message.
or
Press , then select **Send**.

To save your message, select **Save** and press , or press , then select **Save**. Your message is stored in the **Draft** so you can send or edit it later.

Creating a text message

To create a text (SMS) message:

- ▶ Select **Menu > SMS > Create**, or select **Menu > i-mode > SMS > Create**, or press and hold **Ⓞ** then select **Create**.
- ▶ Enter your text.
- ▶ Press **Ⓞ**.
- ▶ Select **Ok** or **Cancel**.
- ▶ Press **Ⓞ** to send the message.
- ▶ Enter the phone number.
- ▶ Press **Ⓞ**.
- ▶ Select **Ok** or **Cancel**.
- ▶ If you selected **Ask** as your Receipt option, then you are asked '**Request Delivery Confirmation?**' Press **Ⓞ**, then select **No** or **Yes**.

Setting up the Bluetooth® headset

The Bluetooth® headset may be included with your phone or it is available as an optional accessory (EB-BHX70). It gives you wireless, handsfree operation up to approximately 10 metres.

Before you can use the headset you need to Pair the headset and the phone.

First you need to turn on Bluetooth® on the phone:

Select **Menu > Connect > Bluetooth > On/Off > On**, or select **Menu > Organiser > Connect > Bluetooth > On/Off > On** (if your SIM supports STK).


The Bluetooth® icon appears on the screen.

You now need to make the headset Discoverable, for more details please refer to the Headset Operating Instructions.

Note: To turn the EB-BHX70 headset on and make it Discoverable, hold down the main function key for 10 seconds.

The headset is only Discoverable for a few minutes. If it is not Discovered during this period, the Pairing fails. You can try again by making the headset Discoverable again.

Finally you need to Pair the devices:

- ▶ On the phone select **Discover & Pair**.
As the phone Discovers devices it displays them on the screen.
- ▶ When the headset name appears in the list you can select **Stop** to stop the search.
- ▶ If the phone does not Discover your headset, check that your headset is still Discoverable and press  to try again.
- ▶ Highlight the headset in the list.
- ▶ Select **Pair**.
- ▶ Enter the Bluetooth® Passkey provided with the headset.

Note: The Passkey for Panasonic EB-BHX70 Bluetooth® Headset is 0000.

The Pairing fails if you enter the wrong Passkey. Press **Retry** to try again.

You can select **Paired Devices** to confirm that the devices are Paired. This lists all the devices that are Paired with the phone.

Once the headset and phone are Paired, you can use the headset to make and answer calls. To make calls from your EB-BHX70 headset, the headset must be on. Press the main function button on your headset, then, after the tone, use voice dialling. To answer a call with your EB-BHX70 headset, the headset must be on. When the headset rings, press the main function button to answer the call. To end a call press the main function button again.

Setting up Bluetooth® car kits

Your phone works with a wide range of Bluetooth® car kits. With a Bluetooth® car kit you can operate your phone handsfree without plugging it into a car holder.

Before you can use your car kit you need to Pair it with the phone.

First you need to turn on Bluetooth® on the phone:


Select **Menu > Connect > Bluetooth > On/Off > On**, or select **Menu > Organiser > Connect > Bluetooth > On/Off > On** (if your SIM supports STK).

The Bluetooth® icon appears on the screen.

You now need to make the car kit Discoverable:

- ▶ Turn on the car kit.
- ▶ Make the car kit Discoverable. (See car kit instructions. Some car kits are permanently Discoverable).

Finally you need to Pair the devices:

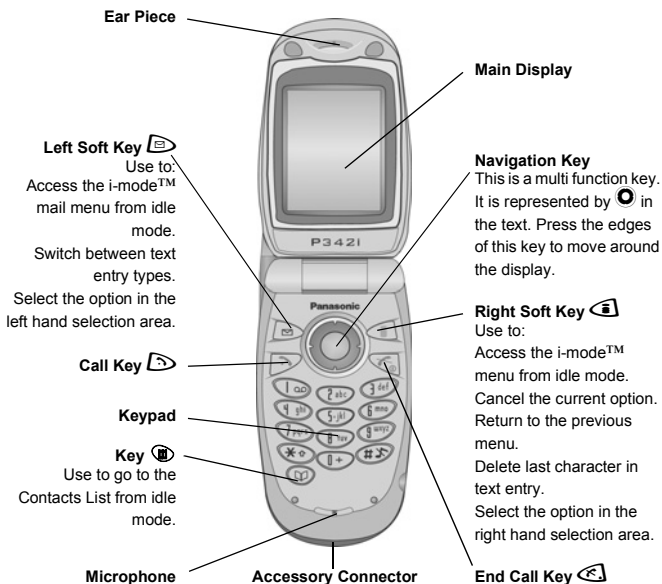
- ▶ On the phone select **Discover & Pair**.
As the phone Discovers devices it displays them on the screen.
- ▶ When the car kit name appears in the list you can select **Stop** to stop the search.
- ▶ If the phone does not Discover your car kit, press  to try again.
- ▶ Highlight the car kit in the list.
- ▶ Select **Pair**.
- ▶ Enter the Bluetooth® Passkey provided with the car kit.

You can select **Paired Devices** to confirm that the devices are Paired. This lists all the devices that are Paired with the phone.

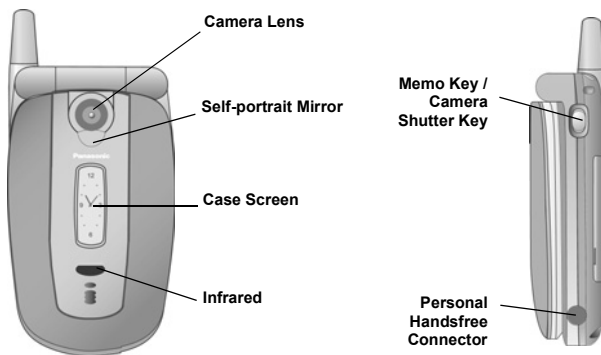
Once the car kit and phone are Paired, you can make calls and answer calls using the car kit. To make calls from your car kit, press the green call button on your car kit, then, after the tone, use voice dialling. To answer a call with your car kit, press the green call button. To end a call press the red end call button on your car kit.

Note: Voice dial recordings must be loud to ensure confirmation is audible when using some car kits.

Your phone



Your phone

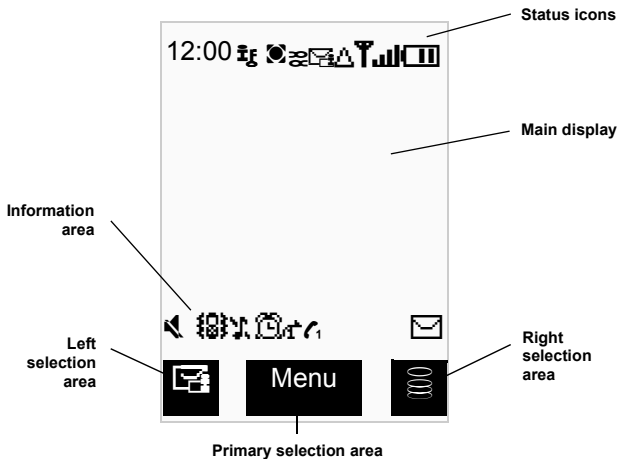


Display icons


























After some operations, the display automatically clears after three seconds or when you press any key.

Status icons

The status icons are displayed according to the currently activated functions. The antenna, GSM signal strength and battery icons are displayed when the phone is switched on and connected to a network.



Display icons

	Registered to a non-home network - Roaming.
	The selected line number of the current call when using a SIM that has two lines. This is SIM dependent. 
	The call you are currently listening to when you are connected to more than one call. Any other calls listed on the display are on hold. This is SIM dependent. 
	Call divert on.
	New message received. A flashing envelope indicates that your message store is full.
	GPRS service available.
	Antenna. Indicates that you can make a call. If it is the only icon displayed, you can only make emergency calls.
	GSM signal strength:  – weak signal,  – strong signal.
	Battery level:  – full,  (flashing) – low.
	Abnormal battery charging
	All tones off or ring volume off.
	Vibration alert on.
	Quiet mode on.
	Phone lock on.
	Alarm set.
	Bluetooth [®] on. Flashes when Discoverable.
	i-mode [™] connected, i-mode [™] connecting
	i-mode [™] locked
	unread mail



mail inbox full



mail on server. You may see only one of these icons. Some service providers use all three to indicate the type of mail on the server.



SSL page

Menu structure

Menu structure

The main menus are as follows:

Note: The menus may not display in the same order or with the same icons as listed here. The order and icons vary according to your service provider.



Settings

- 1 Display
- 2 Alerts
- 3 Keys
- 4 Phone Settings
- 5 Clock
- 6 Call Service
- 7 Call Divert
- 8 Security
- 9 Network
- 10 i-mode Server
- 11 i-mode Lock
- 12 Defaults



Contacts List

- 1 Browse
- 2 Create
- 3 Voice Dial
- 4 Groups
- 5 Settings
- 6 SIM
- 7 Storage
- 8 Service Dial
- 9 Info Numbers
- 10 Voicemail



Applications

(Java™ applications)



i-mode

- 1 i-Menu
- 2 Mail
- 3 SMS
- 4 Bookmarks
- 5 Internet
- 6 Page Memo
- 7 i-modeSettings



Camera



SMS

- 1 Create
- 2 Inbox
- 3 Outbox
- 4 Chat SMS
- 5 Review
- 6 Settings
- 7 Broadcasts



Data Folders

- 1 My Pictures
- 2 My Sounds
- 3 My Themes
- 4 Unknown
- 5 User1
- 6 User2
- 7 User3
- 8 User4
- 9 User5



Organiser

- 1 Synchronization
- 2 Contacts List
- 3 Converter
- 4 Business Card
- 5 Schedule
- 6 Calculator
- 7 Alarm
- 8 Memo
- 9 Receive Object
- 10 Connect (If SIM supports STK)



Connect






- 1 Bluetooth
- 2 Infrared Dialup
- 3 Receive Object



STK





This option is SIM dependent.

Navigation key

The navigation key is a multi-function key. You use the top, bottom, left and right edges to move around the display. These actions are indicated by , ,  and  in this user guide. You press the centre of the navigation key  to:


- Access the menu system.
- Display a submenu.
- Select a highlighted menu item.
- Confirm a selection.
- Select the item in the primary selection area.
- Take a picture with the camera

From the idle screen you can press and hold:

- The centre of the navigation key, , to go to the **Mobile Lock** menu.
- The up of the navigation key, , to start voice dialling.
- The down of the navigation key, , to go to the **Data Folders** menu.
- The right of the navigation key, , to go to the **SMS** menu.

Menu shortcuts


When you are familiar with the menu system, you can enter the menu number instead of navigating through the display menus. For example, to browse your contacts list:


From idle mode, press , 2, 1.

Voice calls

Voice calls

Making calls


Ensure that the phone is switched on, the network operator logo is displayed, and the antenna and signal strength icons () show that network coverage is available in the current area.

- ▶ From idle mode, enter the area code and phone number.
- ▶ Press .

Ending calls


Press .

Answering a call

To receive a call the phone must be switched on and the signal strength icon () must be displayed.

To answer a call, press any key except .

Answering a call handsfree

Press and hold .


Note: Do not hold the phone to your ear when in handsfree mode.

Sending DTMF tones during a call

You can send DTMF tones during a call to access voicemail, paging and computerised home banking. For example, you may need to enter a number to remotely access voicemail messages.

To send DTMF tones during a call, press the required digit keys.

Rejecting a call

If you do not want to answer an incoming call, press .

Note: If you do not answer a call, or reject a call, the number of incoming calls missed is displayed. Press any key to clear the display.

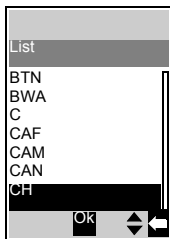
Making international calls

If you know the international number, you can enter it in the normal way, followed by the area code and phone number.

You can use the automatic international access code (+), to dial international numbers without knowing the code for the international exchange.

- ▶ From idle mode, press and hold **(+)** until + is displayed.
- ▶ Use **(↑)** to scroll through a list of country codes.
- ▶ Select the code you want.
- ▶ Enter the area code and phone number.
- ▶ Press **(↵)**.

Note: Many countries/regions include an initial 0 in the area code. In most cases, you should omit this when dialling international numbers. If you have difficulties making international calls, contact your service provider.



Making emergency calls

To make an emergency call, the antenna symbol (**Ⓜ**) must be present.

If a SIM is installed, enter 112 and press **(↵)**.

If a SIM is not installed, press **(Ⓜ)**, select **SOS**, press **(Ⓜ)**.

Note: Making emergency calls without a SIM installed is country or network operator dependent.

Voice calls

Voice calls using Bluetooth® headset or car kit

Making calls

You can use voice dial (see [Creating a voice dial entry on page 57](#) for instructions on how to use voice dial) to make voice calls from your Bluetooth® headset or car kit without pressing any keys on your phone. With some headsets and car kits you can also redial the last number (refer to your headset or car kit instructions for details).

To make a voice dial call using your Bluetooth® headset or car kit:

- ▶ Press the main function button on the EB-BHX70 headset, or the green call button on most car kits.
- ▶ Wait for the tone. Your phone displays **Please Call Voice Command**.
- ▶ Speak the voice command.
- ▶ Your phone repeats the voice dial entry back for confirmation. If you hear a double tone, then the voice command has failed.
- ▶ Your phone dials the number.

To end the call, press the main function button on the EB-BHX70 headset, or the red end button on most car kits.

Note: Bluetooth® must be switched on (**Connect > Bluetooth > On/Off > On**) and your Bluetooth® headset or car kit must be Paired with your phone, see [Discovering and Pairing devices on page 104](#) for details.

Your voice dial recordings need to be loud to ensure that they are audible when you use a car kit.

Receiving calls

You can answer voice calls using your Bluetooth® headset or car kit without pressing any keys on your phone.

When the Bluetooth® headset or car kit rings, press the main function button on the EB-BHX70 headset or the green call button on most car kits. This answers the call with audio on the headset or car kit.

To end the call, press the main function button on the EB-BHX70 headset, or the red end button on most car kits.

Note: Only the default Bluetooth® audio device rings. If this device is switched off or out of range, you can answer the call from any other Paired headset or car kit. See [Selecting default audio device on page 105](#) for details of how to select the default audio device.

Rejecting calls

To reject an incoming call:

- ▶ Wait until the headset or car kit rings.
- ▶ Press and hold down the main function key on the EB-BHX70 headset until you hear a low tone, or press the red end button on most car kits.

Transferring calls from handset to Bluetooth® headset or car kit

If you make a call using your handset, you can transfer the call to your headset or car kit once the call is connected.

- ▶ Press the main function button on the EB-BHX70 headset, or the green call button on most car kits.
- ▶ The display reads **Voice Call Bluetooth**.

Alternatively, you can select **Menu > Bluetooth**. The display reads **Transferring Audio to Bluetooth**, then changes to **Bluetooth Audio Transfer Succeeded**.


Note: If you transfer the call using the **Menu**, then the call is transferred to the default audio device. See *Selecting default audio device* on page 105 for information about selecting your default audio device.


Transferring a call from Bluetooth® headset or car kit to handset

If you make a call using your headset or car kit, you can transfer the call to your handset.

- ▶ On the handset, select **Menu**.
- ▶ Select **H'held**.

Using automatic redial

If a connection is unsuccessful, press  when **Ok** is displayed.

To stop redialling, press  when **Cancel** or **C** is displayed.

Using hotkey dialling

If you have set up hotkey dialling, you can press and hold a digit key to call contacts on your **Contacts List**. As each entry in your **Contacts List** is stored in a numbered location, press and hold the digit key relating to that location. To turn on hotkey dialling see *Enabling and disabling hotkey dialling* on page 60.


