

Contents

1	Copyright and Legal Information	1
2	Your phone	3
3	Getting started	6
4	Making a call	10
5	Answering a call	12
6	Calls list and contact list	13
7	Menu navigation	16
8	Messages	17
9	Internet menu	25
10	Sounds	29
11	Extras	32
12	Settings	37
13	Services	40
14	Troubleshooting	42
15	Safety Information	46
16	Regulatory Compliance and SAR Statements	50
17	End User License Agreement	56
18	Warranty Statement	59

1 Copyright and Legal Information

The wireless phone described in this manual is approved for use in GSM 850 and 1900 networks.

Copyright Information

Part number: 8E30-1F261-50000, Edition 1.

Copyright Sendo 2004. All rights reserved.

Printed in the Netherlands.

sendo is a registered trademark, or trademark, of Sendo International Ltd. and/or its affiliates.

Reproduction, transfer, distribution or storage of part or all of the contents in this document in any form without the prior written permission of Sendo is prohibited.

T9 Text Input is a registered trademark of Tegic Communications. All rights reserved. T9 Text input is licensed under one or more of the following U.S. Patents: 5,818,437, 5,953,541, 5,945,928, 6,011,554 and additional patents are pending worldwide.

DISCLAIMER

The information contained in this user guide is written for the Sendo phone model 331. Sendo reserves the right to make changes and improvements to the products and any of the features of the products described in this document without prior notice

THE CONTENTS OF THIS DOCUMENT ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAW, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS DOCUMENT. SENDO RESERVES THE RIGHT TO

REVISE THIS DOCUMENT OR WITHDRAW IT AT ANY TIME WITHOUT PRIOR NOTICE. UNDER NO CIRCUMSTANCES SHALL SENDO BE RESPONSIBLE FOR ANY LOSS OF DATA OR INCOME OR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES HOWSOEVER CAUSED.

Export Information

This phone may be subject to export regulation of the United Kingdom and other countries. Diversion contrary to law is prohibited. You must comply with all applicable export laws, restrictions and regulations of the United Kingdom or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export, the phone or any part of the phone in violation of any applicable restrictions, laws or regulations, or without all necessary approvals.

For Your Safety

You should observe and follow the guidelines given in this manual for the safe and efficient use of your phone. Failure to comply with these guidelines and requirements may void your warranty and may invalidate any approvals given to the phone. Please see the Important Safety section of this manual before you use the phone.

Approved Accessories Warning

Use only batteries, chargers and accessories approved by Sendo for use with this phone model. The use of any other types may invalidate any warranty applying to the phone, and may be dangerous. For availability of approved accessories, please check with your dealer or visit www.sendo.com.

When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

Network Services

A number of features included in this guide are called network services. They are services provided by wireless service providers. Before you can take advantage of any of these network services, you must subscribe to these service(s) from your home wireless service provider and obtain instructions for their use. Some of these network services may not be available when roaming on a network other than your home network.

FCC/Industry Canada Notice

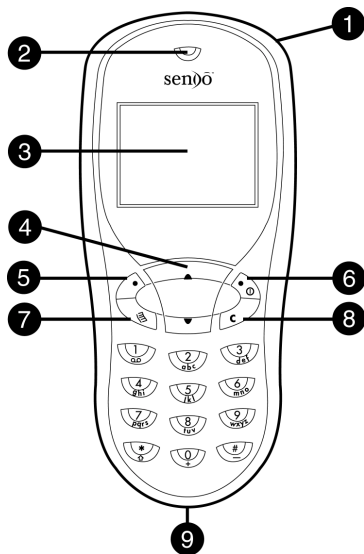
This phone may cause TV or radio interference (for example, when using the phone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using the phone if such interference cannot be eliminated.

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

2 Your phone

2

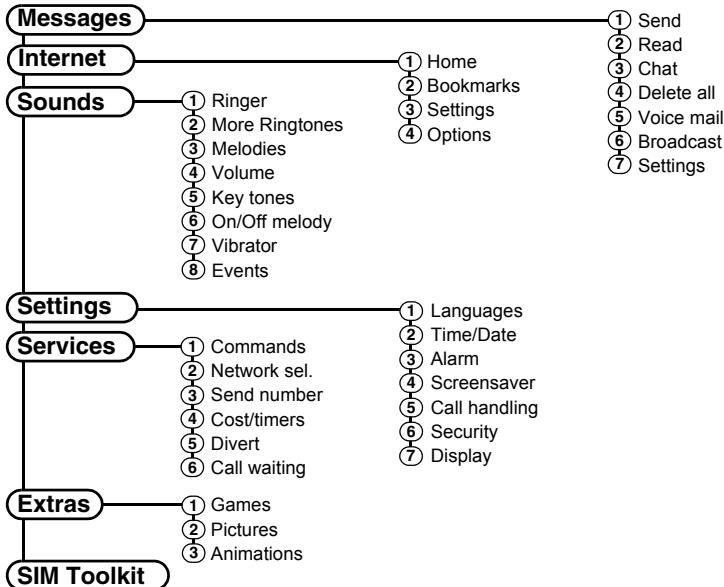
Your phone



Layout

- 1 Wrist/neck strap loop** – Used to attach a wrist strap or neck strap.
- 2 Earpiece**
- 3 Display** – Graphical indicators, menu options and other information are shown here.
- 4 Up and down keys** – Used to scroll through menus and options.
- 5 Left soft key** – This key performs the function immediately above it on the display
- 6 Right soft key (and Power key)** – A long press of this key will switch the phone on and off. A short press of this key performs the function immediately above it on the display.
- 7 Quick access key** – The function of this key will vary depending on the model of your phone. It provides quick access to a certain function such as messaging.
- 8 Clear key** – This erases text or takes you back to your previous step, depending on the context. A long press of this key takes you back to the main screen.
- 9 Charger/accessories connector** – Insert the charger connector here. This connector is also used to connect appropriate accessories such as a hands-free kit.

Menus



Available menu items and features will vary by model of phone and network operator.

Please review your phone's menu to determine the menu items and features available on your phone.

Symbol description

Main screen

	Battery level - low		New text message
	...		All incoming calls are diverted
	Battery level - high		Keypad locked
	Battery charging		New voice mail message (this icon is network dependent)
	Signal strength - weak		Silent mode active
	Signal strength - strong		Alarm clock set
	GPRS service available		
	GPRS service not available		

In calls list

	Shows that a call was incoming		Shows that a call was missed
	Shows that a call was outgoing		

In messages list

	Indicates the messages which have not yet been read		Indicates the messages which have been read
---	---	---	---

Lists

	In lists, shows the option that is currently activated
---	--

Internet

G	GPRS WAP session	C	GSM WAP session
---	------------------	---	-----------------

3 Getting started

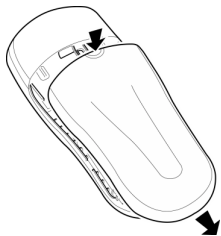
To use your phone, you must first insert the SIM card supplied by your service provider, and then charge the battery.

☞ **Note:** You cannot insert or remove the SIM unless you remove the battery. If you need to remove the battery, press down on the tab at the center of the bottom edge of the battery and lift out.

☞ **Note:** Always turn your phone off before you insert or remove the battery.

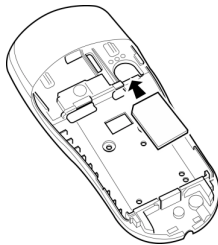
Removing the back cover

Press down on the area on the top of the back cover, slide the cover down and lift off.



Inserting the SIM card

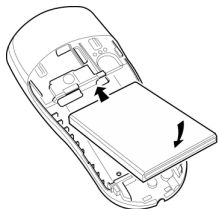
Slide the SIM into place, starting with the shorter edge first, making sure that the gold-colored contacts of the card are touching the contacts of the phone.



☞ **Warning:** Keep all SIM cards out of small children's reach. The SIM card is easily damaged by scratches or bending, so be cautious when inserting and removing the card.

Inserting the battery

Insert the battery into the phone, starting with the top edge first. Align the tabs on the edge of the battery with the tabs on the back of the phone. Make sure the gold-colored contacts of the battery are touching the contacts on the phone. Push down into place.