Displaying caller ID

Note: This is network dependent .

If the caller's number and name are stored in your **Contacts List**, they can be displayed during an incoming call.

Note: Caller ID may not always be available.

Setting the ear piece volume

During a call press  to adjust the ear piece volume.

Note: You can adjust the volume for the personal handsfree, Bluetooth® headset or Bluetooth® car kit accessories in the same way.

Swapping between handsfree and handheld modes

From handheld to handsfree

- ▶ Press .
- ▶ Select **H'free**.

From handsfree to handheld

Press  twice.

Holding a call

- ▶ Press .
- ▶ Select **Hold**.

Resuming a call

- ▶ Press .
- ▶ Select **Resume**.
- ▶ Press .




Making a second call

Note: This is network dependent .

If **Call Waiting** is enabled, you can make a second call. You can check your call waiting status from **Settings > Call Service > Calls > Call Waiting**.


Note: You cannot make more than one fax or data call at a time.

You must end all voice calls before you can make or receive a fax or data call.

- ▶ Press .
- ▶ Select contact number to dial.
- ▶ Select **Recall**.
- ▶ Press .
- ▶ Press .

The first call is put on hold.

Receiving a second call

Note: This is network dependent .

If **Call Waiting** is enabled, you can receive a second call. You can check your call waiting status from **Settings > Call Service > Calls > Call Waiting**.

Note: You cannot receive more than one fax or data call at a time.



You must end all voice calls before you can make or receive a fax or data call.

Accept or reject a second call

- ▶ Press .
- ▶ Select **Accept** or **Reject**.


Note: If you accept the second call, the current call is put on hold.


End current call and receive second call

- ▶ Press .
- ▶ Press  to answer the second call.

Operating during two calls

Swapping between calls

An icon  indicates the selected line number of the current call, when connected to two calls.

- ▶ Press .
- ▶ Select **Swap** to change to the other call.

Ending current call

- ▶ Press .
- ▶ Select **End**.

Ending both calls

Press .

Transferring a call

When you are connected to two calls, you can connect them together, and end your connections, leaving the two callers to talk to each other.

- ▶ Press .
- ▶ Select **Trans**.


Note: You cannot do this while in multi-party mode.

Multi-party calls

Note: This is SIM dependent .

In a multi-party call three to six people can have a conversation at the same time. You can swap between a multi-party call and another call as you do for two separate calls.


Enabling a multi-party call

- ▶ With two calls connected (one active and one on hold), press .
- ▶ Select **Merge**.

All three parties can now talk to each other.

Adding people


You can add people to the multi-party call (up to a maximum of five), either by making a call or accepting an incoming call. You can then merge the new call into the multi-party.

- ▶ Press .
- ▶ Select **Merge**.

Note: When you make a call or accept an incoming call, the multi-party call is placed on hold. The other callers in the multi-party call can continue to talk to each other while on hold from you.

Splitting a multi-party call

You can select a caller from the multi-party call and remove their connection, so that you can talk privately to them.

- ▶ Press .
- ▶ Select **Option**.
- ▶ Select a caller.
- ▶ Select **Split**.


The selected caller is split from the multi-party and the multi-party call is placed on hold. The remaining multi-party callers can still talk to each other.

Rejoining a multi-party call

When you have finished talking to an individual you can rejoin the multi-party call:

- ▶ Press .
- ▶ Select **Merge**.

Ending a single connection to a multi-party call

- ▶ Press .
- ▶ Select **Option**.
- ▶ Select a caller.
- ▶ Select **End**.

Note: You cannot end an individual caller if you have a call on hold or another call is incoming.

Ending all connections to a multi-party call



Press .

Note: This ends all calls, including those on hold or split from the multi-party call.

Voice calls

Using the notepad

During a call you can enter numbers that you may want to dial when you have finished the call. You can make a note of these numbers on the notepad.

- ▶ Enter the number.
- ▶ When you have finished your call, press  to dial the number.
or
- ▶ Press  while the number is displayed to store the number in your **Contacts List**.
The current call remains active.

In call options



During a call select **Menu** to access the following menus:













Schedule, **Contacts List**, and **Memo**.

For information on using these menus, see the relevant section in this user guide.

Text entry

You use alphanumeric characters to enter details into the **Contacts List**, to create text and e-mail messages.

There are five different text entry modes: normal (ABC or abc), Greek (ABΓ), extended alphabet (AÄÅ), numbers (0-9) and T9® (T9). To change your text entry mode press , or select **Menu > Input Mode**, and select the mode that you want. The icon for the current mode appears in the information area on the display. To change between upper and lower case letters press . The table below shows the characters that you can enter in the different text modes.

	Text Mode				
Key	T9®	Normal (ABC)	Greek	Extended	Numeric (0 - 9)
	Alternatives	+ _			0 + P _
	Punctuation	. @ / : ; * # + - " ' ! ? _ () [] { } ' & % \ ^ ~ < > = € £ \$ ¥ ¢ §			1
	abc	ABCabc	ABΓ	AÄÅÆBCCÇ ääåæåbc	2
	def	DEFdef	ΔEZ	DEÉFdeéèf	3
	ghi	GHIghi	HΘI	GHIghii	4
	jkl	JKLjkl	KΛM	JKLjkl	5
	mno	MNOmno	NΞO	MNŃOŃŃm nñoðøò	6
	pqrs	PQRSpqrs	ΠΡΣ	PQRSpqrsß	7
	tuv	TUVtuv	TYΦ	TUÜVtuüùv	8
	wxyz	WXYZwxyz	XΨΩ	WXYZwxyz	9
	Shift/Lock	Shift/Lock		Shift/Lock	*
	Space				#



Note: The characters available in T9®, depend on the language you are using.

Text entry

T9®


Using T9® reduces the number of key presses required.

When in T9® mode:



- ▶ Press a key once for any letter you require on that key. The desired letter may not be displayed.
- ▶ Continue pressing other keys until the end of a word is reached.
- ▶ Check that the word has been typed correctly before continuing to the next word.
- ▶ If the combination of letters typed has produced a word which is not the one you require, press  or  until the correct word is displayed.
- ▶ Continue to the next word.
- ▶ If the word you require is not in the internal dictionary, you can enter it using the Normal mode, or add it to the internal T9® dictionary.

Adding entries to the T9® dictionary

If the internal T9® dictionary does not contain a word, name, or abbreviation that you require, you can add it. Words that you add to the T9® dictionary are available for future use.


- ▶ From Normal, Extended or Greek mode, enter the required word.
- ▶ When the word is complete, press  to select T9® entry mode.


Entering text


In Normal, Greek and Extended modes, each time you press a key in quick succession the next character available on that key is displayed. For example, to enter 'c' you need to press  three times in quick succession. To enter the displayed character, release the key or press another key. The cursor then moves to the next position. If you want to enter two consecutive letters from the same key, for example 'on' or 'll', you may need to press  to move to the next position.


You can also select characters from the character list. You can display the character list by pressing and holding a text entry key, or by selecting **Menu > Char.List**. Only the characters available in your current text entry mode are displayed.

Editing text

Press  to move up or down one line of text.

Press  to move left or right one character.

Press  to delete the character to the left of the cursor.

Press and hold  to delete the current line.

If you move the cursor over a character and press another key, the new character is inserted immediately before the selected character.

Cut, copy and paste

You can cut, copy and paste text from other messages or contacts list entries on your phone.

To cut text:

- ▶ Select **Menu** > **Cut**.
- ▶ Move to the start of the text that you want to cut, and select **Start**.
- ▶ Use **⬅** to highlight the text that you want to cut, and select **Stop**.

To copy text:

- ▶ Select **Menu** > **Copy**.
- ▶ Move to the start of the text that you want to copy, and select **Start**.
- ▶ Use **⬅** to highlight the text that you want to copy, and select **Stop**.

You can only paste text if you have previously cut or copied some text. To paste text:

- ▶ Move where you want to paste the text.
- ▶ Select **Menu** > **Paste**.

Entering pictographs

You can enter pictographs in i-mode™ mail, when you enter text. To enter a pictograph press **Ⓞ**, select **Pict. List** then select the item that you want in your message.

Note: You cannot enter pictographs in SMS, Data Folders, Contacts List and Schedule.

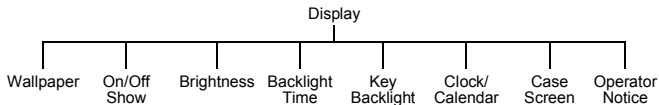
Settings



Settings

Use the **Settings** menu to personalise your phone.


Display



Setting the wallpaper

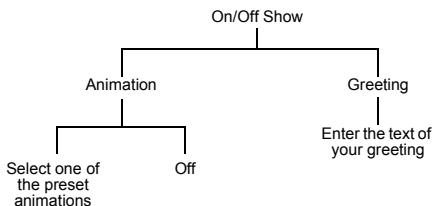
The wallpaper is a picture that displays when the phone is in idle mode.

- ▶ Select **Wallpaper**.
- ▶ Select your picture.

If your picture is not in the folder press  then select another folder.



Changing the start up events

The start up events are an animation that you can select and a greeting that you enter. These appear when you turn on the phone. The animation is also shown when you turn off the phone.



Setting the brightness

You can adjust the brightness of the display. To make the display brighter select +1, to dim the display select -1.

- ▶ Select **Brightness**.
- ▶ Use  to move between +1, 0 and -1.
- ▶ Press .

Setting the backlight time

The **Backlight Time** is the time that your screen remains lit when you are not using your phone.

- ▶ Select **Backlight Time**.
- ▶ Select from **10 seconds**, **30 seconds** and **60 seconds**.

Note: Setting the **Backlight Time** to 60 seconds, can reduce the talk and standby time of your battery.


Setting the key backlight

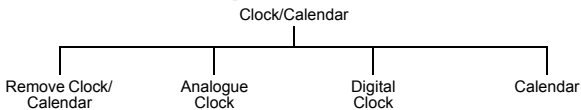
The **Key Backlight** illuminates your phone's keys.

- ▶ Select **Key Backlight**.
- ▶ Select **On** or **Off**.

Note: Turning on the **Key Backlight** can reduce the talk and standby time of your battery.

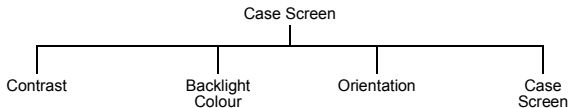
Displaying the clock/calendar in idle mode

You can choose whether or not to display a clock or calendar on the screen when in idle mode. Use  to move between the options.




Changing the case screen settings

The **Case Screen** is the screen on the front of the phone. It has a clock, icon area, incoming message area and call alerts area.



Settings

Changing the contrast

- ▶ Select **Contrast**.
- ▶ Use  to move between 0 and 10.
- ▶ Select **Ok**.

Changing the backlight colour

You set the backlight colour, to see what type of call you are receiving, or what mode you are in when the phone is closed. You can set the backlight colour for:

- Alarm/Schedule
- Voice Calls
- Fax Calls
- Data Calls
- SMS
- Mail
- Voicemail
- Camera Mode
- Others

To set your backlight colours:

- ▶ Select **BacklightColour**.
- ▶ Select the item you want to change.
- ▶ Select a colour.

Changing the orientation

The orientation changes the alignment of the information on the case screen.

- ▶ Select **Orientation**.
- ▶ Select **Left** or **Right**.

Changing the case screen display

- ▶ Select **Case Screen**.
- ▶ Select from **Clock/Status**, **Analogue** and **Digital**.

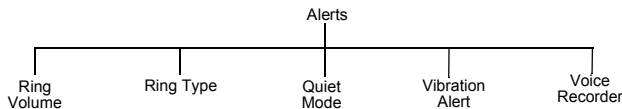
If you select **Clock/Status**, the battery level and GSM signal strength appear in the information area.

Operator notice

Note: This option is SIM dependent.




If you disable **Operator Notice**, you stop receiving messages from your service provider.

Alerts



Changing the ring volume

You can change the ring volume so that you can hear your phone ring. For example, in a noisy environment you may want to set the volume to maximum.


- ▶ Select **Ring Volume**.
- ▶ Use  to move between 0 and 4 on the volume scale. You can also have an escalating ring volume which starts quietly and gets louder. To get an escalating ring volume go to 4 on the volume scale and then press  again.
- ▶ Press  to select the new volume level.

Note: This option is unavailable if you are in quiet mode.

Setting the ring type

Use ring type to select the sound you want to hear when you receive a call.

- ▶ Select **Ring Type**.
- ▶ Select the type of call that you want to change.
- ▶ Select your sound.

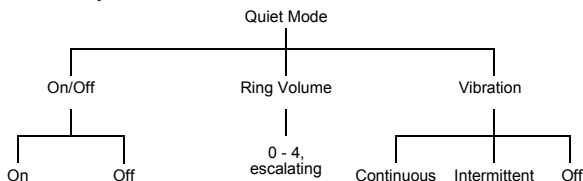
If your sound is not in the folder press  then select another folder.


Settings

Setting quiet mode

In quiet mode the microphone amplifies your voice, so you can whisper and still be heard by the person on the other end of the call. You should use quiet mode in situations where you do not want to disturb the people around you.

In quiet mode, the phone does not ring when you receive a call or message, unless you set a ring volume for quiet mode.



From the idle screen, you can press and hold  to swap between quiet mode on and quiet mode off.

Setting a vibration alert

If you set a vibration alert, the phone vibrates when you receive a call or message. This setting is separate from the vibration alert that you set for quiet mode.

- ▶ Select **Vibration Alert**.
- ▶ Select from **Continuous**, **Intermittent** and **Off**.

Recording a voice message

You can record a message to use as your ring type.

- ▶ Select **Voice Recorder** > **Record**.
- ▶ Record your message.
- ▶ Store the recording in a data folder.

You can now select and use this sound in the same way as you do for any other ring types.

Once you have recorded a voice message you can edit it. Select **Edit** from the **Voice Recorder** menu, then edit it as necessary.

Setting auto answer

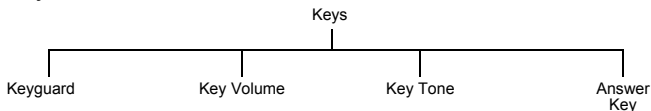
When auto answer is on, and your phone is connected to a car kit or personal handsfree adaptor, incoming calls are automatically answered.

Select **Auto Answer** > **On**.

To turn off auto answer:

Select **Auto Answer** > **Off**.

Keys



Setting the keyguard

The keyguard stops the keypad being accessed.

Note: When the keyguard is on, you must turn it off before you can use the phone.

- ▶ Select **Keyguard**.
- ▶ You are asked '**Guard Keypad?**'. Press .

You can also set the keyguard directly from the idle screen:

- ▶ Press and hold down .
- ▶ Select **Keyguard**.
- ▶ You are asked '**Guard Keypad?**'. Press .

To turn off the keyguard:

- ▶ From idle mode press .
- ▶ You are asked '**Free keypad?**'. Press .

Changing the key volume

The key volume is the volume of the tone made when you press a key.

- ▶ Select **Key Volume**.
- ▶ Use to move the volume level between 0 and 4.

Changing the key tone

The key tone is the sound made when you press a key.

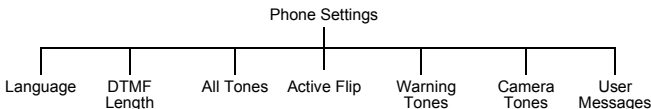
- ▶ Select **Key Tone**.
- ▶ Select the tone you want.

Choosing the key to use for the answer key

You can choose whether to use any key or just the send key () to answer a call.