If you need to remove the battery, press down on the tab at the center of the bottom edge of the battery and lift out.

 **Note:** Always turn your phone off before you insert or remove the battery.

Replacing the back cover

Place the cover onto the back of the phone and slide the cover into place making sure the tab at the top of the cover clicks into place.



Charging the battery

You must charge the battery for at least 12 hours before using the phone for the first time. After this, the battery will normally take several hours to charge.

Insert the connector on the charger lead into the connector on the bottom of the phone. Plug the charger into a wall socket. When charging commences, the battery icon will change into a charger cable icon. When the battery is fully charged, the battery icon will reappear and you can disconnect the charger.

Once you connect the charger, you can switch your phone on. If the battery is completely empty, it may take a few minutes

before you can make or receive a call once you plug the phone into a charger.

 **Note:** When the battery is completely discharged it may take some time for the battery charging icon to appear after you have connected the charger.

Charging and Discharging

Please observe the following notes and precautions regarding the use of batteries and related equipment.

Note

If you remove your battery you will find the phone's label on the back portion of the phone. This label includes information about the phone, such as the model number.

Do not remove the phone's label. In the unlikely event that you ever need to make a warranty claim or seek assistance with respect to use of your phone, you may be asked for this information.

Note that a new battery's full performance is achieved only after two or three complete charge and discharge cycles. The operation times provided are reasonable estimates and may be affected by network conditions, charging and phone usage.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the operating time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

Note

Use only batteries approved by Sendo and recharge your battery only with the chargers approved by Sendo. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected after the battery indicator shows that the battery is full, or for longer than a single day, since overcharging may shorten its life. If left unused a fully charged battery will discharge itself over time.

For longer operation times, discharge the battery from time to time by leaving your phone switched on until it turns itself off and the battery is fully discharged.

Do not attempt to discharge the battery by any other means.

Use the battery only for its intended purpose.

Never use any charger or battery that is damaged or worn out.

Warning: Do not short circuit the battery. All batteries can cause property damage, injury or burns if a conductive material such as jewelry or keys comes into contact with the exposed terminals. The material may complete an electrical circuit and become quite hot. Exercise care in handling your phone battery. For example, avoid carrying your phone battery loose in a pocket or purse. This product is designed for use with Sendo-approved batteries only. Use of unapproved batteries may be dangerous and may cause damage to the battery or the phone and may void your warranty.

Note

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, may reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A phone with a battery that has been exposed to temperature extremes may temporarily not work, even when the battery is fully charged.

Dispose of the battery properly. Comply with all local laws or regulations in disposing of your battery. Do not dispose of batteries in a fire.

Powering up/down

To switch the phone on, press .

If the phone asks for a PIN code, enter the code that is supplied with the SIM card. The code will be displayed as asterisks. When complete, press , **OK**.

Wait a few seconds while the phone searches for the network. Once the network has been found, the main screen appears and your phone is ready to be used. The main screen shows the network name and two icons giving the signal strength (top right) and battery level (top left).

To switch the phone off, press and hold .

Screensaver

A screensaver is a picture that is displayed when the phone has been idle for a certain amount of time. It is possible to turn this on or off, select the delay before it becomes active and change the picture. To modify the screensaver settings, press , **Menu**, select the **Settings** menu and then select the **Screensaver** option.

 **Note:** When the screensaver is displayed, press  to return to normal display and use the phone.

Power save

To get better battery performance, your phone will automatically switch to power save mode after approximately 2 minutes of inactivity. In this mode, the screen's backlight is switched off and a clock is displayed showing the current time.

 **Note:** When the power save mode is active, press  to return to normal display and use the phone.

4 Making a call

Dialing a number

- 1 Key in the area code and number that you want to call, then press , **Call** to dial.
To delete the entire number and return to the main screen, press and hold .
- 2 To end the call, press , **End**.

Making an international call

- 1 Press and hold  until the plus sign "+" is displayed. This replaces the international access code.
- 2 Enter the country code, area code, and phone number.
- 3 Press , **Call** to dial.

Making an emergency call

- 1 Key in the emergency number for your present location (e.g. 999, 911, 112 or other official emergency number). Emergency numbers vary by location.
 - 2 Press , **Call** to dial.
-  **Warning:** The phone must be switched on, properly charged and used in a service area with adequate signal strength to make an emergency call. Emergency calls also may not be possible when certain network services or phone features are in use. Do not rely on your wireless phone as your only method of emergency communications.

Making calls from the contact list

- 1 Press  from the main screen, you can also press , **Contacts** then select the **Search** option.
- 2 Type in the first letters of the name or scroll (using  and ) and find the one that you want.
- 3 Press , **Call** to dial.

Speed dialing

This feature allows you to dial a number simply by pressing and holding the assigned key from the main screen.

Adding a speed dial number to a contact list entry:

- 1 Press , **Contacts** from the main screen and then select the **Search** option.
- 2 Type in the first letters of the name or scroll and find the one that you want.
- 3 Press and hold one of the keys  to  until the key number appears on the left of the screen, beside the name. This indicates that the speed dial is successfully assigned.

 **Note:**  is normally reserved for voicemail.

Making calls using speed dial

- 1 Press and hold the number key assigned to the contact you want to call.

Removing a speed dial number from a contact list entry:

- 1 Scroll to the name in the contact list.
- 2 Press and hold the number key already assigned to the name, until the key number is removed from the left of the screen, beside the name.

Making a call from the calls list

The phone stores a list of your recent incoming, outgoing and missed calls.

To dial a number from the calls list:

Press  to access the list from the main screen. Scroll and find the entry that you want and press  *Call* to dial.

Adjusting the volume

The earpiece volume can be adjusted during a conversation. Press  to make the speech louder and  to make it quieter.

5 Answering a call

To answer a call:

Press , *Accept* to accept a call.

Press , *Reject* to reject a call.

 **Note:** If you can't answer a call, but you don't want to reject it, press  to silence the ringtone.

Call waiting

This feature means you are informed of a second incoming call by an audible melody in the earpiece.

 **Note:** Please refer to the *Services* chapter of this guide for more information on how to activate call waiting.

Press , *Reject* to reject the second call.

Press , *Accept* to put the current call on hold and activate the second call.

To end the active call and return to the held call, press , *End*.

To switch between calls, press , *Options* and then select the *Swap* option.

 **Note:** Your network may not support call waiting or may require you to subscribe to this feature. If you do not have call waiting or are roaming on another network, accepting a second call will end the first call (or you simply may not

be able to accept another call). You will not be able to switch calls.

In-call options

When you are in a call, you can press , *Options*. These could be:

Contacts

Gives you access to the contact list.

Hold/Unhold

Puts the active call on hold/reactivates the held call.

Mute/Unmute

Switches the microphone off/on.

Send message

Allows you to send a text message.

SIM Toolkit

Gives you access to the SIM Toolkit.

Swap

Swaps between the current call and the call on hold.

End all

Ends all calls.

6 Calls list and contact list

Using the calls list

The phone stores a list of your recent incoming, outgoing and missed calls.

The list stores up to 30 entries.

An icon on the left of the screen indicates the type of call:

 Incoming call

 Missed call

 Outgoing call

Making a call from the calls list

Press  to access the list. Scroll and find the entry that you want and press , *Call* to dial.

Calls list options

When you have selected an entry in the calls list, you can open a list of options by pressing , *Options*:

Save no.

Save the number to your contact list.

Chat

Initiate a chat with this entry.

Send message

Send a text message directly to this entry.

Details

View the details for this entry.

Delete

Delete this entry.

Delete all

Delete all entries in the calls list.

Using the contact list

You can store up to 500 names and numbers in the contact list on your phone.

 **Note:** You can choose to store contacts on your SIM, but the number of contacts you can store will vary. Check with your service provider.

You can quickly access your contact list entries by pressing,  from the main screen.

Storing a name and number

To add a contact:

- 1 Press , *Contacts* from the main screen.
- 2 Use the up and down keys  and  to scroll to the *Add new* option, then press , *Select*.
- 3 Enter the area code and phone number, then press , *OK*.
- 4 Enter the name you wish to store in the contact list, then press , *OK*. Use the keypad as explained in the Messages section to enter the characters and to switch between lower case, upper case, and numeric modes.
- 5 Enter the chat name that you wish to assign to the contact.

To add a contact from the main screen:

- 1 From the main screen, enter the area code and phone number you wish to store.

- 2 Press , *Options* and select *Save*.
- 3 Enter the name you wish to store in the contact list, then press , *OK*. Use the keypad as explained in the Messages section to enter the characters and to switch between lower case, upper case, and numeric modes.
- 4 Enter the chat name that you wish to assign to the contact.

To add a speed dial number:

- 1 Press , *Contacts* from the main screen and then select the *Search* option.
- 2 Type in the first letters of the name or scroll and find the one that you want.
- 3 Press and hold one of the keys  to  until the key number appears on the left of the screen, beside the name. This indicates that the speed dial is successfully assigned.

 **Note:**  is normally reserved for voicemail.

To remove a speed dial number:

- 1 Scroll to the name in the contact list.
- 2 Press and hold the number key already assigned to the name, until the key number is removed from the left of the screen, beside the name.

Finding a contact

- 1 Press , *Contacts* from the main screen.
- 2 Select *Search* and then press *Select*.
- 3 Use the  and  keys to find the contact you want.

You can Call the contact directly from here or view the contact list options.

 **Note:** You can check your phone number by selecting *My number* from the main menu.

Copy contacts

This option in the *Contacts* menu is used to copy all the contacts that are stored on your SIM onto your phone.

 **Note:** This option is only available when the default is set to phone.

Default

This option in the *Contacts* menu is used to specify whether to use the names and numbers on your phone as your default contact list, or the names and numbers on your SIM. Remember that you can store up to 500 contacts on your phone!

Service numbers

Your service provider may have pre-programmed some useful numbers into your SIM card. These numbers normally give access to special services. For more information contact your service provider.

- 1 Press , *Contacts* to display the contact list menu, scroll using  .
- 2 Scroll to the *Service no.* option, then press , *Select*.

 **Note:** This option is only displayed if your service provider supports service numbers.

Contact list options

When you have selected a name in the contact list, you can open a list of options by pressing , *Options*:

Send message

Send a text message directly to this contact.

Chat

Initiate a chat with this contact.

Change

Change the details for this contact.

Details

View the details for this contact.

Copy to SIM/Copy to phone

Copy your contact details from your SIM to your phone or from your phone to your SIM. This menu option depends on the default contact list you have selected on the main menu.

Chat Details

View chat details for this contact.

Delete

Delete this contact.

7 Menu navigation

To enter the main menu, press , *Menu* from the main screen.

Scrolling

You can scroll through the menu using the Up and Down keys  and . When you find the menu that you are looking for, press , *Select* to go in. Press , *Back* or  to return to the previous level.

SIM Toolkit

Your service provider may offer some special services or applications. The name of the menu may change to indicate the type of service, for example "Information".

For more details, please contact your service provider.

Shortcuts

- ◆ Press  from the main screen to access the calls list. From here you can call, save, chat and send messages to any of the entries.
- ◆ Press  from the main screen to access your contacts list. From here you can call, save, chat and send messages to any of the entries.
- ◆ To lock/unlock the keypad, press , then  from the main screen. The locked symbol,  is displayed on the main screen when the phone is locked.

- ◆ To enter/exit silent mode press  then  from the main screen. The silent symbol,  is displayed on the main screen when the phone is in silent mode.

 **Note:** If the vibrate function is set to on, the phone will still vibrate whilst in silent mode.

 **Note:** If the phone is switched off whilst in silent mode, the phone will return to the previous volume setting once switched on again. This is provided as a safety feature to help ensure no calls are missed.

- ◆ To enter a pause while dialing, press and hold  until the letter *p* appears. This will insert a pause of 3 seconds.

- ◆ If the phone language is changed by mistake, press and hold  to display the language list. Scroll to the language you want (using the  and  keys) and press .

☞ **Note:** The contents of this menu may vary by network operator. Please review your phone's menu to determine the menu items and features available on your phone.

Text messages

You can send and receive text messages of up to 160 characters to any compatible phone.

If a text message you send or receive is any longer, it is automatically broken down into several small messages, which are joined together as one message when all of the small messages have been received.

☞ **Note:** When you send a long text message, if the phone receiving the messages does not support this feature, then the messages are received separately and may not be in the correct order.

Reading a text message

When you receive a text message, the envelope  icon is displayed at the top of the main screen.

- 1 Press , **Read** to display the new message directly from the main screen.

To read old messages select **Read** from the **Messages** menu.

- 2 Select the message using the  and  keys and then press **Select**.

- 3 The message is displayed including any ringtones, pictures, logos, icons, animations or sounds. Use the up and down keys  and  to scroll through the message.

☞ **Note:** Messages containing ringtones, pictures, logos, icons, animations and sounds are often referred to as EMS (Enhanced Messaging Service) messages or Smart messages. Your Sendo S331 phone can receive SMS, EMS and Smart Messaging messages. See the Compatible formats section at the end of this chapter for details of compatible formats.

- 4 Press  **Options** to access the following message options:

Delete

Removes the message.

☞ **Note:** You can delete all the messages you have read by selecting **Delete all read** from the main **Messages** menu.

Chat

Initiates a chat session.

Reply

Sends a text message to the sender.

Call

Calls the sender (or, if there is a number in quotes in the message, this number is called instead).

Save no.

Adds the sender's phone number to your contact list.

Go to

Opens the WAP browser and goes to the WAP address in the message.

- ☞ Note: This option is only displayed if a WAP address is included in the message. Also, you need to scroll to the address to highlight it before pressing

☞ *Options*.

Add to bookmark.

Adds the WAP address in the message to your WAP bookmarks, for use later.

- ☞ Note: This option is only displayed if a WAP address is included in the message. Also, you need to scroll to the address to highlight it before pressing

☞ *Options*.

Save picture

Saves a picture which appears in the incoming message to your phone. The picture is stored under *Pictures* in the *Extras* menu.

- ☞ Note: This option is only displayed if a picture is included in the message and you are allowed to save it.

Save ringtone

Saves a ringtone which has been sent with the incoming message to your phone.

- ☞ Note: This option is only displayed if a ringtone is included in the message.

Time/date

Displays the date and time of the message.

Forward

Sends the message to someone else.

Sending a text message

To send a text message:

- 1 Enter the *Messages* menu and select the *Send* option.
- 2 Select the *New* option to enter a new message or select the *Saved* option to choose from a list of messages that you can add to.
- 3 When you have entered the text, press ☞, *Send*. See the Entering text section in this chapter for details of entering text, numbers and symbols.

- ☞ Note: You can save messages you send to others in your Inbox (if you have sufficient memory remaining), but you must select *Save* before you send the message.

4 Enter the destination phone number, or press , *Contacts* and select a name from your contact list.

5 Press , *Send* to send the message.

 **Note:** If you reply to a message, you do not have to re-enter the number. This is done automatically.

Sending ringtones, pictures and more

You can send ringtones, pictures, animations, sounds, and contacts in your messages to compatible phones.

 **Note:** Messages containing ringtones, pictures, animations and sounds are often referred to as EMS (Enhanced Messaging Service) messages or Smart messages. Your Sendo S331 phone can send SMS (text only) and EMS messages. See the *Compatible formats* section at the end of this chapter for details of compatible formats.

From the message screen, select *Options*  and select the relevant option:

Add picture

Use the  and  keys to select the picture to insert into the message from the list. The picture is displayed, now press *Add*. The picture is added to your message.

Add animation

Select the animation to insert into the message from the list. Press *Add*.

Add contact

Select the contact details to insert into the message from the list. Press *Select*. Note that the contact information is added as text (name and number) to your message.

Add ringtone

Select the ringtone to insert into the message from the list. Press *Add*.

Add sounds

Select the sound to insert into the message from the list. Press *Add*.

 **Note:** You may be prevented from sending items that are copy protected.

Chat

Sendo chat allows you to send messages to another user, with a compatible GSM phone, and view both sent and received SMS messages for chat participants on a convenient Chat screen.