- ▶ Select **Answer Key**.
- ▶ Select **Any Key** or **Send Key**.

Phone settings



Changing the language

You can change the language that the phone uses for display messages and text entry.

- ▶ Select **Language**.
- ▶ Select **DisplayLanguage** or **Tegic Language**.
- ▶ Select the language.

Note: Tegic language is the language used by T9[®] text entry. For more information on T9[®] text entry, see Entering text on page 32.

Changing the DTMF length

DTMF stands for Dual Tone Multi-Frequency. You can send DTMF tones during a conversation to access voicemail, paging and computerised home banking. For example, you may need to enter a number to remotely access voicemail messages.

- ▶ Select **DTMF Length**.
- ▶ Select **Long** or **Short**.

Turning tones on and off

You can turn on or off all tones or just warning tones.

- ▶ Select **All Tones** or **Warning Tones**.
- ▶ Select **On** or **Off**.

Note: If you turn off **Warning Tones**, then your phone beeps when you cannot use it.

Active flip

If you enable active flip, you can answer a call by opening the phone, end the call by closing the phone and reject a call by pressing the memo/camera shutter key.

Note: The default for this is on.

- ▶ Select **Active Flip**.
- ▶ Select **On** or **Off**.

Selecting camera tones

The camera tone is the sound the phone makes when you take a picture.

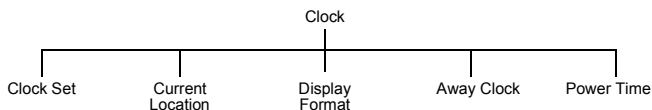
- ▶ Select **Camera Tones**.
- ▶ Select a tone type.

Editing user messages

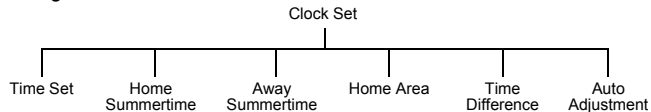
The phone contains some standard user messages that you can send to other people. You can edit these messages to suit you.

- ▶ Select **User Messages**.
- ▶ Select the message you want to edit.
- ▶ Edit the message.

Clock



Setting the clock



Setting the time

Use this to set the current time and date on your phone.

- ▶ Enter the date (day/month/year).
- ▶ Enter the time (24 hour clock)

Setting summertime

You can set summertime when you are at home or away. When you set summertime, the clock automatically moves on by one hour.

- ▶ Select **Home Summertime** or **Away Summertime**.
- ▶ Select **On** or **Off**.

Setting your home area

- ▶ Select **Home Area**.
- ▶ Select **World List** to choose a country. Select the country you are in.
- ▶ Select **City List** to choose a city. Select the city closest to your current location.

Settings

Auto adjusting the time difference

If you are away, in a country with one time zone, then the time difference can be adjusted automatically.

Select **Clock Set > Auto Adjustment > On**.

The phone gets your location from the local network provider, and adjusts the clock automatically.

Setting the time difference

If you are away, in a country with more than one time zone, then you can set the time difference manually.

- ▶ Select **Clock Set > Time Difference**.
- ▶ Select the difference from your home area.

Changing your location

You can change your location so that the phone's clock automatically adjusts depending on whether you are at home or abroad. All the clocks on the phone display the time of the selected location.

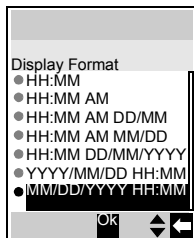
- ▶ Select **Current Location**.
- ▶ Select **Home** or **Away**.

If you select **Away**, you may need to adjust the time difference, so your clock is correct. To do this see Setting the time difference on page 42.

Changing the display format

You can choose how you want the time and date to display.

- ▶ Select **Display Format**
- ▶ Select from the displayed list of date and time formats.




Changing the appearance of the away clock

You can choose how you want the away clock to display.


- ▶ Select **Away Clock**.
- ▶ Select from **Off**, **Large Clock** or **Case Clock**.

Setting the power on and off times




You can use this to set the phone to turn itself on or off automatically at a specified time.

- ▶ Select **Power Time**.
- ▶ Select **--:-- On** or **--:-- Off**.
If times are already set then these times appear before the words **On** and **Off**.
- ▶ Select **--:--** or the existing time.
- ▶ Enter the time you want the phone to power on or off.
- ▶ Set whether these power on/off times are **Repeat Daily**, **Once** or **Disabled**.
- ▶ Press  to save your settings.

Disabling the power on and off times

- ▶ Select the power on or off time.
- ▶ Select the frequency option.
- ▶ Select **Disabled**.
- ▶ Press  to save your alarm settings.

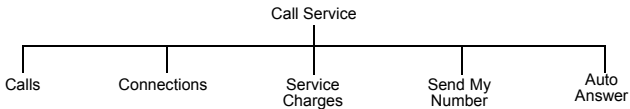
Or

- ▶ Highlight the power on or off time.
- ▶ Press  to cycle through **Repeat Daily**, **Once** or **Disabled**.
- ▶ Stop at **Disabled**.
- ▶ Press  then  to save your alarm settings.

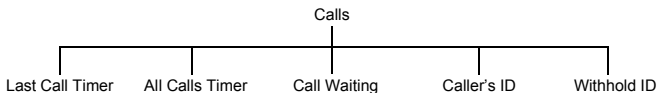
Caution: You need to ensure that the times you set do not automatically power on when you are in an aircraft, medical facility etc.

Call service

Note: The functions available are SIM dependent. 



Calls



Viewing the length of your last call



- ▶ Select **Calls > Last Call Timer**.
- ▶ The length of your last call is displayed.

Settings

Viewing the combined length of all your outgoing or incoming calls

- ▶ Select **Calls > All Calls Timer**.
- ▶ Select **Incoming** or **Outgoing**.
- ▶ The combined length of all your incoming or outgoing calls since the timer was last reset, is displayed.

Once you have seen the total time you can reset the timer:

- ▶ Press .
- ▶ You are asked '**Reset Total Time?**'. Press .
- ▶ Enter the lock code.

Note: The lock code is preset to 0000. For security you should change this to a four figure number that you can remember, see Changing the phone lock code on page 48.

Checking the status of call waiting, caller's id and withhold id

Note: This is network dependent .

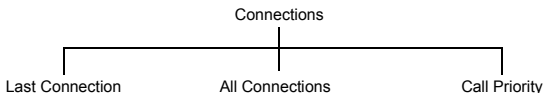
- ▶ Select **Calls**.
- ▶ Select **Call Waiting, Caller's ID** or **Withhold ID**.
- ▶ The status is displayed.

For **Call Waiting**, you can change the status:

If **Call Waiting** is disabled and you want it enabled, select **Menu > Enable**.

If **Call Waiting** is enabled and you want it disabled, select **Menu > Disable**.

Connections



Viewing details of your last connection

Select **Connections > Last Connection**.

The time and data transfer details are displayed.

Viewing the combined details of your previous connections

Select **Connections** > **All Connections**.

The combined length of all your incoming or outgoing calls since the timer was last reset, is displayed.

Once you have seen all the details you can reset the total time and data:

- ▶ Press .
- ▶ You are asked 'Reset Total Time and Data?'. Press .
- ▶ Enter the lock code.

Note: The lock code is preset to 0000. For security you should change this to a four figure number that you can remember, see Changing the phone lock code on page 48.

Allowing incoming calls during data transfer

With this enabled, you can accept incoming calls while you are transferring data. With this disabled, you cannot answer incoming calls while you are transferring data.

- ▶ Select **Connections** > **Call Priority**.
- ▶ Select **On** or **Off**.

Service charges

Note: This is SIM and service provider dependent. This option is only available for 'Pay as you go' SIMs.

To maintain control over the cost of calls that you make, you can set the phone to restrict its use to a specified number of units.

Setting the unit price

First you need to enter a price per unit. This is the amount that your service provider charges for one unit of call time.

- ▶ Select **Service Charges** > **Price/Unit**.
- ▶ Enter your PIN2.
- ▶ Enter the currency unit (maximum 3 characters).
- ▶ Enter the unit price.

Settings

Setting the maximum unit level

Use this to set the maximum cost of the calls that you can make.

- ▶ Select **Service Charges > Max Cost**.
- ▶ Select **Menu > Edit**.
- ▶ Enter your PIN2.
- ▶ Enter the maximum number of units (the corresponding cost is displayed).

Note: The duration of one unit may vary during the day at peak and off-peak times.
The call charge information may not be an accurate reflection of the tariffs charged by your service provider.

Disabling the maximum unit level

Use this to disable your maximum cost setting.

- ▶ Select **Service Charges > Max Cost**.
- ▶ Select **Menu > Disable**.
- ▶ Confirm that you want to disable this setting.
- ▶ Enter your PIN2.

Setting a warning level

You can set a warning to indicate that you have almost reached your maximum cost.

Note: This is SIM dependent .

- ▶ Select **Service Charges > Warning At**.
- ▶ Enter a value in units at which you want the warning to sound.

Viewing the remaining cost

You can see how many units you have left before you reach your maximum cost level.

Select **Service Charges > Cost Left**.

Viewing the used cost

You can see how many units you have used.

Select **Service Charges > Call Meter**

Sending your number

Note: This is network dependent .

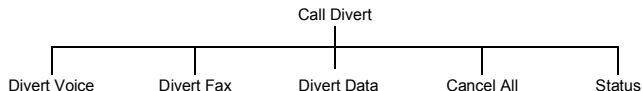
If your network supports this function, you can decide whether you want your phone number to be sent when you make a call.

Note: You must be registered with a service provider before you can choose to send your number.

- ▶ Select **Send My Number**.
- ▶ Select from **Network Set, On and Off**.

If you select **Network Set**, your network's default setting is used.

Call divert



Setting and cancelling diverts

To set diverts for specific call types:

- ▶ Select the type of call you want to divert.
- ▶ Select **Set**.
- ▶ Select from **All, When Busy, When No Reply and When Unreachable**.
- ▶ Enter the number to divert to.


To cancel diverts for specific call types:

- ▶ Select the type of call you want to cancel the divert on.
- ▶ Select **Cancel**.
- ▶ Select from **All, When Busy, When No Reply and When Unreachable**.

To cancel all diverts:

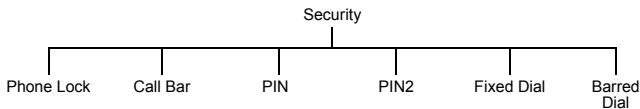
- ▶ Select **Cancel All**.
- ▶ Confirm that you want to cancel all the diverts you have set.

Viewing the divert status


- ▶ Select **Status**.
- ▶ Use  to scroll through the list, only one item at a time appears on the screen.

Settings

Security




Setting and cancelling the phone lock

Note: You can also set the phone lock by holding down  on the idle screen, then following the instructions below.

When the phone lock is set you can only use the phone to receive incoming calls and to make emergency calls.

- ▶ Select **Phone Lock > On/Off > On**.
- ▶ Enter the lock code.

The lock icon () is displayed on the screen.

When the phone lock is on you have to enter the lock code from the idle screen before you can use the phone.

Note: The phone lock code is preset to 0000. For security, you should change this to your own four-figure number, see Changing the phone lock code on page 48.

To cancel the phone lock:

- ▶ Select **Phone Lock > On/Off > Off**.
- ▶ Enter the lock code.

Changing the phone lock code

You can change the phone lock code to a four figure number that you find easy to remember.

- ▶ Select **Phone Lock > Change Code**.
- ▶ Enter the current phone lock code.
- ▶ Enter the new phone lock code.
- ▶ Verify the new phone lock code.

Setting and cancelling call bar

Call barring restricts certain types of incoming and/or outgoing calls, using a password provided by your service provider. When you check the status of the Call Bar, your phone must be registered with a network. You can set call barring for voice, fax and data calls.

- ▶ Select **Call Bar**.
- ▶ Select the type of call that you want to bar.
- ▶ Select **Set** or **Cancel**.
- ▶ Select when you want to bar the calls.
- ▶ Enter the password, provided by your service provider.


Note: You can change your password to something that you find easy to remember, see Changing the password on page 49.

To cancel all the current call bars:

- ▶ Select **Call Bar > Cancel All**.
- ▶ Enter the password.
- ▶ Confirm that you want to cancel all the set call bars.

Viewing the call bar status

You can see whether you have any call types barred.

- ▶ Select **Call Bar > Status**.
- ▶ Use  to scroll through the list, only one item at a time appears on the screen.

Changing the password

You can change the password to something that you find easy to remember.

- ▶ Select **Call Bar > Password**.
- ▶ Enter the password, supplied by your service provider.
- ▶ Enter the new password.
- ▶ Verify the new password.

Settings

Enabling and disabling PIN and PIN2

The PIN protects your phone against unauthorised use. If you enable the PIN, you have to enter it every time you turn on the phone.

You need PIN2 to set fixed dial numbers.

Your PIN and PIN2 are supplied by your service provider.

Note: If you enter the PIN or PIN2 incorrectly three times, the phone locks and you need to enter the PUK or PUK2 code. If you enter the PUK or PUK2 code incorrectly ten times, your phone no longer operates. All information stored in the SIM is lost, and you need to replace the SIM. Contact your service provider for the PUK and PUK2 codes. Contact your service provider for more details.

- ▶ Select **PIN** or **PIN2**.
- ▶ Select **Enable/Disable**.
- ▶ Select **On** or **Off**.
- ▶ Enter the **PIN** or **PIN2**.

Changing the PIN

You can change the PIN to an eight figure number that you find easy to remember.

- ▶ Select **PIN**.
- ▶ Select **Change**.
- ▶ Enter the PIN.
- ▶ Enter the new PIN.
- ▶ Verify the new PIN.

Note: You can only change the PIN when it is enabled.

Enabling and disabling fixed dial

Fixed dial is part of the **Contacts List**, but with added security. When you enable fixed dial:

- You can only dial numbers that are in the fixed dial store
- If you manually dial a number, it must match one in the fixed dial store.
- If you store, edit or delete a phone number, you have to enter your PIN2.

To enable or disable fixed dial:

- ▶ Select **Fixed Dial**.
- ▶ Select **On** or **Off**.
- ▶ Enter your PIN2, provided by your service provider.

When you enable fixed dial, in the **Contacts List** you can only browse the numbers that are in the fixed dial store.

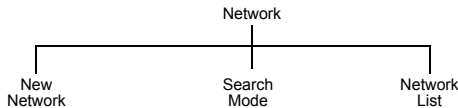
Enabling and disabling barred dial

When you enable barred dial you can no longer dial the numbers that you entered as barred dial numbers. You can use this to stop certain numbers being dialled.

To enable or disable barred dial:

- ▶ Select **Barred Dial**.
- ▶ Select **On** or **Off**.
- ▶ Enter your password.

Network



Changing to a new network

When you are not in your home country or region, you may be able to use a network that you are not directly subscribed to. This is called *roaming*.

Note: National Law may not permit roaming in your home region.

Use the options on the **Network** menu to select a network that is available in your current location.

- ▶ Select **New Network**.
- ▶ Select a new network.

An X appears in the information area if you cannot register with the selected network.

Settings

Search mode

You can set the **Search Mode** to **Automatic** or **Manual**. When the **Search Mode** is **Manual**, the phone only uses the selected network. If coverage is lost, you need to select another network. When the **Search Mode** is **Automatic**, the phone automatically reselects a new network to maintain network availability.

Network list

In **Automatic Mode**, the phone uses the **Network List** to find a new network. The location numbers in the **Network List** show the search priority. You can change the list as follows:

Insert stores a new network in the currently displayed location, and moves other networks down.

Edit overwrites the old network with a new one.

Delete deletes the currently displayed network.