Starting a chat session

Enter the *Messages* menu and select *Chat*.

Enter your chat name on the My chat name screen (this screen will not appear if you have already created a chat name).

Now enter the number of the person you want to chat to, or alternatively you can press , *Contacts* to go into the contact list.

Enter his/her chat name on the Enter chat name screen (this screen will not appear if you have already created a chat name for this person).

Editing a chat name

You can edit a chat name for a contact by selecting the desired name in the contact list and pressing , *Options*. Select the *Change* option and edit the chat name.

You can edit your chat name by selecting *My number* from the *Contacts* menu. Select the *Consult* option and then press , *Options*. Select the change option and edit the chat name.

Sending a chat message

To send a chat message enter the text in the chat editor field and then press , *Send*. The sent text will then appear in the chat history field and is sent to the other chat participant as a standard SMS message.

Chat options

Press , *Options* from the Chat screen to view the following chat options:

Swap

Changes the active area between the text entry field and the chat history field.

Font size

Select between normal and small font on the Chat screen.

Exit

Exit the chat session.

Entering text, numbers and symbols

You can enter text, numbers and symbols in a number of ways. The current input mode is indicated at the bottom of the screen by one of these icons:

-  Multitap text input - lower case
-  Multitap text input - upper case
-  Numeric mode
-  T9 predictive text input (lower case)
-  T9 predictive text input (upper case)

You can switch between Multitap, numeric and predictive text modes by repeatedly pressing .

 **Note:** When you select a field that requires text or numeric entry, the phone automatically changes to the appropriate input mode.

The table below lists the characters associated with each key on the numeric keypad:

Key	List of characters available
1	1 . , @ " ? ! " : ; <
2	a b c 2 â ä å æ ç
3	d e f 3 é ê
4	g h i 4 î
5	j k l 5
6	m n o 6 ñ ò ó ø
7	p q r s 7 ß
8	t u v 8 ü ù
9	w x y z 9
0	0 (numeric mode only)
#	Space (short press)

☞ For all input modes, a long press on  displays a table showing all the symbols available. See the Entering symbols section later in this chapter for details.

Multitap standard text input

When you are in Multitap mode (sometimes called multipress mode), you enter a letter by pressing the number key on which the letter is printed. Press the key repeatedly until the required character is displayed. If you pass the character you want, keep pressing the key to scroll through all the characters again.

For example, to enter the letter "r" press  three times.

If a word you are entering contains two consecutive letters which are located on the same key, enter the first one and then wait for the cursor to reappear before entering the second.

Also, you will notice that some intelligent features are built in. For example, when entering the first word in a sentence, the text input mode changes automatically from upper case to lower case after the first letter.

Some punctuation marks (including full stops, hyphens and apostrophes) are available on . Alternatively, press and hold  to pick a symbol to insert from the character table (see the Entering symbols section below).

When you have finished entering a word, press  to enter a space and move on to the next word.

For example, to enter the name "Ross" when you are in lower case mode:

- 1 Press  to enter upper case mode,
- 2 Press  three times, to display "R", you will then return to lower case mode.
- 3 Press  three times, to display "o".
- 4 Press  four times, to display "s". Now pause slightly until the cursor reappears.
- 5 Then press  four times, to display "s".

Predictive text input

To save time when you are writing a text message, your phone has a built-in dictionary feature which uses the letters that you are typing to complete the word.

This input method allows you to simply press each key once. For example, to write the name "Ross", press , then , then , then  just once each.

The word may change as you type, but don't worry about what is on the screen until you have finished the word. Sometimes different words share the same sequence of key presses. If the finished word is wrong, press  to scroll through other possibilities. If the word that you are looking for is still not there, press  repeatedly to change the text mode to **HB** or **ab** and enter the word again.

After you have completed a word, press the space key  to move on to the next word. Press and hold  to pick a symbol to insert from the character table (see the Entering symbols section below).

Some intelligent punctuation (including full stops, hyphens and apostrophes) are also available on . The punctuation mark is completed when you enter the next keystroke.

Entering numbers

To enter a number in upper case or lower case text input mode, simply press the

number key repeatedly until the number is displayed.

To enter a number in predictive text input mode, press the number key and then scroll through the characters (by pressing ) until the number is displayed.

If you have multiple numbers to enter, it is often more convenient to use the numeric input mode. Press  repeatedly to change the mode to **12**. Now whenever you press any of the number keys, only the number is entered.

Entering symbols

For all input modes, a long press on  displays a table, similar to the one below, showing all the symbols available to you:

.	,	-	!	?	@	(	)	:
&	'	"	\	/	_	[	]	;
\$	%	+	*	=	~	<	>	#
£	¥	€	¤	·	^	«	»	§
ψ	Ω	ζ	ι	à	á	æ	ç	θ
é	è	Ä	Å	É	ò	ñ	Æ	
1	2	3	4	5	6	7	8	9

To enter a symbol:

- 1 Using the  and  keys, scroll to the row containing the symbol you want.
- 2 Press the numeric key ( to ) to select the symbol.

Calling your voice mail

When you have a new message in your voice mailbox, your phone displays either the voice mail icon  in the main screen or a text message sent from the network. This depends on your service provider.

 **Note:** Voice mail is a network service provided by your service provider. You may have to subscribe to this service. This service may not be available when roaming.

Press and hold . If the phone asks for the voice mailbox number, enter it and press , **Call**. The number can be obtained from your service provider.

Alternatively, choose **Voice mail** from the Messages menu and press , **Select**.

Broadcast

Your service provider may offer Cell Broadcast messages. This could be information on the traffic, weather, events, or local information which is broadcast by the network to all mobiles in a specific area. When you activate this feature, you may receive messages about the selected topic. Contact your service provider for more details.

 **Note:** This is a network service which may not always be available. Check with your service provider.

Message settings

This menu has the following options:

Status report

Allows you to set whether or not you want to be informed when your correspondent has received your text message.

Center number

Allows you to enter or change the service center number for text messaging.

Voice mail

Allows you to enter or change your voice mail number.

Characters

Allows you to choose whether you want to enter text in GSM (Latin characters) or Unicode (Non Latin characters) mode. Unicode characters take up more room on your phone so the length of a standard text message is restricted to half the usual number of characters.

Compatible formats

As described earlier in this chapter, you can send and receive messages with ringtones, pictures, logos, animations and sounds.

These items are sent using EMS messages (Enhanced Messaging Service). Any phone you send an item to, must support EMS messages. If SMS only is supported, only the text content will be received by the other user.

Also, your phone is able to receive SMS, EMS and Smart Messaging messages.

The table below lists the compatible formats for messages.

Item	Format
Ringtone	EMS (send and receive): i-melody (monophonic) format only. Smart Messaging (receive only): Standard Smart Messaging monophonic format only.
Picture/Logo/ Icon	EMS (send and receive): All bitmap formats (black and white, grayscale, color) supported. Smart Messaging (receive only): Logos and icons only.
Animation	EMS only (send and receive): Standard EMS animation.
Sound	EMS only (send and receive): Standard EMS sound.

 **Note:** You may be prevented from sending items that are copy protected.

9 Internet menu

To access the Internet menu, select *Internet* from the main menu. The following menu options are available:

Home

Select this to go to your homepage.

☞ **Note:** If there is no default homepage defined on your phone, use the Homepage option on the Settings menu to enter your preferred default.

Bookmarks

Select this to store the addresses of your favorite websites, so that you can access them quickly.

Settings

Select this to enter all the information you need to connect to the internet.

☞ **Note:** Your phone may already have all the settings required to use the internet. If not, you must enter the settings required before you can start browsing. See the Creating a new profile section later in this chapter.

Options

Select this to set general defaults for using the internet.

Connecting to an internet page

To begin browsing the internet:

- ◆ Select the *Home* option and press *Select*, or
- ◆ Select *Bookmarks*, choose the relevant bookmark using the  and  keys and press *Select*.

☞ **Note:** Once you press *Select*, if you press and hold , the internet connection will be cancelled.

☞ **Note:** The browser provided on your phone is a WAP browser. This means you can only access sites with WAP content. Contact your service provider for information about what WAP services are available, tariffs, and how to use the services provided.

In browser options

While you are using the internet, press *Options* to access the following menu:

Page options

This option on the menu will change depending on the website you are viewing. For example, if there is a search option on the page, this item in the menu could be search.

Back

Moves back to the last screen visited.

Forward

Moves forward to a screen you have previously visited in the session.

Reload

This reloads the page you are currently using. Any updates to the page are displayed.

Homepage

Returns you to the homepage.

Bookmarks

To view your list of bookmarks.

Enter URL

Enter a new URL to display.

Add to Bookmarks

Select this to add a new bookmark to your list.

Security menu

To set up secure connections when you are using certain internet services, you need to have certificates saved in your phone. You can download certificates from websites or receive them from your service provider. Use this menu to manage certificates.

Empty cache

Select this to delete all of the internet history on the browser.

Exit WAP

Closes the WAP session and returns to the main Internet menu.

☞ Tip: You can also press and hold  to close a WAP session.

Configuring your homepage

To specify your homepage select *Settings* from the *Internet* menu. Use the  and  keys to select the profile this home page is for. Select *Change* and press *Select*. Now select *Homepage* and press *Select*.

Now enter the URL (web address) and press , *OK*. The homepage is saved. This page is displayed every time you connect to the internet, when using this profile.

☞ Note: Some service providers do not allow users to specify their own homepage. Contact your service provider for more details.

Bookmarks

Use the *Bookmarks* menu to save up to 5 WAP addresses, providing you with quick access to your favorite sites.

Creating a bookmark from the Internet menu

Select the *Bookmarks* option from the *Internet* menu. Select one of the *Bookmark 1-5* options using the  and  keys and then press , *Select*. Enter the *Name* and web *Address* and press , *OK*.

The name now appears in your list.

Creating a bookmark in the browser

While you are using the internet, press *Options* and select *Add to Bookmarks*.

This will add the current WAP page address to your list.

Editing a bookmark

Select the *Bookmarks* option from the *Internet* menu. Select the bookmark to edit using the  and  keys and press , *Select*. Select *Change* and press , *Select*. Change the name or URL and then press , *OK*.

The bookmark is updated.

Deleting a bookmark

Select the *Bookmarks* option from the *Internet* menu. Use the  and  keys to select the bookmark to delete and press , *Select*. Select *Delete* and press , *Select*. Press *OK* to confirm.

The bookmark is deleted.

Settings

Internet settings are grouped into profiles. A profile is a collection of settings which allows you to access the internet. You can create up to 5 connection profiles on your phone.

 **Note:** You should be able to obtain all the information you need to connect to the internet from your service provider.

Different service providers may require different types of information.

Creating a new profile

Select *Settings* from the Internet main menu and press *Select*. Use the  and  keys to select one of the *Profiles 1-5* and press *Select*. Press *Change*.

Name

Use this to enter a name for the profile.

Homepage

Use this to enter the URL of your homepage.

Connection Type

Select whether to use a GSM or GPRS connection. To use GPRS, you must have a GPRS subscription. Please check with your service provider.

Connection setup

For GSM:

Select *Dial up number* to enter the dial up number to use. Select *Dial type* to specify whether you want to use an Analog or an ISDN connection. Press , *OK* to save your selection.

For GPRS:

Select *Access point* to enter the GPRS access point details.

Username

Select this to enter your username.

Password

Select this to enter a password to log on to the external data network. Enter your password and press , *OK* to save.

Gateway

Select this to set *Security* on or off, enter an *IP address*, a *Session Type*, a *Site username* and a *Site password*.

 **Note:** An IP address is made up of 4 groups of numbers (maximum of 3 numbers per group). If any of the groups only has 1 or 2 numbers then you must enter a zero, or zeros, ahead of the existing numbers to make the group up to 3. You can get your IP address from your service provider.

Timeout

Enter the number of minutes of inactivity after which your connection to the internet should be ended.

 **Note:** Some of these settings may not be required for your network. Contact your service provider for required Internet connection information.

Setting a default profile

Select a profile from the list using the  and  keys. Press *Select* and choose *Activate*, press *Select*. This profile is used every time you connect to the internet until you activate another profile.

Options

Select this option from the main Internet menu to define general internet defaults:

Trusted certificates

To set up secure connections when you are using certain internet services, you need to have certificates saved in your phone. You can download certificates from websites or receive them from your service provider.

Empty Cache

Select this to delete all of the internet history on the browser.

10 Sounds

This menu allows you to set the various sounds that the phone plays when you receive a call or a new text message, or some other event occurs.

Your phone already contains a variety of sounds and ringtones, but there is also space for extra ringtones that you receive.

 **Note:** See the Messages chapter for information on sounds for messages.

Ringer

Select this option to set the ringtone for incoming calls by choosing from a list of default and downloaded ringtones.

More ringtones

Select this option to launch the WAP browser and open an internet page containing details of ringtones for your phone.

 **Note:** This menu option is only available if supported by your service provider. Also, you may be charged for the WAP connection and/or any ringtones you receive. For more details, please contact your service provider.

Melodies

Select this option to display a list of ringtones which you have received via messages. The number of ringtones you can store depends on their size.

 **Note:** You can only select a ringtone for incoming calls from the Ringer menu.

 **Note:** Ringtones and sounds can be sent and received by your phone. See the Messages chapter for details.

 **Note:** It is only possible to save a certain number of extra ringtones which you have received as a message, depending on their size. To save new ringtones you may need to overwrite an existing ringtone in the Melodies list.

Use the  keys to choose a ringtone and press , *Options*. The following options are displayed:

Send

To send the ringtone in a text message.

Play

Plays the ringtone. Press  to stop playback.

Delete

Deletes the ringtone.

Delete all

Deletes all the ringtones in the *Melodies* list.

Memory

Displays the number of available ringtones in the *Melodies* list.

Volume

Select this option to change the volume setting for ringtones and alert sounds. Use the  and  keys to increase and decrease the volume level.

To enter/exit silent mode, you can press  then  from the main screen. The silent symbol, , is displayed on the main screen and external screen when the phone is in silent mode.

 **Note:** If the vibrate function is set to on, the phone will still vibrate whilst in silent mode.

 **Note:** If the phone is switched off whilst in silent mode, the phone will return to the previous volume setting once switched on again. This is provided as a safety feature to help ensure no calls are missed.

 **Tip:** Press the  key with the volume set to maximum, and an arrow will appear. With this setting, ringtones are played with a steadily increasing volume.

Key Tones

This menu allows you to set the type of keypad tones that you would like to hear when pressing the keys:

Off

No sound emitted on a key press.

On

Short, low volume tone.

DTMF

These are standard tones, as used in touch tone phones. Each number has its own specific tone.

On/Off melody

The phone can play a melody whenever you switch it on or off. Select this to switch this feature on or off.

Vibrator

Select this menu to set the vibrate function for incoming calls and alert sounds:

Off

Deactivates the vibrate function.

On

Sets the phone to vibrate for an incoming call or text message.

Vibrate then ring

Sets the phone to vibrate for a few seconds before the phone starts to ring.

 **Note:** This option is not available on all models. None of the vibrate settings affects any of the sounds settings.

Events

This option allows you to set the alert sounds to on or off for the following events:

- ◆ *New message*
- ◆ *New broadcast*
- ◆ *Low battery*

 Note: Alert sounds can only be applied to those services supported by your service provider. When roaming, certain services may not be supported. Contact your service provider for details

11 Extras

Games

The Games menu contains some great games for you to play.

🔑 **Note:** The actual games supplied with your phone is dependent on your service provider. Check the *Games* menu to see what games are listed.

Tenpin



Select *Tenpin* from the *Games* menu. To start a new game, select *New*.

The aim of the game is to knock as many of the pins down as possible. The game is played over 10

frames and in each frame you have two attempts to knock down all of the pins.

You can position the ball on the lane by pressing  or  to move across the lane.

To bowl the ball straight press  when the Swing bar is positioned in the center of the bowling ball.

To bowl at an angle press  when the Swing bar is to the left or right of the bowling ball.