Ok selects the currently displayed network.

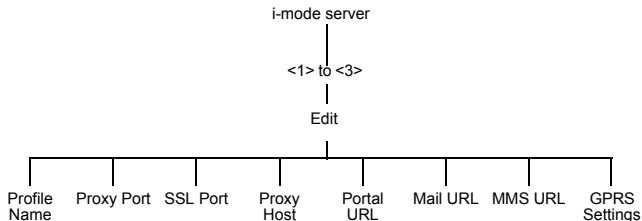
i-mode™ server

You use this option to set up your i-mode™ server.

Note: This information may have been pre-programmed by your service provider. If you modify these settings, your browser may no longer work.

Once you have set up a server you need to select the new server and select **Set** to activate the new setting.

You can set up three servers on your phone.



For **GPRS Settings** you need to select **Set**, then select **Edit** and set the options:

Server Setting	Settings	Options
Profile name	What you want to call the server. Defaults are <1>, <2> and <3>.	
Proxy Port	Proxy port setting	
SSL Port	SSL port setting	
Proxy Host	Proxy host setting	
Portal URL	URL for portal	
Mail URL	URL for i-mode™ mail server.	
MMS URL	URL for MMS Server.	
GPRS Settings	Access Point Name User ID User Password Authentication.	The name of the Access Point. PPP ID setting. PPP password setting. Normal Encrypted None

i-mode™ lock

If you turn on the i-mode™ lock, you cannot connect to any i-mode™ services or send or receive mail.

To turn on the i-mode™ lock, select **i-mode Lock > On**, then enter the i-mode™ lock code.

To turn off the i-mode™ lock, select **i-mode Lock > Off**, then enter the i-mode™ lock code.

Defaults

Use this to return your personal settings to their factory default. You cannot return the **Phone Lock** or **Language** to their default settings.

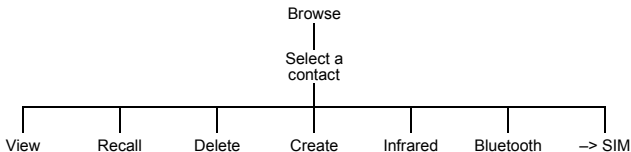



Contacts list

Use the **Contacts List** menu to store a person's phone numbers, e-mail addresses, company name, picture and other information. You can also set up how your contacts list is organised and displayed.


Browse

This menu only applies to contacts stored on your phone. For contacts stored on the SIM see SIM on page 60.



Note: When you create or edit any of your entries, you must press  to save your changes, or they will be lost.

View. Displays all the details for the entry you selected. You need to scroll down the screen to see all the information.

Recall. Displays the phone number for the entry you selected. You can either call it or change it. To call it press .

Delete. Deletes the entry.

Create. Creates a new entry in the **Contacts List**.


Infrared. Sends the details of the current entry to another device via the Infrared port. See Sending objects via Infrared on page 110.

Bluetooth. Sends the details of the current entry to another Bluetooth[®] device. See Sending objects via Bluetooth[®] on page 106.

Note: To receive a contact entry from another Infrared or Bluetooth[®] device use **Receive Object**, see Receive object on page 102.

→ **SIM.** Copies the details of the current entry to the SIM. If the current entry is a Fixed Dial Number, it is copied to the Fixed Dial Number area of your SIM.

Create

Note: When you create or edit any entries, you must remember to press  to save your changes, or they will be lost.

Creating a new contact

- ▶ Select an item.
- ▶ Enter the data using the keypad, or select an item from the list available.

For each contact you can enter:

Item	Number of characters
First name	16
Last name	16
Home number	40
Work number	40
Mobile number	40
Other number	40
Home mail	80
Work mail	80
Other mail	80
URL	80
Title	16
Company	16
Note	32
Photo	Select a picture from the list or take a picture with the camera
Group name	Select a group from the list.
Ring type	Select a tone from the list.
Vibration alert	Select a vibration type from the list.
Case screen colour	Select a colour from the list.
Location	3 (up to 500 locations)


When you have entered all the details, press  to save the contact.

Note: Location is the location number in your **Contacts List**.

If you put a contact in a group which has a ring type, case screen colour and vibration alert, then these options are not available for the individual contact.

Entering DTMF digits in a phone number


You can enter DTMF digits at the end of a phone number, so that these numbers are automatically sent after the main phone number.

- ▶ Enter the phone number.
- ▶ Press and hold  until a P is displayed at the end of the phone number.
- ▶ Enter the DTMF digits, for example, the number to access voicemail messages.

When you call this number the DTMF tones are sent after 3 seconds.

Entering a picture

You can choose from **Camera** and **Select**. Choose **Camera** to take a picture with the phone's camera.


- ▶ Select **Camera**.
- ▶ Take the picture.
- ▶ Press  to return to the **Contact**.

Choose **Select** to select a picture from your **Data Folders**.

'Wild' numbers

Wild numbers are spaces that you can store in a phone number. You must fill the wild numbers before you can dial that phone number. You can use wild numbers in conjunction with fixed dial, to, for example, restrict calls to a specific area by storing the area code then adding the remainder of the number when it is recalled.

To enter a wild number:

While entering a phone number, press and hold , until _ is displayed.

When you recall this phone number, enter the required number to replace the wild number.

Voice dial

With voice dial you can save a number using your voice. You can then dial the number by saying the name that you want to call.

Creating a voice dial entry

- ▶ Select **Voice Dial**.
- ▶ Select **Add**.
- ▶ Select a contact.
- ▶ Select **Recall**.
- ▶ Select **Ok**.
- ▶ Hold the phone about 20cm away from your mouth.
- ▶ Speak clearly into the microphone to record the required name.

For each entry you are prompted to record the name a second time, so that the phone recognises your voice and intonation.

When you have finished recording, the display shows whether or not the recording was successful. If the recording failed, you need to try again. You can try as many times as you need to.

Note: Each recording is short, so be ready to speak soon after initiating the recording.

Recalling a voice dial entry

- ▶ From idle mode press and hold **⓪** or **Ⓠ**.
- ▶ Say clearly the name that you want to recall.
- ▶ Press **Ⓠ** to call the number.

Dialling a voice dial entry

You can set up voice dial to dial a voice dial number directly from idle mode, so you don't have to press **Ⓠ** to call the number.

- ▶ Select **Voice Dial**.
- ▶ Select **On/Off**.
- ▶ Select **On**.

To turn it off select **Off**.

Note: Use voice dial to make calls from your Bluetooth® headset or car kit.

Voice dial recordings must be loud to ensure that confirmation is audible when using some car kits.

Contacts list

Editing a voice dial entry

- ▶ Select **Voice Dial**.
- ▶ Select an entry.
- ▶ Select from **Add**, **Play** and **Delete**.

Add. Add a new **Voice Dial** entry.

Play. Listen to the recording for the selected entry.

Delete. Delete the selected entry.

Groups

From the **Groups** menu, you can set up groups of contacts. You can use groups to collect together types of entries, for example, business, friends and family. You can give each group a suitable title, for quick access to the entries.

Creating a group

- ▶ Select a preset group name or one of the available user group names from the list.
- ▶ You can enter a name, ring type, vibration alert and case screen colour.

Note: If you already have ring type, vibration alert and case screen colour set for an individual that you add to the group, then the group's settings are used in preference to those set for the individual.

Viewing a group

Once you have created a group, you can view its settings.

- ▶ Select the group on the list.
- ▶ Select **View** from the menu.

From this view you can then edit the group settings:

- ▶ Select the item that you want to edit.
- ▶ Select **Edit**.
- ▶ Make your changes.
- ▶ Select **Ok** to make your changes or **Cancel** to revert to the original.

You can revert to the original settings by selecting **Reset**.

Previewing a group

This simulates an incoming call, so that you can review your settings and see if they are what you want.

- ▶ Select a group.
- ▶ Select **Preview**.

You can then adjust your settings using **View**.

Adding and removing members

Once you have created a group, you can add or remove members.

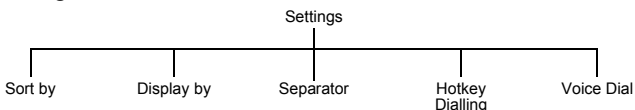
To add a new member:

- ▶ Select the group on the list.
- ▶ Select **Members** from the menu.
- ▶ Select **Add**.
- ▶ Select a contact from your list.

To remove a member:

- ▶ Select the group on the list.
- ▶ Select **Members** from the menu.
- ▶ Highlight a contact.
- ▶ Select **Remove** to remove this contact from the group.

Settings



Setting how to sort or search entries

You can choose how to sort and search the entries in your **Contacts List**.

- ▶ Select **Sort by** or **Display by**.
- ▶ Select **First Name** or **Last Name**.


Setting how to display entries

You can choose how to display the entries in your **Contacts List**.

- ▶ Select **Separator**.
- ▶ Select **Space** or **Comma**.

Contacts list

Enabling and disabling hotkey dialling

With hotkey dialling, you can press and hold the digit key that relates to a location number to call contacts on your **Contacts List**. For example, to call the contact in location 3 of your **Contacts List**, press and hold .

To enable hotkey dialling, select **Hotkey Dialling**, then select **SIM Phonebook**, **Mobile Phonebook** or **Service Dial**.

Note: The Service Dial option is SIM dependent.

To disable hotkey dialling, select **Hotkey Dialling > Off**.

Enabling and disabling voice dialling

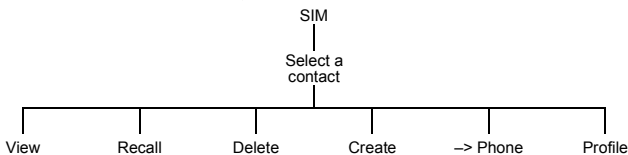
With voice dialling, you can call a contact by speaking into the microphone.


- ▶ Select **Voice Dial**.
- ▶ Select **On** or **Off**.

To set up voice dial numbers see *Creating a voice dial entry* on page 57.


SIM

This shows the contacts stored on your SIM.



Note: When you create or edit any of your entries, you must press  to save your changes, or they will be lost.

View. Displays all the details for the entry you selected. You need to scroll down the screen to see all the information.

Recall. Displays the phone number for the entry you selected. You can either call it or change it. To call it press .

Delete. Deletes the entry.

Create. Creates a new entry in the **Contacts List**.

Note: For a SIM entry you can only enter a name, phone number and location.

→ **Phone**. Copies the details of the current entry to the phone.

Profile. Displays the entry's profile.

Creating fixed dial number entries

Note: Before you can create a fixed dial number entry, you have to enable Fixed Dial (see Enabling and disabling fixed dial on page 51).

Fixed dial is part of the **Contacts List**, but with added security. When you enable fixed dial:

- You can only dial numbers that are in the fixed dial store
- If you manually dial a number, it must match one in the fixed dial store.
- If you store, edit or delete a phone number, you have to enter the PIN2, provided by your service provider.

You enter the contact details using the **Create** option on the **SIM** menu. When you save the entry you have to enter your PIN2. The number is stored in the fixed dial store on your SIM.


Creating barred dial number entries

Note: Before you can create a barred dial number entry you have to enable Barred Dial (see Enabling and disabling barred dial on page 51).

When you enable barred dial you can no longer dial the numbers that you entered as barred dial numbers. You can use this to stop certain numbers being dialled.

You enter the contact details using the **Create** option on the **SIM** menu. When you save the entry you have to enter your password.

Storage

This shows the amount of space you have used on your SIM and your phone. Use  to move between the two.

You can copy all the SIM contacts to the phone or copy all the phone contacts to the SIM:

- ▶ Select **Menu > Copy All**.
- ▶ Select **SIM to phone** or **Phone to SIM**.

You can delete all the SIM contacts or all the phone contacts:

- ▶ Select **Menu > Delete All**.
- ▶ Select **SIM Contacts** or **Phone Contacts**.

Contacts list

Service dial

Note: This option is SIM dependent.

Your service provider may provide a telephone number for you to access other services.

Info numbers



Note: This option is SIM dependent.

Your service provider may provide some useful telephone numbers for you to call for services such as directory enquiries.

Voicemail

Note: This option is SIM dependent.

Before you can use voicemail, you may need to contact your service provider.

- ▶ Select **Voicemail**.
- ▶ Press .
- ▶ Select **Recall**.
- ▶ Press  to dial the number.

Follow the instructions given by your service provider at this number.



Applications

This menu lists the Java™ applications that are available on your phone.

To use an application highlight it in the list and press **⊙**. You can have up to 50 Java™ applications on your phone.

Note: You download new applications from your service provider's website, using the i-mode™ browser.

From the Applications menu you need to press **⏪** to return to the main menu.

System menu

While the list of Java™ applications is displayed you can press **⏪** to get the system menu. This gives you the following options:

SetDescription. The enable/disable function gives you the option to display details of the Java™ application.

Delete All. This deletes all your Java™ applications.

Storage Status. This shows the amount of memory that are using for Java™ applications.

Trace Info. This shows the debug information for the Java™ application.

About. This displays the Java™ copyright information.

Note: In some circumstances some of these options may not be available. Options that are not available appear in grey.

Application menu

While the list of Java™ applications is displayed you can press **⏪** to get the application menu. This gives you the following options:

Properties. This displays information about the Java™ application.

Upgrade. Use this to upgrade to a new version of the Java™ application.

Delete. Delete the Java™ application.

Note: You can delete the pre-installed Java™ applications, but once they are deleted you cannot reinstall them.

ConnectNetwork. Set whether or not to use the HTTP communication with the Java™ application. Select from **Enable**, **Disable** and **Confirm Every appli Start.**

Set AutoStart. Set the time and date to start the Java™ application automatically.

Note: In some circumstances some of these options may not be available. Options that are not available appear in grey.



i-mode™

Use the i-mode™ menu to access on-line services such as site (program) connection, mail and Internet services.

The following i-mode™ icons can appear on your phone:



i-mode™ connecting,
i-mode™ connected



i-mode™ locked



unread mail



mail inbox full



mail on server (MMS)



mail on server (icemail)



mail on server (both
icemail and MMS)

i-Menu

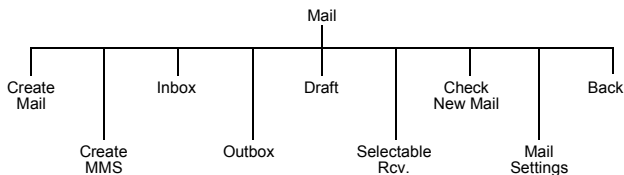
This starts the i-mode™ browser.

Note: Before you use your browser, see i-mode™ server on page 52 and check that one of the servers has been set.

To end your connection, press


Mail

Note: Create MMS and SelectableRcv. is dependent on your service provider.








Create Mail



To create an e-mail message:

- ▶ Select **Mail > Create Mail**.
- or
- From the idle screen press  > **Create Mail**.





Note: Using  as a shortcut to the **Mail** menu is dependent on your service provider.

- ▶ Press .
- ▶ Select **Subject**, then press  to enter a subject.
- ▶ Select **To:1**, then press  to enter an address.
- or
- Select an address from your **Contacts List** by pressing  and selecting **Open Contacts**.
- ▶ You can add **To**, **Cc** and **Bcc** addresses. Press  and select **Add To**, **Add Cc** or **Add Bcc**. You can have up to five addresses for To, Cc and Bcc.

Note: You cannot send messages to just Cc or Bcc.

- ▶ Select **Message**, then press  to enter your message.
- If you have set header text and a signature, you can enter them by pressing  and selecting **Attach Header** or **Attach Sign**.

Note: If you have set the auto attach option for **Edit Header** or **Signature** in the **Mail Settings** menu, then your header text or signature automatically appear in the message area.