Try to get the top score of 300 and enter your name on the Hi-score table! Type your name using the keypad and press , *OK* to

see the Hi-score table. Press *OK* again to return to the game menu.

Splat



Select *Splat* from the *Games* menu. To start a new game select *New*. You will start on level 1. When you are ready to play, press any key.

The object of the game is to stop the moles from digging up your garden. You will see a 3x3 grid of mole holes; when you see a mole peep through the hole, hit it by pressing the appropriate  to  key. For example, if a mole appears in the middle hole, press  because it is positioned in the middle of the  to  keys.

Points are awarded for each mole hit. Watch out for surrender flags, if you hit a mole that has surrendered, points will be deducted from your score. Your score and the game status are shown at the bottom of the display. The game can be paused by pressing the  key.

At the end of a level you will receive a bonus according to your accuracy. Get an accuracy score of 70% or more to progress to the next level.

The game ends when you fail to progress to the next level or you complete the final level. You may be able to enter your name on the

hi-score table. Type your name using the keypad and press , *OK* when finished.

FlippiT

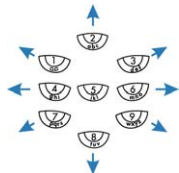


Select *FlippiT* from the *Games* menu. To start a new game, select *New*. There are 6 levels; 3x3 is the easiest.

The objective of the game is to change the white discs to black discs. You do this by selecting one of the discs by pressing the  key. This turns a white disc to black or black to white, but also turns all of the discs directly above, below, to the left and to the right, to the opposite color.

You can move the cursor from one disc to another using the keys in the grid shown below. On the right of the screen you will see the number of moves that you have made so far, and also the smallest number of moves that it is possible to complete the level in.

With each higher level the grid gets bigger and bigger, and harder!



FlippiT and Splash keys

Splash



Select *Splash* from the *Games* menu. To start a new game, select *New*.

An incomplete pipeline is displayed starting at the

top left of the screen and water is slowly flowing towards the open end.

The goal is to connect the open end of this pipe to the outlet at the bottom right of the screen before the water overflows!

To do this you are supplied with pieces of straight and bent pipe, which are shown on the right of the screen.

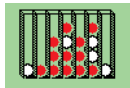
The piece at the top of these is the next piece that you must place on the board. You move the cursor using the keys on the grid shown below. The  key places the section in the position of the flashing cursor. However, be careful, once you have put down a piece you cannot move it.

The  key drops your bombs. You are provided with 3 bombs. These bombs will delete the piece where the cursor is positioned. Use them wisely.

Once you have managed to complete the pipes, you can press  to speed up the water, to finish the level.

With each level, it gets faster and faster!

Quaddro



Select *Quaddro* from the *Games* menu. To start a new game, select *New*.

The objective of the game is to drop your counters

into the slots along the top of the board, in the attempt to create a line of four, horizontally, vertically or diagonally.

When you drop a counter, it will fall all the way to the bottom or sit on top of any other counters that are in that column. So, think carefully before you play!

You move the flashing cursor left and right along the top of the screen using the  and  keys. Pressing  will drop the counter into the column.

Scizzors



Select *Scizzors* from the *Games* menu. To start a new game, select *New*.

The object of the game is to try and beat the

computer by selecting one of the three objects - stone () , paper () or scizzors (). When you do this, the computer also selects one of the three objects.

The rules are simple:

- ◆ Scizzors (2 fingers out) cuts paper, therefore scizzors wins.
- ◆ Paper (flat palm) wraps stone, therefore paper wins.
- ◆ Stone (fist) blunts scizzors, therefore stone wins.
- ◆ Two of the same, results in a draw.

Pictures and animations

You can send pictures and animations in text messages, or assign pictures to any main menu item, the main screen, the screensaver or to a contact in your contacts list.

☞ **Note:** See the Messages chapter for details of compatible formats when sending or receiving pictures and animations.

Managing your pictures

Go to the *Extras* menu followed by *Pictures*, and press , *Select*.

You can view the pictures by pressing , *View*. Use the  and  keys to view each picture in turn.

Use the   keys to choose a picture and press , *Options*. The following options are displayed:

Send

To send the picture in a text message.

Assign

Used to assign the selected picture to, for example, a menu or contact.

Unassign

Removes the association of the selected picture with an item.

Unassign all

Removes the association of all pictures to any items. Press , *OK* to confirm.

Memory

Displays the number of available pictures.

Sending a picture

From the menu described above select *Send* and press *Select*.

Now enter the phone number, or select a contact and press *Send*.

☞ **Note:** When sending a picture using this method, you cannot add any text to the message. If you want to send text and a picture, send a message using the method described in the Messages chapter.

Assigning a picture

From the menu described above select *Assign* and press *Select*.

From the menu that follows it is possible to assign a picture to any main menu item, the main screen, screensaver or a contact in your contacts list. Make your choice using the   keys and press , *Select*.

If you select the main menu option a new sub-menu will be displayed. Select the name of the menu you would like to assign the picture to using the method described above. To display pictures in the main menu, animations must be set to off.

Managing your animations

There are a number of predefined animations stored on your phone which you can add to messages.

Go to the *Extras* menu followed by *Animations*, and press , *Select*.

You can view the animations by pressing , *View*. Use the  and  keys to view each animation in turn.

Use the   keys to choose an animation and press , *Options*. The following options are displayed:

Send

To send the animation in a text message.

Memory

Displays the number of available animations.

Sending an animation

From the menu described above select *Send* and press *Select*.

Now enter the phone number, or select a contact and press *Send*.

 **Note:** When sending an animation using this method, you cannot add any text to the message. If you want to send text and an animation, send a message using the method described in the Messages chapter.

12 Settings

 **Note:** The contents of this menu may vary by network operator. Please review your phone's menu to determine the menu items and features available on your phone.

Languages

This menu allows you to change the language on the phone.

 If the phone language is changed by mistake, press and hold  to display the language list. Scroll to the language you want (using the  and  keys) and press .

Time/Date

Select this to set the time and date on your phone.

Set time

Enter the time and press , **OK**. The time will be stored.

Set date

Enter the date and press , **OK**. The date will be stored.

Time format

Use this to choose whether to display the time in AM/PM or 24hr format.

Display clock

Turn the time display on the screen on or off.

Alarm

You can use your phone as an alarm clock.

Set the alarm to **On** and enter the time when you require the phone to ring (in 24 hour format). When it rings press:

, **Off** to switch it off, or

, **Snooze** to stop the alarm for ten minutes. The alarm will then sound again.

Please observe the following notes:

Note

When activated, the alarm will sound for approximately 45 seconds before switching off (if you do not press , **Off** or , **Snooze**).

If the alarm activates during a call, the phone will beep and the display will flash to indicate that the alarm is active. As described above, press , **Off** to switch it off, or , **Snooze** to stop the alarm for ten minutes.

If the volume is set to silent mode, the alarm will activate but there will be no sound. The phone will still vibrate if the vibrate feature is on.

The alarm will sound even if the phone is switched off. The phone will power on (if battery power is available) but you will not be able to receive or make calls. If the volume was set to silent mode before the phone was switched off, the alarm will still sound as silent mode is cancelled when the phone is switched off. Once the alarm finishes, the phone will switch off automatically.

Screensaver

A screensaver is a picture that is displayed when the phone has been idle for a certain amount of time. It is possible to turn this on or off, select the delay before it becomes active and change the picture.

🔑 **Note:** When the screensaver is displayed, press  to return to normal display and use the phone.

Call handling

Select this to set defaults for the way in which you deal with incoming calls. The options are as follows:

Auto redial

When auto redial is activated, the phone will automatically redial a number when the call attempt fails. If the other user's phone is busy, the phone will wait a few seconds before each attempt, and then beep when it succeeds.

Auto answer

This function is only applicable when certain hands-free accessories (for example, a personal hands-free headset) are connected to the phone. When you receive an incoming call with this feature activated, the phone rings three times before automatically accepting the call.

Any key answer

When this function is activated, you can answer an incoming call by pressing any key, except , *Reject*.