- ▶ To attach a file select **Attachment**, then press  twice to browse **Data Folders**.
- or
- Press , then select **Attach Image** or **Attach Melody**.
- ▶ Select the file that you want to attach. You cannot attach barred files.
- ▶ When your message is complete, select **Send** and press  to send your message.
- or
- Press , then select **Send**.

To save your message, select **Save** and press , or press , then select **Save**. Your message is stored in the **Draft** so you can send or edit it later.

Note: Maximum size of a mail is 50kB or 100kB. (Service provider dependent)

User messages

You can enter one of the predefined user message in your e-mail message:

- ▶ Select **Menu > User Msg.**
A list of the user defined messages is displayed.
- ▶ Select the message you require.
- ▶ Press **⊙**.

To edit a user message, see Editing user messages on page 41.

Create MMS

Note: Before you use your mailer, see i-mode™ server on page 52 and check that one of the servers has been set.

To create a multimedia (MMS) message:

- ▶ Select **Menu > i-mode > Mail > Create MMS.**
or
From the idle screen, press **⊞** > **Create MMS.**

Note: Using **⊞** as a shortcut to the **Mail** menu is dependent on your service provider.

- ▶ Press **⊙**.
- ▶ Select **Subject**, then press **⊙** to enter a subject.
- ▶ Select **To:1**, then press **⊙** to enter an address.
or
Select an address from your **Contacts List** by pressing **⊞** and selecting **Open Contacts**.
- ▶ Select **SMIL**, then press **⊙** to edit your message.
To enter new text, select **Add Text** from the menu.
- ▶ To attach a file, select **Add Image** or **Add Audio** from the menu. You can then browse **Data Folders** and select the file that you want to attach. You cannot attach barred files.

Note: Once you have entered text, attached an image file or an audio file, the menu also displays the options **Remove Text**, **Remove Image** and **Remove Audio**.

- ▶ When your message is complete, select **Send** and press **⊙** to send your message.
or
Press **⊞**, then select **Send**.

To save your message, select **Save** and press , or press , then select **Save**. Your message is stored in the **Draft** so you can send or edit it later.

Note: Maximum size of a mail is 50kB or 100kB. (Service provider dependent)

Use **Preview** to preview your slide while you are creating it.

Use the options **Add Slide**, **Insert Slide** and **Remove Slide** to arrange the slides in your message. You can set up to 50 slides.

Use **Text Colour** to set the text colour for a particular slide.

Use **Background** to set the background colour for all the slides in your message.

Use **Change Region** to set the area of the screen for image content and text content.

Use **Swap Img/Text** to swap the positions of the image content and the text content.

MMS options

You can set up the following options from **MMS Options**:

Slide Time. Set the slide display time.

Text Begin. Set the text content begin time of each slide.


Text End. Set the text content end time of each slide.

Image Begin. Set the image content begin time of each slide.

Image End. Set the image content end time of each slide.


User messages

While entering text, you can enter one of the predefined user message in your MMS message:

- ▶ Select **Menu > Add Text > Menu > User Msg.**
A list of the user defined messages is displayed.
- ▶ Select the message you require.
- ▶ Press .

To edit a user message, see Editing user messages on page 41.

Inbox

Your Inbox shows all the messages that you have received. To access your Inbox from the idle screen, press and hold .

Outbox

Your Outbox shows all the messages that you have sent.

Draft

Draft lists all the messages that you have not yet sent, so you can still make changes to them.

SelectableRcv.

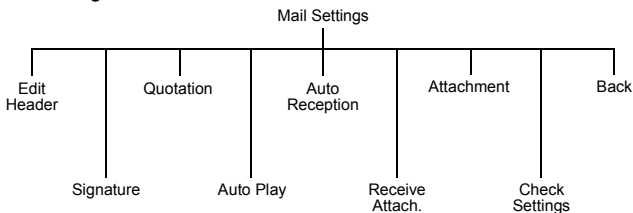
Use this to receive or delete a mail or MMS message from the server.

Note: SelectableRcv. is dependent on your service provider.

Check new mail

Use this to check to see if you have any new mail.

Mail settings



Edit Header. Use this to insert any text that you want to appear at the beginning of an outgoing message, for example “Dear All”. You can enter up to 128 characters.

Signature. Use this to insert essential information in outgoing messages, for example, your name. You can enter up to 60 characters.

Quotation. Use this to attach text from the message that you are replying to. You can enter up to 20 characters.

Auto Play. Use this to set up whether or not an audio attachment is played automatically.

Auto Reception. Use this to set up whether or not your messages are automatically received to the phone.

ReceiveAttach.. Use this to accept or reject reception of image and MIDI files attached to received mail.

Attachment. You can set this to be **Valid** or **Invalid**. If you select **Valid**, when you receive a melody file it is treated as melody data so you can play it. If you select **Invalid**, then when you receive a melody file it is treated as text data so you cannot play it.

Check Settings. Use this to display all the options on this menu with their current setting.

Back. Use this to take you back to the Mail menu.

Back

This takes you back to the i-mode™ menu.

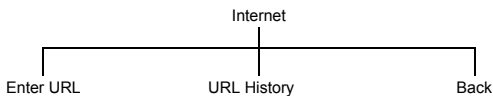
SMS

This accesses the same options as the SMS menu on the main menu. See SMS on page 77 for information on these options.

Bookmarks

This lists the bookmarks that you have stored. Select a bookmark from the list to go directly to that page.


Internet



Enter URL

Use this to enter a URL to go to a specific site.

URL history

This lists the addresses that you have entered and connected to using the Enter URL option. To return to a site, highlight it in the list and press .

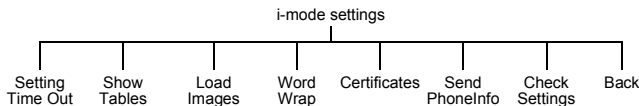
Back

Takes you back to the i-mode™ menu.

Page memos

Use this to view previously saved pages.

i-mode™ settings



Use these menu options to set up how your phone uses and displays web pages.

Setting time out

Use this to set the time after which the connection is broken if there is no activity. Select from **60 seconds**, **90 seconds** and **Off**.

i-mode™

Show tables

Use this to set whether or not to display tables that are contained in a web page.

Load images

Use this to set whether or not to display images that are contained in a web page.

Word wrap

Use this to set whether to display text as it appears on the web page or wrap it to fit your phone's screen.

Certificates

Use this to set whether or not to confirm certificate for attesting server.

Send PhoneInfo

Use this to set whether or not to send your phone information when connecting to the browser server.

Check settings

Use this to display all the options from this menu with their current setting.

Back

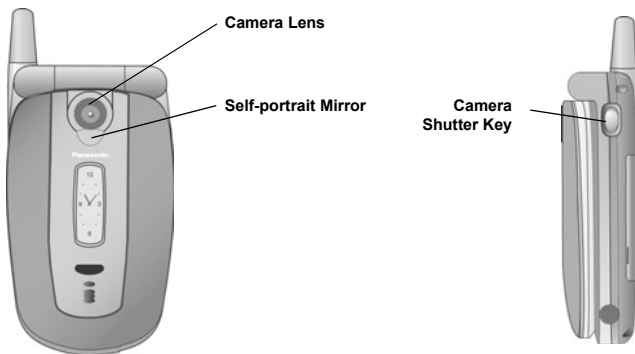
Takes you back to the i-mode™ menu.



Camera

Note: Before you use the camera you should set the date and time.
See Setting the clock on page 41.


You can take pictures with the built-in camera, and send them in multimedia (MMS) and e-mail messages, or use them as wallpaper.




Changing to camera mode


To change to camera mode either select **Camera** from the main menu, or press and hold the memo key/camera shutter key from idle mode when the phone is closed.

Leaving camera mode

To leave camera mode press  to return to idle mode.

Taking a picture

- ▶ When you are in camera mode, move the phone around until you can see the image you want on the preview screen.
- ▶ Press  to capture the image.

If you decide that you do not want the image that you have taken, you can press  to delete it.

Camera

Taking a self-portrait

You can take a self-portrait using the shutter button on the side of the phone.

- ▶ Ensure that the phone is in camera mode.
- ▶ Close the phone.
- ▶ View the image in the self-portrait mirror.
- ▶ Press the shutter button on the side of the phone.

You can use this image in the same way as any other picture that you take with the camera.

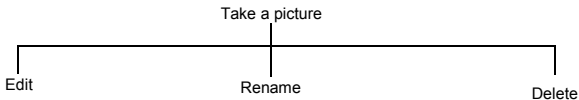
Saving a picture


When you take a picture, it is automatically given a default name and stored in a data folder. You can change the name of the picture using **Rename**, see Renaming the picture on page 74.

Incoming calls when in camera mode

If you receive an incoming call while you are in camera mode, the phone leaves camera mode and switches to the incoming call. If a captured image is on the preview screen, it is saved to the **My Pictures** folder of your **Data Folders**. If you want to use the image when you have completed your call, go to **Data Folders > My Pictures** and select the image.

Using your picture



Once you have taken a picture, press  to access the menu.

Sending the picture in a multimedia or mail message

Select **MMS** or **Mail**.

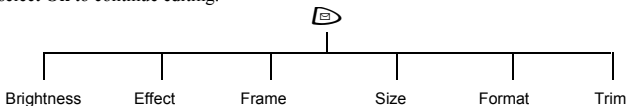
A multimedia or mail message is opened, with the picture already embedded or attached.

Editing the picture

When you have finished editing the picture, you must press **OK** to save your changes.

- ▶ Select **Edit**.
- ▶ Press **Enter**.

When you take a picture then select **Edit**, the editor reduces the picture to 132 x 176. A warning message: **This will reduce the picture size. Continue?** appears on the screen, select **Ok** to continue editing.



Changing the brightness

- ▶ Select **Brightness**.
- ▶ Press **Right Arrow** to make it lighter or **Left Arrow** to make it darker.

Changing the effect

Use this to change your picture's colours by using an effect.

- ▶ Select **Effect**.
- ▶ Select from **Sepia**, **Monochrome** and **Negative**.

Selecting a frame

Use this to enhance your picture, by adding one of the predefined frames.

- ▶ Select **Frame**.
- ▶ Select from a list of frames. You can preview the frame by highlighting it then pressing **Enter**.

Changing the size

Use this to make your picture larger or smaller.

- ▶ Select **Size**.
- ▶ Choose **Width** or **Height**.
- ▶ Select **Edit**.
- ▶ Enter the percentage by which you want to change the size.
- ▶ Press **Enter**.

Note: This does not cut your image, it compresses and/or stretches it. To cut your image, use Trim.

Camera

Changing the format

- ▶ Select **Format**.
- ▶ Choose from **JPEG Fine**, **JPEG Normal** and **JPEG Economy**.





JPEG Economy produces a small file but with a low resolution.

JPEG Normal produces a file which is acceptable for most uses.



JPEG Fine produces a large file with high resolution.

Trimming your picture




Use this to select and save just a small part of your picture.

- ▶ Select **Trim**.
- ▶ Use  to increase and decrease the size of the box to include just the part of the picture that you want.
- ▶ First adjust up and left, then press  to adjust down and right. The white corner of the box indicates the directions that you can go.
- ▶ When you have the selection you want, press  to select the area.
- ▶ Press .



Renaming the picture

- ▶ Select **Rename**.
- ▶ Use  to remove the existing text.
- ▶ Enter the new text.
- ▶ Press .
- ▶ Select **Ok** to save your changes or **Cancel** to revert to the old name.

Deleting the picture

- ▶ Select **Delete** or press .
- ▶ Press  to confirm, or  to cancel.



Close up picture

When the image is on the preview screen, press  to see a close up picture. This zooms in on the centre of the image. Press  to return to the original image.

Brightness adjustment

You can set the brightness of an image both before and after taking the picture. The brightness can be increased or decreased by two levels.

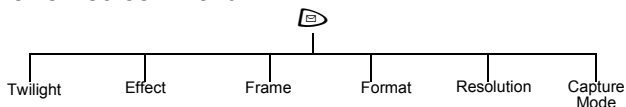
Changing brightness while taking a picture

When the image is on the preview screen, press  to make it lighter or  to make it darker. The brightness icon at the top of the screen changes to show how much lighter or darker you have made the image.



Changing brightness after taking a picture

See Changing the brightness on page 73.

Preview screen menu



These are all set up using the same basic method:

- ▶ When the required image is shown in the preview screen, press .
- ▶ Select the required option.
- ▶ Select the required setting.
- ▶ Press  to leave the menu.


Twilight

Turn **Twilight** on when taking pictures in low light conditions. This will also improve the picture quality under some types of artificial light.

Effect

With **Effect** you can choose from **Off**, **Sepia**, **Monochrome** or **Negative**.

Frame

This places a border round the image. You can preview the frame by highlighting it then pressing .

Format

With **Format** you can choose the format for saving your image.

JPEG Economy produces a small file but with a low resolution.

JPEG Normal produces a file which is acceptable for most uses.

JPEG Fine produces a large file with high resolution.

Camera

Resolution

With **Resolution** you can choose the resolution for your image. You can choose from **240 x 320** and **480 x 640**. The default is **240 x 320**.

If you select **480 x 640** then the following options are not available:

- **Close-up picture**: Zoom in and out in preview;
- **Frame**


Also:

- **Multi-shot** is available but the picture resolution in this mode is 240 x 320.
- The close up icon on the preview is replaced by the VGA icon.

Capture mode

With **Capture Mode** you can choose from:

Single Shot takes a single picture.

Multi Shot captures images at 1 second intervals while you hold  down, to a maximum of six images.

Self Timer delays the taking of an image.

Remote takes a picture immediately, then returns to the capture screen.

Note: The **Remote** option is service provider dependent.



SMS

SMS is usually called text messaging. With text messaging you can send and receive text. You can receive, display, edit and send text messages of up to 459 characters to mobile phones on your service provider's network or any network that has a roaming agreement. The actual number of characters available depends on the language you use. You can only send text messages to phones that have text messaging functionality.

Create

To create an SMS message.

- ▶ Select **SMS > Create**
or press and hold **Ⓞ**, then select **Create**.
- ▶ Enter your text.
- ▶ Press **Ⓞ**.
- ▶ Select **Ok** or **Cancel**.
- ▶ Press **Ⓞ** to send the message.
- ▶ Enter the phone number.
- ▶ Press **Ⓞ**.
- ▶ Select **Ok** or **Cancel**.
- ▶ If you selected **Ask** as your Receipt option, then you are asked '**Request Delivery Confirmation?**' Press **Ⓞ**, then select **No** or **Yes**.

User messages

You can enter one of the predefined user message in your SMS message:

- ▶ Select **Menu > User Msg.**
A list of the user defined messages is displayed.
- ▶ Select the message you require.
- ▶ Press **Ⓞ**.

To edit a user message, see Editing user messages on page 41.

Sending SMS to a fixed line

There are the following special requirements when you send an SMS message from your mobile phone to a fixed line phone.

Sending a new message


- ▶ Enter your message text, and include the fixed line number somewhere in the message. The number can be at any point in your message, but you must enter the number with a hash at the beginning and the end, for example #01234 567890#.
- ▶ Send the message to "Big Mobile" on 07786 201010.

SMS


Replying to a message from a fixed line

- ▶ Select **Reply**.
- ▶ Enter your message text, and include the fixed line number somewhere in the message. The number can be at any point in your message, but you must enter the number with a hash at the beginning and the end, for example #01234 567890#.
- ▶ Select **Send**.

Inbox

 Indicates that you have received a new message. A flashing envelope indicates that your message store is full.

Received text messages are stored in your **Inbox**.

Select **SMS** > **Inbox**, or press and hold , then select **Inbox**, to see a list of your received messages.