Security

Your PIN (Personal Identity Number) code is a code that you can use to protect your phone from unwanted users. This is the number that the phone may ask for at switch on. The options are as follows (depending on what PIN activation settings you have selected):

Activate PIN

Enter your PIN at switch on (if your SIM card supports this).

Deactivate PIN

You do not have to enter your PIN at switch on.

Change PIN

Select this to change your PIN code.

Change PIN2

Some network services require a separate security code - the PIN2 code. Select this option to change your PIN2 code.

To activate, deactivate or change the PIN code, you need to enter the current PIN code. To change the PIN2 code, you need to enter the current PIN2 code. If you don't know your PIN code or PIN2 code, contact your service provider.

If you enter the wrong PIN or PIN2 code three times, the SIM card is locked and you may be asked to enter a PUK (Personal Unlock Key) code - these may be different for PIN and PIN2. The PUK codes may be listed in the information that you received with your SIM card or they may only be available from your service provider.

 **Note:** Sendo cannot provide your PUK codes. Contact your service provider for information.

Display

Select this to set defaults for the phone's display screen.

 **Note:** After approximately 2 minutes of inactivity, the screen will go blank and the clock will be displayed (to save power). Press  to return to the last screen displayed.

The options are as follows:

Backlight

You can specify default times for the backlight on the phone.

 **Note:** The backlight timer settings do not affect the backlight settings for WAP and games.

LCD contrast

Set the contrast of the color LCD screen.

Themes

Select this to choose the color scheme to be used throughout all your phone's menus.

13 Services

Commands

This menu allows you to send special commands to the network to get specific information. This could be information such as the time and date, your own phone number, or the amount of credit remaining on your SIM card.

The commands, and whether this feature is available, can be obtained from your service provider.

You can store the number of the command and a name. Once stored, scroll to the command and press , *Send* to get the required information from the network.

Network sel. (selection)

This menu allows you to choose how the phone searches for the network.

 **Note:** The ability to select alternative networks will depend on the service, or roaming, agreement of your service provider.

Mode

Automatic

Sets the search mode to automatic. The phone searches all available networks and automatically selects one.

Manual

Sets the search mode to manual. This allows you to search available networks and select one - see below for details.

Search

Searches for and then displays all available networks. If you are in manual mode (see above) then you can select a network which will become your default network. To do this, scroll through the network list (using  and ) and press , *Select* on the network that you wish to use. Once you select a network, your phone will always try to select this network. Network selection stays manual until you switch to automatic mode.

Send number

This menu allows you to select whether you hide your identity or not when you call someone. The options are as follows:

Network

This returns to the Network default setting.

On

Your telephone number is sent to your correspondent when you call.

Off

Your telephone number is not sent to your correspondent when you call.

Cost/timers

This menu contains information on the amount of time you have spent on calls and the amount of data transferred using GPRS. The options are as follows:

Outgoing

Displays the total time that you have spent on your phone on outgoing calls.

Incoming

Displays the total time that you have spent on your phone on incoming calls.

GPRS data

Displays the amount of data transferred using GPRS services.

 **Note:** The actual time/data invoiced for calls and services by your service provider may vary, depending on network features to which you subscribe, rounding off, taxes and other fees and charges.

Press  **Reset** to reset a counter to zero.

Divert

This network feature allows you to divert your incoming calls to your voice mailbox or to another number. The options are as follows:

 **Note:** Your network may not support all of these features. Any unsupported features will not be shown in the menu.

If busy

When activated, calls will be diverted if you are already in a call.

If no answer

When activated, calls will be diverted if you do not answer your phone.

Unreachable

When activated, calls will be diverted if your phone is off or if you are out of coverage.

All conditional

When activated, the calls which you have specified here are diverted. Select voice, fax, data or all calls.

All calls

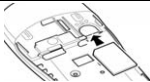
When activated, all of your incoming calls will be diverted.

For each of the above, you can check, activate or cancel the service.

Call waiting

This menu allows you to activate or deactivate the call waiting feature. For more information on Call waiting, please see the Answering a call section of this guide.

14 Troubleshooting

Problem	Possible cause	Possible corrective action
Phone does not power on/does not charge	Delay in phone powering on	No action required. Your S331 phone may take a few seconds to power up, this is normal.
	Battery empty	Fully charge the battery and then press  . Don't worry if the battery icon does not change immediately, but do check if the charging icon has appeared after half an hour.
	Battery contacts dirty	Clean contacts on battery and phone with a dry cloth, attach battery, wait a few seconds and press  .
	Charger incorrectly connected	Check the main socket, and the connection to the phone.
Battery	How long should I charge the battery the first time?	12 hours continuous.
I don't get as much battery life as I expected	The phone uses battery power when it is switched on even if it is not in a call. Making calls and playing with the different functions of the phone will run down the battery faster. The stated battery life is under optimum conditions.	Charge the phone regularly.
"Insert SIM" is displayed when I switch on the phone	SIM card is incorrectly inserted or missing.	 Check that the SIM card is positioned correctly. Try again.
	SIM card is damaged or dirty	Visually check the SIM and clean the contacts with a dry cloth. Try again.
The PIN code is blocked	You have entered the PIN code incorrectly 3 times	Enter the PUK (Personal Unlock Key) code supplied with the SIM card. If you do not have this code, contact your service provider.
The PIN2 code is blocked	You have entered the PIN2 code incorrectly 3 times	Enter the PIN2 PUK (Personal Unlock Key) code supplied with the SIM card. If you do not have this code, contact your service provider.

Problem	Possible cause	Possible corrective action
"NCK Code" is displayed on my handset	The handset is locked to a network and a SIM from another network has been placed in the phone	Remove the SIM and insert the correct network SIM. Sendo cannot supply your NCK code. Warning: If you enter the wrong NCK code you could block the phone.
"Blocked" is displayed on my handset	The NCK code has been entered incorrectly 10 times and the handset has been security disabled	Contact your service provider for advice. Note: The number of incorrect entries depends on your service provider.
A key on the keypad is not working	Key lock on Screensaver or power save mode is active	The keypad may be locked. Check the screen for the  symbol. Press  and  in quick succession to unlock the keypad. Press  to return to normal display.
Poor display	Low temperature Backlight is off	Move to a warmer place and let the phone warm up. Press a key to turn the backlight on. If the screensaver is on, you will need to press  .
Can't connect to network	Weak signal Invalid SIM card Network not allowed Not in your home country Not in a country supporting the phone's frequency range Network selection is set to manual mode.	You may be in an area of poor coverage. Move to an area with a better signal. Contact your service provider. Try reselecting the network. Switch off and then back on. Roaming may not be supported. Contact your service provider for details. Contact your service provider for details.
Can't make/receive calls	Weak signal Phone is switched off Battery is low Check the number	Check that the service provider name is displayed on the screen. If not, try to reconnect to the network or move to an area with a better signal. Press  for a few seconds. Phone can power down if the battery is very low. Charge the battery. Use the full area code and country code in the number.

Problem	Possible cause	Possible corrective action
	Call key not pressed Network is busy	After dialing the number you must press  , Call . If you hear rapid beeps, then the network is busy. Hang up and try again.
	Call barring or fixed dialing is activated Not registered with service provider No credit left on your prepaid card	Check the fixed dialing settings. Otherwise check the call barring settings with your service provider. After purchasing your phone, you may need to call your service provider to activate the line. Recharge your credit.
Low earpiece volume	Low setting	Press  when you are in a call to increase the volume.
Low ringer melody	Low setting	Go into the Sounds menu, select Volume and increase the setting.
Cannot enter some words	Wrong entry mode	Your phone has T9 text input (i.e. it predicts what words you are trying to enter). To enter a special word press  repeatedly to change to normal Multitap mode (AB or AB).
"Message list full" is displayed in the main screen	Your SIM card memory is full of text messages, therefore you cannot receive any more messages.	Go into the Read menu of the message menu and delete some of your messages.
Some features do not work	Feature not supported by the operator or your subscription.	Call your service provider.
Some menus are missing	There are restrictions on your SIM card or subscription.	Call your service provider.
I can only enter names of up to 7 characters in my contact list	Your phone is in Unicode mode.	Change the Characters Message Setting to GSM mode. See the Message Settings section for more information.
List full is displayed on my Contacts screen	Contacts list full	This will not cause problems using your phone, but if you want to add more contacts you must delete some existing contacts.
I'm having problems using GPRS on my phone	Your SIM card is not GPRS enabled	You need a GPRS enabled SIM card in order to use GPRS services. Contact your service provider for information.