Outbox

To access your Outbox select **SMS** > **Outbox**, or press and hold , then select **Outbox**.

From your outbox you can view all your sent text messages.


You can select a message, and choose from the following options:

Edit. Edit the message.

Send. Send the message.

Read. Read the message.

Chat. Read sent and received messages with another party on one screen.

- ▶ Select **Chat**.
- ▶ Enter the phone number you want to chat with.
- ▶ Enter a nickname. This can be up to 18 characters long.
- ▶ Send and receive messages.
- ▶ Press  to end the chat.

When you receive a message in chat mode, the text appears above your previous message.

If your phone is not in chat mode when you receive a reply to a chat message, it is received as normal SMS.

If you receive a voice call while you are in chat mode, you can accept the incoming call and return to chat mode at the end of the call.

To save a chat message session select **Menu** > **Save**.

Create. Create another text message.

Move. Move the message to your phone or SIM memory.



Delete. Delete the message.

Delete All. Delete all messages.


Chat SMS

With **Chat SMS** you can read sent and received messages with another party on one screen.

Use this to start a call in chat mode.

- ▶ Enter the phone number you want to chat with.
- ▶ To enter a number using the keypad:
Enter the number, then select **Menu > Ok**.
- ▶ To select a number from the contacts list:
Press  to go to the **Contacts List**.
Select the contact.
Select **Recall**.
Confirm the number, select **Menu > Ok**.
- ▶ Enter a nickname. This can be up to 18 characters long.
- ▶ Select **Menu > Ok**.
- ▶ Enter your message.
- ▶ Select **Menu > Send**.
- ▶ Press  to end the chat.

You can also enter a user message in your chat.


- ▶ Select **Menu > User Msg**.
A list of the user defined messages is displayed.
- ▶ Select the message you require.
- ▶ Press .

To edit a user message, see Editing user messages on page 41.

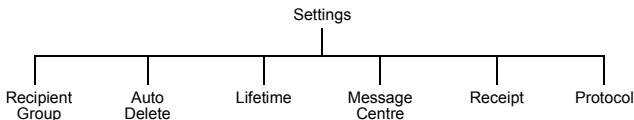
To save a chat message session select **Menu > Save**.

Review

You can see how many messages are stored in your SIM or in your phone. You can store up to 20 messages in your SIM (depending on your SIM), and 200 in your phone. If your SIM storage is full or nearly full, you can move messages to your phone storage. To move a message from SIM to mobile:

- ▶ Select **SMS > Inbox**.
- ▶ Highlight the message.
- ▶ Press .
- ▶ Select **Move**.
- ▶ Confirm that you want to move the message from the SIM to your phone.

Settings



Message centre

You must enter the message centre number before you can send text messages.

Note: The message centre number may have been pre-programmed on the SIM.


- ▶ Select **Message Centre**.
- ▶ Enter the message centre number in international dial format (see Making international calls on page 23).

Note: The message centre number is provided by your service provider.



Recipient group


You can preset the destination of text messages. There are five recipient groups. You can store up to ten destinations in each group.

To name or rename a group:

- ▶ Highlight a group number or name.
- ▶ Press .
- ▶ Select **Rename**.
- ▶ Enter a new name.

To add names to a recipient group:

- ▶ Highlight a group number or name.
- ▶ Press .
- ▶ Select **Select**.
- ▶ Select **Entry**.
- ▶ Select required name.
- ▶ Select **Recall**.
- ▶ To add another name press .
- ▶ Select **Entry**.
- ▶ Select required name.
- ▶ Select **Recall**.

When you have added all the names, press .

Auto delete

You can set this to automatically delete messages. You select from:

Off. Turns off **Auto Delete**.

Received Read. Overwrites the oldest read message.

Received Any. Overwrites the oldest read message or the oldest unread message if there are no read messages.

Lifetime

This is the time that your message is stored at the message centre. The message centre keeps trying to deliver the message until the message is delivered, or the **Lifetime** expires.

Receipt

You can choose whether you want to receive a confirmation when your message has been delivered. You select from **Yes**, **No** and **Ask**. If you select **Ask**, you are asked if you want to receive a delivery confirmation whenever you send a message.

Protocol




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

Broadcasts

Broadcasts are messages sent on a variety of subjects by your service provider.

Topics

Before you can receive broadcasts, you need to specify the topics of information that you want to receive.

- ▶ Select **Topics**.
- ▶ Press .
- ▶ Select **Insert**.
- ▶ Use  to page through the list of available topics.
- ▶ Press  to select a topic.

If you want to specify more than one topic, keep paging through the topics and select all the ones that you want.

Turning broadcasts on and off

If you are busy, or do not want to receive broadcasts for a while, you can turn them off, and turn them on again later.

- ▶ Select **Receive**.
- ▶ Select **On** or **Off**.

SMS

Message list

The **Message List** stores the last broadcast messages that you received. You can delete messages from here.

Languages

You can change the language for your broadcast messages.

- ▶ Select **Language**.
- ▶ Select the language from the list.



Data Folders

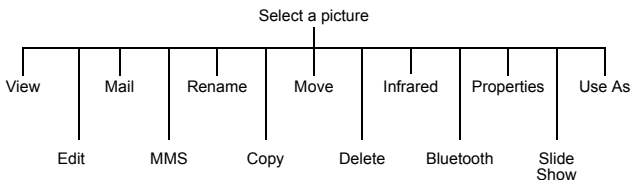
Use **Data Folders** to store your pictures, sounds and themes. There are three predefined folders for **My Pictures**, **My Sounds** and **My Themes**. These may contain preloaded files. There is a folder called **Unknown**, where files with an unknown format are stored. There are five empty folders. You can customise any of these folders. The maximum capacity of **Data Folders** is 5Mb, and it can hold up to 900 files. The maximum file size is 100kB. To access the **Data Folders**, select **Menu > Data Folders**, or press and hold down **Q**.

Note: You cannot change or forward wallpaper and ring type files that you have downloaded from the Internet.



Changing the SIM does not affect the contents of **Data Folders**.

The phone can only display files that are in one of the supported formats. See Specifications in Part 2 for the supported formats.

My pictures





Viewing stored pictures

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to view.
- ▶ Press , or press  and select **View**.

Data Folders

Editing stored pictures


From the **Edit** menu you can change the **Brightness**, **Effect**, **Frame**, **Size**, **Format** and **Trim** of a stored picture. When you have edited the picture, press  to save your changes.

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to edit.
- ▶ Select **Edit**.
- ▶ Press .

Note: You cannot use this for predefined wallpaper files.

For information about these options, see Editing the picture on page 73.



Sending a picture by mail or MMS

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to send.
- ▶ Press  and select **Mail** or **MMS**.

A new mail or MMS message is opened with the picture already embedded.


Note: You cannot use this for predefined wallpaper files or barred picture files.

Renaming a picture

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to rename.
- ▶ Press .
- ▶ Select **Rename**.
- ▶ Remove the existing text using , then enter the new name.

Note: You cannot use this for predefined wallpaper files.

Copying or moving a picture


- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to copy or move.
- ▶ Press .
- ▶ Select **Copy** or **Move**.
- ▶ Select the folder to move or copy to.

Note: The default folder is the last one that you copied or moved to.

You cannot use this for predefined wallpaper files.

You cannot copy barred picture files.

Deleting a picture


- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to delete.
- ▶ Press .
- ▶ Select **Delete**.
- ▶ Confirm delete.

Note: You cannot use this for predefined wallpaper files.

Sending a picture via Infrared

Set up the devices so that the Infrared ports are pointing at each other, and within the effective range of Infrared connection.


Ensure that there are no obstructions between the devices.

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to send.
- ▶ Press .
- ▶ Select **Infrared**.

Note: You cannot use this for predefined wallpaper files, or barred picture files.

Data Folders

Sending a picture via Bluetooth®


- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want to send.
- ▶ Press .
- ▶ Select **Bluetooth**.
- ▶ Select the Bluetooth® device from the list of Paired Devices or select **Find to Discover another Bluetooth® device**.

Note: If your phone is not Paired with any other devices, it starts searching for a device automatically.

You cannot use this for predefined wallpaper files, or barred picture files.


Viewing the image properties

You can see the image name, the date and time that it was created, its size, whether or not it is copyrighted and whether or not you can forward and copy the file.


- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want.
- ▶ Press .
- ▶ Select **Properties**.

Using images as a slide show

You can display the images in the folder as a slide show, starting with the current image. Each image displays for five seconds. You can select **Pause** to stop the slide show, and **Cont** to continue with the slide show.

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture.
- ▶ Press .
- ▶ Select **Slide Show**.

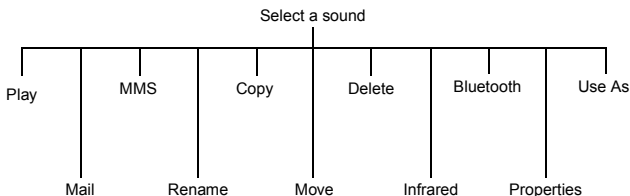
Using the picture as your wallpaper

- ▶ Select the folder where your pictures are stored.
- ▶ Select the picture that you want.
- ▶ Press .
- ▶ Select **Use As**.
- ▶ Select **Wallpaper**.



Your wallpaper is updated to use the selected picture.

My sounds


Note: The functions available depend on the type of sound file.



Playing stored sounds

- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to play.
- ▶ Press , or press  and select **Play**.



Sending a sound by mail or MMS

- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to send.
- ▶ Press  and select **Mail** or **MMS**.

A new mail or MMS message is opened with the sound already embedded.

Note: You cannot use this for polyphonic ring types or barred music files.


Renaming a sound

- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to rename.
- ▶ Press .
- ▶ Select **Rename**.
- ▶ Remove the existing text using , then enter the new name.

Note: You cannot use this for polyphonic ring types or music files.

Data Folders

Copying or moving a sound


- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to copy or move.
- ▶ Press .
- ▶ Select **Copy** or **Move**.
- ▶ Select the folder to move or copy to.

Note: The default folder is the last one that you copied or moved to.

You cannot use this for polyphonic ring types.

You cannot copy barred music files.

Deleting a sound


- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to delete.
- ▶ Press .
- ▶ Select **Delete**.
- ▶ Confirm delete.

Note: You cannot use this for polyphonic ring types or music files.

Sending a sound via Infrared


Set up the devices so that the Infrared ports are pointing at each other, and within the effective range of Infrared connection.

Ensure that there are no obstructions between the devices.

- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to send.
- ▶ Press .
- ▶ Select **Infrared**.

Note: You cannot use this for polyphonic ring types or barred music files.

Sending a sound via Bluetooth®


- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want to send.
- ▶ Press .
- ▶ Select **Bluetooth**.
- ▶ Select the Bluetooth® device from the list of Paired Devices or select **Find to Discover another Bluetooth® device**.

Note: If your phone is not Paired with any other devices, it starts searching for a device automatically.


You cannot use this for polyphonic ring types or barred music files.

Viewing the sound properties

You can see the file name, the date and time that it was created, its size, whether or not it is copyrighted and whether or not you can forward and copy the sound.

- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want.
- ▶ Press .
- ▶ Select **Properties**.

Using the sound as your ring type

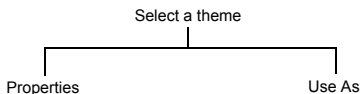
- ▶ Select the folder where your sounds are stored.
- ▶ Select the sound that you want.
- ▶ Press .
- ▶ Select **Use As**.
- ▶ Select the type of call you want to use the ring type.
- ▶ Your ring type is updated to use the selected sound.

Data Folders

My themes


The phone has seven predefined themes. A theme contains a colour scheme. It may also contain a wallpaper and/or a ringtone. You use a theme to change the look and feel of your phone.

Note: The seven predefined themes only contain a colour scheme. They set the colours used on your screen. They do not contain a wallpaper or a ringtone.




Viewing the theme properties

You can see the theme name, the date and time that it was created, its size, whether or not it is copyrighted and whether or not you can forward and copy the theme.

- ▶ Select the folder where your themes are stored.
- ▶ Select the theme that you want.
- ▶ Press .
- ▶ Select **Properties**.

Using the theme


This changes the colours used on your screen to those in the selected theme. If the theme contains a wallpaper, it also updates the wallpaper on your phone to that in the selected theme. If the theme contains a ringtone, this is saved to your **My Sounds** folder. The ringtone on your phone is not updated automatically.

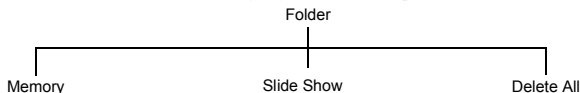
- ▶ Select the folder where your themes are stored.
- ▶ Select the theme that you want.
- ▶ Press .
- ▶ Select **Use As > Theme**.

Unknown

If you download a file with an unrecognised file extension or content type, it is automatically stored in this folder.

Manipulating folders

From the list of folders available, highlight a folder, and press .



Memory

Select **Memory** to display the percentage of memory used and the number of files currently in the folder.

Rename

Select **Rename** to rename the folder.

Slide show

Select **Slide Show** to display all the images stored in the folder in the order listed as a slide show. Each image displays for five seconds. You can select **Pause** to stop the slide show, and **Cont** to continue with the slide show.

Note: You can only do this for folders that contain graphics files.

Delete all

Select **Delete All** to delete all the downloaded contents of the folder. If the folder does not contain any downloaded files, nothing is deleted.



Organiser

The menus are as follows:



Synchronization

- 1 Sync Schedule
- 2 Sync Contacts
- 3 Restore Schedule
- 4 Restore Contacts



Contacts list

- 1 Browse
- 2 Create
- 3 Voice Dial
- 4 Groups
- 5 Settings
- 6 SIM
- 7 Storage
- 8 Service Dial -
This option is
SIM dependent
- 9 Info Numbers
- 10 Voicemail



Converter



Business Card

- 1 View
- 2 Bluetooth
- 3 Infrared



Schedule



Calculator



Alarm



Memo

- 1 Record
- 2 Playback
- 3 Delete



Receive object

This option is SIM dependent



Connect

This option is SIM dependent



Synchronization

Use this to synchronize your **Contacts List** and **Schedule** with compatible data on your computer. You may need to do this if you store this type of information on several devices, and you want them all to be the same. This function uses SyncML technology. You must install software which conforms to SyncML standards on your computer before you can synchronize with data on your phone.

Synchronizing your schedule

Before you can synchronize your schedule, you have to set up a connection to the external database.

- ▶ Highlight **Sync Schedule**.
- ▶ Select **Edit**.
- ▶ Select a connection.
- ▶ Select **Menu > Set**.

You can just send changes to the external database, or send all your records to the external database.

To just send changes to the external database:

- ▶ Select **Sync Schedule**.
- ▶ Select **Sync**.

To send all your records to the external database:

- ▶ Select **Restore Schedule**.
- ▶ Select **Sync**.

Note: Before you can synchronize your **Schedule** data you need to have set the clock. See Setting the clock on page 41.

If you are synchronising your schedule for the first time, or there are a large number of changes, then the synchronization may take several minutes.

If the message **Synchronize all data?** is displayed, you need to confirm the synchronization operation.

You cannot synchronize recurring events (repeat type) or **Ring Type**.

If you set a recurring event (**Daily/Weekly/Yearly**), only the first event is synchronized.

Advanced setting

If there are no servers set, then you need to enter the connection details. Once you have set up a server you need to select the new server and select **Set** to activate the new setting:

- ▶ Highlight **Sync Schedule**.
- ▶ Select **Edit**.
- ▶ Select a connection.
- ▶ Select **Menu > Edit**.

Organiser

Enter the following information:

Item	Length	Default Setting	Note
Profile Name	16	<1> or <2>	This is whatever you want to call the connection.
Bearer Select	not applicable	Cable	Select Cable to use the USB cable or Infrared to use Infrared transmission.
Server Database	128	./Sch	Set according to database name of synchronization server.
Server User ID	32	(empty)	
Server Password	32	(empty)	

Note: If you set Authentication information or change the Bearer setting you also need to change the setting on your computer software. See your software instructions for more information.

Synchronizing your contacts list

Before you can synchronize your contacts list, you have to set up a connection to the external database. You can set up two connections.

- ▶ Highlight **Sync Contacts**.
- ▶ Select **Edit**.
- ▶ Select a connection.
- ▶ Select **Menu > Set**.

You can just send changes to the external database, or send all your records to the external database.

To just send changes to the external database:

- ▶ Select **Sync Contacts**.
- ▶ Select **Sync**.

To send all your records to the external database:

- ▶ Select **Restore Contacts**.
- ▶ Select **Sync**.

Note: If you are synchronizing your contacts list for the first time, or there are a large number of changes, then the synchronization may take several minutes.

If the message **Synchronize all data?** is displayed, you need to confirm the synchronization operation.

You cannot synchronize the following fields:

Company, Title, Home Page (URL), Location, Photo, Group, Ring Type, Vibration Type or Sub LCD Colour.

Advanced setting

If there are no servers set, then you need to enter the connection details. Once you have set up a server you need to select the new server and select **Set** to activate the new setting:

- ▶ Highlight **Sync Contacts**.
- ▶ Select **Edit**.
- ▶ Select a connection.
- ▶ Select **Menu > Edit**.

Enter the following information:

Item	Length	Default Setting	Note
Profile Name	16	<1> or <2>	This is whatever you want to call the connection.
Bearer Select	not applicable	Cable	Select Cable to use the USB cable or Infrared to use Infrared transmission.
Server Database	128	./PhoneBook	Set according to database name of synchronization server.
Server User ID	32	(empty)	
Server Password	32	(empty)	

Note: If you set Authentication information or change the Bearer setting you also need to change the setting on your computer software. See your software instructions for more information.

Organiser



Contacts list

This accesses the same options as the Contacts List menu on the main menu. See Contacts list on page 54 for information on these options.



Converter

Use the converter to convert from/to a home currency using a conversion rate that you enter.

Entering an initial conversion rate

- ▶ Select **Converter** > **Edit**.
- ▶ Enter your abbreviation for the home currency (maximum three characters).
- ▶ Enter your abbreviation for the foreign currency (maximum three characters).
- ▶ Enter the current currency conversion rate.

Once you have entered a conversion rate it is retained in the phone. You can edit the conversion rate and currency abbreviation.

Converting a value

- ▶ Confirm that the conversion rate is correct, if not select **Edit** to edit it.
- ▶ Enter the amount to convert.

Reversing the currency conversion

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


- ▶ Select **Swap**.
- ▶ Enter the value to convert.



Business card

With **Business Card** you can enter some details about you, and send them to a Bluetooth® or Infrared device.

Entering details

- ▶ Select **View**.
- ▶ Select the item you want to enter or change.
- ▶ Select **Edit**.
- ▶ Enter the text.
- ▶ Press  to save the card.

You can enter the following information:

Item	Number of characters
First name	16
Last name	16
Home number	40
Work number	40
Mobile number	40
Other number	40
Home mail	80
Work mail	80
Other mail	80
URL	80
Title	16
Company	16
Note	32
Photo	Select a picture from the list or take a picture with the camera.

Send your details to a Bluetooth® device

Select **Bluetooth**.

The phone searches for another Bluetooth® device. Select **Stop** when the Bluetooth® device is displayed.

Select the Bluetooth® device from the list or select **Find** to Discover another Bluetooth® device.

Send your details to an Infrared device

Set up the devices so that the Infrared ports are pointing at each other, and within the effective range of Infrared connection.

Ensure that there are no obstructions between the devices.

Select **Infrared**.

Note: To receive a business card from another Infrared or Bluetooth® device use Receive Object. See Receive object on page 102.

Organiser





Schedule

Use the schedule to register reminders for events and for planning holiday periods.

Caution: You need to ensure that any settings made in the schedule do not automatically power on the phone when you are in an aircraft, medical facility etc.

Creating a reminder

- ▶ Select **Menu** > **Create**.
- ▶ Press .
- ▶ Enter the start date.
- ▶ Enter the end date.
- ▶ Select the next menu item.
- ▶ Enter the start time.
- ▶ Enter the end time.
- ▶ Select the next menu item. Select from **Once**, **Daily**, **Weekly** and **Yearly**.
- ▶ Select the next menu item. Enter any notes that you want to make.
- ▶ Select the next menu item. Select a ring type.
- ▶ Press  to save the entry.

Deleting a reminder

- ▶ Highlight a date.
- ▶ Select **Menu** > **Delete**.
- ▶ Select from **Day**, **Past** and **All**.


Day, deletes all the reminders on the selected day.

Past, deletes all reminders prior to the selected day.

All, deletes all reminders.

Jumping to a date


Rather than scrolling through each month on the schedule, you may want to go straight to a specific date to see whether you have any reminders set.

- ▶ Select **Menu** > **Jump**.
- ▶ Press and hold  to remove the current date.
- ▶ Enter the date you want to go to.
- ▶ Select **Ok**.

Viewing a reminder

- ▶ Highlight a date.
- ▶ Select **View** or select **Menu > View**.
- ▶ Select the reminder.
- ▶ Select **Detail**.

Setting a holiday reminder

- ▶ Select **Menu > Options**.
- ▶ Select **Holiday Set**.
- ▶ Select **Day** or **Day of the week**.
- ▶ Press and hold  to remove the current date.
- ▶ Enter the new date.
- ▶ Repeat for each day of holiday as required.

Note: Dates that you set as holiday dates are shown in red.

Deleting holiday reminders

- ▶ Select **Menu > Options**.
- ▶ Select **Holiday Set**.
- ▶ Select **Holiday List**.
- ▶ Select required holiday date.
- ▶ Select **Delete**.
- ▶ Confirm delete.

To delete all your holiday reminders:

- ▶ Select **Menu > Options**.
- ▶ Select **Holiday Set**.
- ▶ Select **All Clear**.
- ▶ Confirm delete.

Review

You can select **Menu > Options > Review** to see the amount of space you have available and the amount of space that you have used in your Schedule.

Changing the schedule layout

You can decide which day you want to have at the start of the week.

- ▶ Select **Menu > Options > Start of week**.
- ▶ Select the day.

Organiser



Calculator

The four function calculator performs simple calculations - addition, subtraction, multiplication and division.

- ▶ Select **Calculator**.
- ▶ Enter a number (maximum 10 digits).
- ▶ Use to select the arithmetic operator.
- ▶ Enter another number (maximum 10 digits).
- ▶ If the calculation is complete press to get the result.
- ▶ If the calculation is not complete, enter numbers and arithmetic operators, until the calculation is complete, then press to get the result.

Note: To enter a decimal point press .



Alarm


Sets the time, frequency and tone for an alarm call. You can set up to four alarms.

Setting an alarm




- ▶ Select --:-- to enter a new alarm, or select an existing alarm time to edit.
- ▶ Select --:--.
- ▶ Enter the time.
- ▶ Select the next menu item to set the frequency of the alarm.
- ▶ Choose from **Repeat Daily** and **Once**.
- ▶ Select the next menu item to set an alarm tone.
- ▶ Select the folder where your sound is stored.
- ▶ Select a sound.
- ▶ Press to save your alarm settings.

Once you have set an alarm you can highlight it and use to cycle through **Repeat Daily**, **Once** or **Disabled**. The icon next to the alarm time changes to show which option you have selected.

Disabling an alarm

- ▶ Select an existing alarm time.
- ▶ Select the frequency option.
- ▶ Select **Disabled**.
- ▶ Press  to save your alarm settings.

Or

- ▶ Highlight an existing alarm time.
- ▶ Press  to cycle through **Repeat Daily**, **Once** or **Disabled**.
- ▶ Stop at **Disabled**.
- ▶ Press  then  to save your alarm settings.



Memo



Use the Memo to record a two-way conversation during a call, and to use the phone as a voice recorder. You can record up to four memos. The maximum length of each memo is 14 seconds

Note: You can press the memo key on the side of the phone to access the memo function from idle mode.



If you install a different SIM you lose your current memos.

Caution: You are responsible for the security of a recorded message. You should ask for the other party's consent before recording.

Recording a memo

- ▶ Select **Record**.
- ▶ Record your message.
- ▶ Press  to stop recording.
- ▶ Press  to start recording the next memo.


Recording a conversation

- ▶ To start recording during a call press  and select **Memo** or press the memo key on the side of the phone. A tone sounds when recording starts and again when it stops.
- ▶ To stop recording, press .

Organiser


Playing back a recording

- ▶ Select **Playback**.
- ▶ Select a recording.

To stop playing press  twice.

Note: You can use the notepad during play back, see Using the notepad on page 30.

Volume control during play back

While playing back a recording, use  to adjust the volume.

Deleting a recording

- ▶ Select **Delete**.
- ▶ Select the recording.
- ▶ Confirm delete recording.



Receive object

Note: This option is not displayed if your SIM supports STK.

Use this to receive data such as contact entries, pictures or sounds from another Infrared or Bluetooth[®] device. For details see Receiving objects via Infrared on page 110, or Receiving objects via Bluetooth[®] on page 106.



Connect

Note: This option is displayed if your SIM supports STK.

This option contains the same items as the main Connect menu. For details on the Connect options, see Connect on page 103.



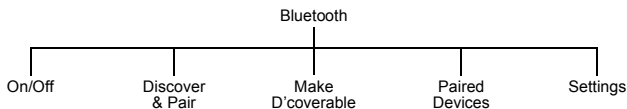
Connect

From the **Connect** menu you can set up your Bluetooth® and Infrared dialup connections and receive data from other devices.

Note: You can access the **Connect** menu from the top level menu or via the **Organiser** menu. This is SIM dependent.

Your phone can be used as a modem to connect a laptop or desktop PC to the Internet via Bluetooth®, Infrared or USB Data Cable. For further information please refer to the documentation on the CD-ROM, or to the Panasonic website www.panasonicmobile.com/support_software/e_eng/index.html.

Bluetooth®



Bluetooth® provides wireless connections from your phone to headsets, car kits, PC's, laptops and other devices. It uses a radio link which provides fast and reliable transmission of data and voice without the need for a line of sight connection. It operates over a distance of about 10 metres, although you may be able to achieve a distance of up to 30 metres.

You can use Bluetooth® on your phone to:

- Make and receive voice calls using a Bluetooth® headset or car kit.
- Transfer pictures, sounds, or other data files to or from PC's, laptops or other mobile phones that support Bluetooth®.
- Send and receive electronic business cards with other mobile phones that support Bluetooth®.
- Send and receive electronic calendaring and scheduling data with other mobile phones that support Bluetooth®.
- Connect a computer to the Internet so you can send e-mails or browse websites.
- Connect to a computer to send and receive faxes.

Connect

Turning Bluetooth® on and off

When Bluetooth® is on, the Bluetooth® icon (📶) is displayed at the top of the main display. If you leave Bluetooth® on you can make and answer calls using your Bluetooth® headset or car kit, send e-mails and browse websites without pressing any keys on your phone.

Note: Leaving Bluetooth® on reduces the phone's standby time by about 20%.

- ▶ Select **On/Off**.
- ▶ Select **On** or **Off**.

If Bluetooth® is active and you choose to turn it off, you are prompted to confirm the disconnection.

Note: You can send and receive pictures, sounds, themes, contact details and other data when Bluetooth® is off. Your phone automatically switches Bluetooth® on while the transfer is taking place, then switches it off when the transfer is complete.

Discovering and Pairing devices

To use your Bluetooth® headset or car kit with your phone to make voice calls or to use your Bluetooth® enabled laptop to connect to the Internet you must Pair them with your phone. You only need to do this once for each device, thereafter your phone remembers these devices and stores them in its Paired Devices list. Your phone can be Paired with up to ten devices.

- ▶ Select **Discover & Pair**.
This lists all Discoverable Bluetooth® devices within about 10 metres.
- ▶ When the device appears in the list, select **Stop**.
- ▶ Highlight the device in the list.
- ▶ Select **Pair**.
- ▶ Enter the Bluetooth® Passkey.

If the device you want to Pair with is not listed then check that it is Discoverable. Some Bluetooth® devices are not Discoverable even if they are within 10 metres range. Most Bluetooth® headsets and car kits must be put into Discoverable mode. This is a security feature to prevent other Bluetooth® devices from Pairing with your headset or car kit.

The Pairing fails if you enter the wrong Passkey. Most Bluetooth® headsets and car kits use a fixed 4 digit Passkey, e.g. the Passkey for the Panasonic EB-BHX70 Headset is 0000. For other devices such as a PC, laptop or another mobile phone that don't use a fixed Passkey enter the same Passkey on both devices. This can be anything from 1 to 16 digits long.

Note: Some manufacturers may use the term PIN, Password or Passcode instead of Passkey.

Your phone only supports Passkeys that use numbers not letters.

Making the phone Discoverable

You can also Pair with another Bluetooth® device by making your phone Discoverable and letting the other Bluetooth® device initiate the Pairing. To make your phone Discoverable:

- ▶ Select **Make D'coverable**.
- ▶ Select **Start**.

Your phone is Discoverable for five minutes. While the phone is Discoverable, the Bluetooth® icon flashes. If you Pair your devices in less than five minutes you can turn off Discoverable mode:

- ▶ Select **Make D'coverable**.
- ▶ Select **Stop**.

If you take longer than five minutes to Pair your devices, your phone automatically turns off Discoverable mode and you have to start it again.

Viewing, editing and deleting your Paired devices

To see what devices you currently have Paired select **Paired Devices**, and look at the list on the screen.

If you have no Paired devices, you can select **Find** to Discover a device.

You can select an item on the list and choose to edit it or delete it. If you choose **Edit**, you can rename the device.

Note: Your phone can be Paired with up to ten devices.

Selecting default audio device

If your phone is Paired with more than one audio device (headsets, car kits, etc.) then the last device that you Paired is your default audio device. When you transfer audio to Bluetooth® during a call you transfer to the default audio device. When you receive a call, only the default audio device rings.

If you want to change the default audio device:

- ▶ Select **Paired Devices**.
- ▶ Highlight the device that you want to be the default.
- ▶ Select **Menu > Make Default**.

Connect

Note: If the **Make Default** option is not available, then this device is already the default device.

Viewing your Bluetooth® settings

Your Bluetooth® name is the name reported to other Bluetooth® devices when they Pair or exchange data with your phone. By default the name is Panasonic P342i but we recommend that you change it.

To view your Bluetooth® name and address select **Settings**.


To edit the name select **Menu > Edit**.



You cannot change your Bluetooth® address.

Sending objects via Bluetooth®

You can send data from **Contacts List**, **Data Folders**, **Schedule** and **Business Card**.

For **Contacts List**, select **> Contacts List > Browse > Menu > Bluetooth**.

For **Data Folders**, highlight the object you want to send. Press . Select **Bluetooth**.

For **Schedule**, highlight the required date. Press  to view the day's details. Highlight the memo that you want to send. Press  and select **Bluetooth**.

For **Business Card**, select **Organiser > Business Card > Bluetooth**. Select the device from the list.

Receiving objects via Bluetooth®

From the **Connect** menu select **Receive Object**.

The phone waits for incoming data from either Bluetooth® or Infrared port. If data is received from a Bluetooth® device you are asked if you want to accept the data. You do not need to Pair with the other Bluetooth® device.

Note: If Bluetooth® is off when you send or receive objects, your phone automatically switches Bluetooth® on while the transfer is taking place, then switches it off when the transfer is complete.

When you receive **Calendar** or **Contacts List** data, these applications are launched, and you are prompted to save the received data.

When you receive multimedia data, **Data Folders** is opened, and you can choose where to save the file.

Connecting your computer to the Internet via Bluetooth®

You can use Bluetooth® to connect your computer (laptop, notepad or PC) to your phone without using any cables. Your phone acts as a modem. You can use it to connect your computer to the Internet for web browsing, sending and receiving e-mails and transferring files (FTP).

Your Internet connection can be circuit switched (CSD) which gives a connection speed of up to 9.6 kbps or GPRS which gives a connection speed of up to 57.6 kbps. With GPRS you are usually only charged for the amount of data sent and received, not for the duration of the connection. Also, with GPRS, you can still make and receive voice calls while accessing the Internet, although the GPRS connection is suspended during the voice call.

Note: To use CSD you must subscribe to your network operator's CSD service. To use GPRS you must subscribe to your network operator's GPRS service.

To set up your computer and phone you need to:

- Subscribe to CSD or GPRS service.
- Install Bluetooth® on your computer.
- Pair your computer with your phone.
- Install the Data Connection Assistant software on your computer.
- Set up a dial up connection on your computer to access the Internet via your phone.

Note: Installation instructions for your computer may vary depending on your computer's operating system, web browser, Bluetooth® Adaptor, etc. For further information please refer to the documentation on the CD-ROM, or to the Panasonic website www.panasonicmobile.com/support_software/e_eng/index.html.

Installing Bluetooth® on your computer

If your computer does not have Bluetooth® built in, you need to:

- Get a Bluetooth® USB or PCMCIA adaptor.
- Plug the Bluetooth® adaptor into your computer.
- Install the software provided with the adaptor.

Pairing your computer with your phone

You need to Pair your phone with your computer. You can do this from the phone in the same way as you Pair with a Bluetooth® headset (see Discovering and Pairing devices on page 104) or you can do it from the computer:

First you need to turn on Bluetooth® on the phone:

Select **Menu > Connect > Bluetooth > On/Off > On**.

The Bluetooth® icon appears on the phone.

Then make the phone Discoverable:

Connect

Select **Menu > Connect > Bluetooth > Make D'coverable > Start/Stop > Start**.

On your computer, run your Bluetooth® application.

Select Find Bluetooth Devices.

Your computer should Discover your phone.

- ▶ On your computer select Pair, then enter the Passkey (any number from 1 to 16 digits).
- ▶ On your phone enter the same Passkey then select Ok.

Installing the Data Connection Assistant software

The Data Connection Assistant software is supplied with your phone on the CD-ROM, or it can be downloaded from **www.panasonicmobile.com**.

Follow the instructions provided to install the Data Connection Assistant.

Note: Select Other/Skip modem install for operation with Bluetooth®.

Once the Data Connection Assistant is installed you need to set up a connection to your Bluetooth® modem:

Select Start > Programs > Panasonic Data Connection Assistant > Data Connections.

If you are using a circuit switched connection:

- ▶ Select Make New Connection.
- ▶ Select Modem - (Panasonic P342i or Bluetooth® COM port from the Select a Device window).
- ▶ Enter the phone number for your Internet Service Provider (ISP).

If you are using a GPRS connection:

- ▶ Select Make New GPRS Connection (GPRS).
- ▶ Select Modem - (Panasonic P342i or Bluetooth® COM port from the Select a Device window).
- ▶ Enter the Access Point Name (APN) supplied by your GPRS network operator.

Note: With some Bluetooth® USB adaptors you may need to add a modem on the correct COM port for the Data Connection Assistant. To do this on your computer select Start > Settings > Control Panel > Phone and modem options > Add > COMn, where n is the Bluetooth® COM port number.

Setting your computer's dial up connection

From your web browser:

- ▶ Select Start > Program > Panasonic Data Connection Assistant
- ▶ Select the previously created data connection, then select the Connect option from the File menu.
- ▶ Enter your user name and password and select Connect.

Once connected you can:

- Browse web sites using your computer's web browser software, e.g. Internet Explorer.
- Send and receive e-mails using your e-mail software application.
- Send and receive files to and from a server connected to the Internet using FTP software.

Note: For further details see the Data Connection Assistant documentation.

Faxing from your computer via Bluetooth®

You can use Bluetooth® to connect your computer (laptop, notepad or PC) to your phone without using any cables. Your phone acts as a fax modem. You can use it for sending and receiving faxes.

Once it is set up, whenever you send a fax from your computer it uses Bluetooth® to connect to the phone, then your phone dials the fax number.

To send and receive faxes you must subscribe to your network operator's fax service. This gives you a second number for receiving incoming faxes.

To set up your computer and phone you need to:

- Subscribe to fax service.
- Install Bluetooth® on your computer. See Installing Bluetooth® on your computer on page 107.
- Pair your computer with your phone. See Pairing your computer with your phone on page 107.
- Install fax software on your computer, e.g. WinFax Pro (www.symantec.com).
- Install the Data Connection Software on your computer. See Installing the Data Connection Assistant software on page 108.
- Set up your computer's fax application software to send and receive faxes via your phone. Ensure that you select the Panasonic P342i Bluetooth® modem port in your fax application.

Infrared dialup

You can use the Infrared connection to transfer information between your phone and another device with an Infrared port. You can also use GSM fax and data services, and you can access the Internet and e-mail via other devices.

Preparing for Infrared connection


Place your phone and the other device within the effective range of the Infrared connection.

- ▶ Ensure that there are no obstructions between the two devices.
- ▶ Ensure that the Infrared ports of the devices point at each other.
- ▶ If you use a PC, you need to set up Infrared connection on the PC.
For example, Start > Settings > Control Panel > Infrared > Options Tab
> Enable Infrared Communication.

Sending objects via Infrared

You can send data from **Contacts List**, **Data Folders**, **Schedule** and **Business Card**.

For **Contacts List**, select > **Contacts List** > **Browse** > **Infrared**.

For **Data Folders**, highlight the object you want to send. Press . Select **Infrared**.

For **Business Card**, select **Organiser** > **Business Card** > **Infrared**.

Press  to stop the transmission at any time.

Receiving objects via Infrared

From the **Connect** menu select **Receive Object**.

The phone waits for incoming data from either Bluetooth[®] or Infrared port.

When you receive **Calendar** or **Contacts List** data, these applications are launched, and you are prompted to save the received data.

When you receive multimedia data, **Data Folders** is opened, and you can choose where to save the file.

Connecting your computer to the Internet via Infrared

You can use Infrared to connect your computer (Laptop, Notepad or PC) to your phone without using any cables. Your phone acts as a modem and it can be used for connecting your computer to the Internet for web browsing, sending/receiving e-mails, and transferring files (FTP).

To set up your computer and phone you need to:

- Subscribe to CSD or GPRS service
- Install the Data Connection Assistant software on your computer. See Installing the Data Connection Assistant software on page 108.
- Set up a dial up connection on your computer to access the Internet via your phone. See Setting your computer's dial up connection on page 109.

Note: Installation instructions regarding your computer may vary depending on your computer's operating system, web browser, etc.

Faxing from your computer via Infrared

You can use Infrared to connect your computer (Laptop, Notepad or PC) to your phone without using any cables. Your phone acts as a Fax modem and it can be used for sending and receiving Faxes.

Once set up, whenever you send a Fax from your computer it uses Infrared to connect to your phone, then your phone dials the Fax number.

To send and receive Faxes you must subscribe to your network operator's Fax service. This gives you a second phone number on which to receive incoming Faxes.

To set up your computer and phone you need to:

- Subscribe to Fax service
- Install Fax software on your computer such as WinFaxPro (www.symantec.com)
- Install the Data Connection Assistant software on your computer (See Installing the Data Connection Assistant software on page 108.)
- Set up your computer's Fax application software to send/receive faxes via your phone. Ensure that you select the Panasonic P342i Infrared modem port in your Fax application.



STK

Note: This option is SIM dependent. 

This is the SIM Toolkit menu. If you have this option on your phone, then you need to use the **Organiser** menu to access the **Connect** options.

Accessories

Bluetooth® headset (EB-BHX70)

You can use a Bluetooth® Headset to make handsfree calls within approximately 10 metres of your phone.

Car charger (EB-CDX70)



Top up your battery in your vehicle by attaching this to your cigarette lighter socket.

Car holder (EB-KAX70)

This can be mounted in your vehicle to store your phone. Can be used with car charger and personal handsfree to provide basic in-car handsfree operation.

Carry case (EB-YKX70)



This hip case protects your phone, and can be attached to your belt to keep it close at hand.

Fast travel charger (EB-CAX70UK)

Carry this wherever you go so you can always recharge your battery.

Fast travel charger (EB-CAX70EU)

Li-Ion battery (EB-BSX73D)

Double your talk time by having a spare battery.

Personal handsfree (EB-EMD87)

Talk and move while keeping your hands free, by using a personal handsfree. Put the ear piece in your ear and the adaptor in the side of the handset, and talk.

USB and charging data cable (EB-UCX70)

Use this to connect your phone to a PC, so you can:


- Connect your PC to the Internet;
- Send faxes from your PC;
- Download ring tones, wallpapers, phone books and other data to customise your phone.

You should use this in conjunction with the software on the CD-ROM.

Troubleshooting

Please contact your dealer, if any problem persists, or if your problem is not dealt with here.

Problem	Cause	Remedy
Phone will not switch on.	The network you are using and the condition of the battery can affect battery life.	Check that the battery is fully charged and correctly connected to the phone.
Short battery life for a new battery.	The network you are using and the condition of the battery can affect battery life.	
	Leaving Bluetooth® on reduces standby battery life by about 20%.	Turn Bluetooth® off if you are not using it.
Short battery life for an old battery.	The battery has worn out	Replace with a new fully charged battery.
The charging indicator does not light, the battery level indicator does not appear and the phone cannot be switched on when charging.	The battery is not attached to the phone or when the battery has been deeply discharged the phone will take a short time until the indicator lights.	Leave the phone charging the battery for a few minutes before the indicator is lit and attempting to switch it on.
Battery fails to charge.	The battery is not attached to the phone.	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.	
Charge fault icon (⚡) on phone with charge LED on, while charging the battery.	The charging temperature limits have been exceeded.	Leave the charger connected. Charging will automatically resume when the temperature falls.
Charge fault icon (⚡) on phone with charge LED off, while charging the battery.	There is a problem charging the phone.	Disconnect then reconnect the charger. If the problem persists, contact your service provider.

Problem	Cause	Remedy
Calls cannot be made.	The phone is locked.	Enter the lock code to unlock the phone.
	Outgoing calls are barred	Disable the outgoing call barring, or barred dial.
	The phone is not registered to a network.	Move to a coverage area and operate your phone after it has registered with a network.
Calls cannot be made from Fixed Dial Store.		Check your SIM supports Fixed Dial. Check if the Fixed Dial is switched on. Check the phone number is stored in the Fixed Dial.
Calls cannot be received.	The phone is not switched on.	Switch the phone on.
	Incoming calls are barred.	Disable the incoming call barring.
	The phone is not registered to a network.	Move to a coverage area and operate your phone after it has registered with a network.
Emergency calls cannot be made.	You are not in a GSM coverage area.	Check that the antenna symbol  is displayed – move to a coverage area and operate your phone when the antenna symbol is displayed.
Phone numbers cannot be recalled from Contacts List	The phone is locked.	Enter the lock code to unlock the phone.
	Phone number has been restricted.	Switch off restriction.
P342i does not Discover another Bluetooth® device.	The other Bluetooth® device may not be in Discoverable mode.	Put the other device into Discoverable mode.
P342i fails to Pair with another Bluetooth® device	Incorrect Passkey entered.	Check Passkey and retry.
	P342i may already be Paired with 10 devices.	Delete a device from the Paired Devices list.

Problem	Cause	Remedy
P342i is not Discovered by other Bluetooth® devices	P342i is not in Discoverable mode.	Put the P342i into Discoverable mode.
Call is terminated when closing the phone	Active Flip is enabled.	Disable Active Flip.

Important error messages

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

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

Troubleshooting

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

Glossary

APN	Access Point Name. Gateway from GRPS network to other networks, e.g. Internet.
Bluetooth®	Short range wireless connection for voice and data transfer.
CHAP	Challenge Handshake Authentication Protocol. A security feature for the GPRS network.
CSD	Circuit Switched Data. Connection method used by your phone for data services such as web browsing, e-mail and fax. In this mode your phone acts like a dial up modem with a data rate of up to 9.6 kbps. With CSD you are charged for the duration of your connection, and you cannot receive voice calls while you are using CSD. To use your phone's CSD capability you must subscribe to your network operator's CSD service.
Discover	Search for other Bluetooth® devices.
Discoverable	Allow other Bluetooth® devices to discover your device.
DTMF Tones	Dual Tone Multi-Frequency tones allow you to communicate with computerised phone systems, voicemail boxes etc.
GPRS	General Packet Radio Service. The name give to the advanced mobile packet data communications system that your phone supports. This system gives increased data rates compared to a Circuit Switched Data (CSD) connection. It is usually charged on the amount of data transferred not on the connection time. To use your phone's GPRS capability you must subscribe to your network operator's GPRS service.
GSM	Global System for Mobile Communications. The name given to the advanced digital mobile phone system that your phone uses.
i-mode™	The Internet service provided by the NTT DoCoMo group.
i-mode™ Mail	The mail send and receive function of the i-mode™ service.
i-mode™ MMS	The multimedia mail send and receive function to send text, images and melodies with the i-mode™ service.
ISP	Internet Service Provider.
Network Operator	The organization responsible for operating a GSM network.
Pair	Form a permanent association between two Bluetooth® devices.

Glossary

PAP	Password Authentication Protocol. A security feature for the GPRS network.
Passkey	A one to sixteen digit number entered when Pairing Bluetooth [®] devices. Used as a security measure to prevent unauthorised Pairing. Also known as PIN, Password or Passcode by other manufacturers.
Password	Used for the control of the Call Bar. Supplied by your service provider.
PIN	Personal Identification Number used for SIM security. Supplied by your service provider. If the PIN is entered incorrectly 3 times, the PIN will be blocked.
PIN2	Personal Identification Number used for the control of Fixed Dial Store and Call Charge metering. Supplied by your service provider. If the PIN2 is entered incorrectly 3 times, the PIN2 will be blocked.
PUK/PUK2	PIN/PIN2 Unblocking Key. Used to unblock the PIN/PIN2. Supplied by your service provider. If the PUK/PUK2 is entered incorrectly 10 times, the PUK/PUK2 will be blocked.
Registration	The act of locking on to a GSM network. This is usually performed automatically by your phone.
Roaming	The ability to use your phone on networks other than your Home network.
Service Provider	The organization responsible for providing access to the GSM network.
SIM	Subscriber Identity Module. A small smart-card which stores unique subscriber and user-entered information such as Contacts List entries and Short Messages. Supplied by your service provider.
SSL	Secure Socket Layer. This is an Internet protocol for secure data communication between web server and web browser.

Personal settings and notes

Use the table below to record your i-mode™ server settings.

Item	Provisioning Information Setting No 2 (if customizable)	Provisioning Information Setting No 3
Profile Name		
Proxy Port		
SSL Port		
Proxy Host		
Portal URL		
Mail URL		
MMS URL		
GPRS Settings		
Access Point Name		
User ID		
User Password		
Authentication	Normal (PAP)/ Encrypted (CHAP)/None	

Notes

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

Part Number	
Serial Number	
Dealer Name	
Purchase Date	

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