Problem	Possible cause	Possible corrective action
	No GPRS coverage	You may be in an area of poor GPRS coverage. Move to an area with a better signal.
A "Wap Error" message is displayed on the screen	Weak signal	You may be in an area of poor network coverage. Move to an area with a better signal.
	Incorrect Internet settings	See the Settings section in the Internet chapter for details. You may need to contact your service provider for details of the settings required.

 **Note:** For all further questions, support and service issues, please go to www.sendo.com/support

15 Safety Information

IMPORTANT SAFETY INFORMATION

You should observe and follow these guidelines for the safe and efficient use of your phone. Failure to comply with these guidelines and requirements may void your warranty and may invalidate any approvals given to your phone.

Drive Safely

Do not use a hand-held telephone while driving. Give your full attention to driving. If using a hand-held phone, pull over safely and park the vehicle in a safe location first. Always place the phone in its holder; do not place the phone on the passenger seat, near an airbag or where it can break loose in a collision or sudden stop.

Always obey local laws and regulations regarding the use of a cellular phone in the areas where you drive. In some areas, it is illegal to use a cellular telephone while driving, and hands-free operation is required in many other areas. Do not hold your phone in your hand while driving.

Do not use a headset (such as a headset that covers both ears) that interferes with your ability to hear emergency vehicle sirens or the warning horns of other vehicles. Driving safely always comes first!

Operation

Remember to follow any special regulations in force in any area and always turn off your phone whenever you are instructed not to use it, or when its use may be illegal or cause interference or danger. Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Read the user's manual of any accessory or device and its operation and safety instructions before

using it with your phone. Do not connect incompatible products.

Do not use your phone if the antenna is damaged. Replace the antenna only with one approved by the manufacturer. Unapproved antennas or modifications may damage your phone, degrade its performance and violate local regulations. This phone is equipped with an internal antenna on the bottom area of the phone. Do not touch or cover the antenna area unnecessarily while a call is in progress as it may interfere with reception. Contact with the antenna affects call quality and may cause your phone to transmit at a higher power level than otherwise needed. Hold your phone as you would any other phone.

The charger is compatible only with power sources indicated on its label. Do not connect the charger to a power source of a different voltage, frequency or pin type. Do not use the charger outdoors or in areas where it may become wet. Unplug the charger from the wall socket using the body of the charger, not the cord. Locate the cord so that it will not be tripped over, stepped on or damaged. Do not use the charger if it is damaged. Unplug the charger from the wall socket before cleaning it. Use a slightly damp cloth for cleaning, and allow the charger to dry fully before plugging it in.

Only use accessories approved by Sendo. Using unapproved accessories with your phone may result in degraded performance, fire, electric shock or injury, and may void the warranty. Please check with your dealer for the availability of approved accessories. Your phone is intended for use only with chargers approved by the manufacturer. Any other use will invalidate any approval given to your phone and may be dangerous.

Children

Your phone is not a toy. Do not allow small children to play with it. They could hurt themselves or others. Children could also damage the phone or make calls that increase your telephone bill.

Pacemakers

Sendo recommends that a minimum separation of 6 inches (or 20 cm) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research. Persons with pacemakers:

- ◆ Should always keep the phone more than 6 inches (or 20 cm) from their pacemaker when the phone is powered on;
- ◆ Should not carry the phone in a breast pocket;
- ◆ Should use the ear furthest away from the pacemaker to minimize the potential for interference.
- ◆ If you have any reason to suspect that interference is taking place, turn off your phone immediately.

Hearing Aids

Some wireless phones may interfere with some hearing aids. In the event of such interference, you should consult your service provider.

Medical Equipment

Operation of wireless phones may interfere with inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if it is adequately shielded from external RF energy. Turn off your phone in hospitals

and other health care facilities when any regulations posted in these areas instruct you to do so, as equipment that could be sensitive to external RF energy may be in operation.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems). Check with the supplier or its representative regarding your vehicle. You should also consult the supplier of any equipment that has been added to your vehicle.

Do not place your phone or any accessories in the area over an airbag or in the airbag's deployment area. An airbag inflates with great force, and serious injury could occur.

Using your phone in a vehicle demands special considerations. The fitting of any accessories to a vehicle should only be undertaken by a suitably qualified person to ensure that vehicle systems are not adversely affected, and that the accessory gives optimum performance.

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

Turn off your phone before boarding a non-commercial aircraft or when instructed to do so on a commercial airline. The use of wireless

telephones in an aircraft may interfere with the operation of the aircraft and may be illegal.

Posted Areas

Turn off your phone in any area where posted notices so require.

Potentially Explosive Atmospheres

Turn off your phone and do not remove its battery when in any area with a potentially explosive atmosphere, and obey all signs and instructions. It is rare, but your phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in property damage, bodily injury or even death. Areas with potentially explosive atmospheres are often, but not always, clearly marked. They include: Fuelling areas, such as petrol stations, below deck on boats, and fuel or chemical transfer and storage facilities. Follow these guidelines also when you enter areas where fuel odors are present, such as when a gas leak occurs in a home; areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Turn off your phone when at gas or petrol stations (service stations). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Blasting Areas

To avoid interfering with blasting operations, turn your phone off when in a "blasting area" or in areas posted "turn off two-way radio". Obey all signs and instructions.

Emergency Calls

IMPORTANT!

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions that cannot guarantee connection in all conditions. Do not rely solely upon your wireless phone for emergency communications (e.g. medical emergencies).

Remember, to make or receive any calls, the phone must be powered on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

- 1 If the phone is not on, turn it on.

 **Note:** Some networks may require that a valid SIM card be properly inserted in the phone.

- 2 Press and hold the Clear key  for several seconds to ready the phone for calls.
- 3 Key in the emergency number for your present location (e.g. 911, 112 or other official emergency number). Emergency numbers vary by location.
- 4 Press the Call  key.

If certain features are in use (Key guard, Locking, Call Restricting, etc.), you may first need to turn those features off before you can make an emergency call.

When making an emergency call, follow all instructions of the emergency operation and do not hang up until requested to do so.

Servicing

Do not attempt to disassemble or repair your phone, as you may damage the phone or injure yourself and will void your warranty. Only qualified personnel at an authorized service center should perform repairs. Your phone does not contain any consumer serviceable parts. Make back up copies of all data and delete security sensitive data before sending your phone in for repair.

Back Up Data

To avoid loss of important information, remember to make back up copies of all data regularly.

Disposal

Your battery and other components may require precautions to be taken for safe disposal. The battery type is indicated on the battery label. Please follow all local and/or governmental laws and regulations when disposing of your phone or battery.

Care and Maintenance

Follow these care and maintenance instructions to improve the performance and life of your phone. Failure to follow the suggestions may invalidate your phone's warranty:

- ◆ Avoid exposing your phone to any severe shocks, extreme (hot or cold) temperatures or moisture.
- ◆ Keep your phone away from open flames such as lit candles or cigarettes.
- ◆ Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.
- ◆ If the phone, battery, or any accessory is not working properly, take it to your nearest qualified service facility. Back up all data before taking your phone to a service center as maintenance or recovery of data is not guaranteed. If you have any sensitive information, please back it up and then delete it from your phone before taking your phone to the service center.
- ◆ Keep it and all its parts and accessories out of small children's reach.
- ◆ Keep it dry.
- ◆ Do not use or store it in dusty or dirty areas.
- ◆ Do not attempt to take the phone apart.
- ◆ Do not drop, throw or shake it.
- ◆ Do not use soaps, chemicals, cleaning solvents, or strong detergents to clean it. Use a moist cloth to wipe it.

16 Regulatory Compliance and SAR Statements

The U.S. Food and Drug Administration's Center for Devices and Radiological Health, Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radiofrequency energy (i.e. radiofrequency radiation) in the microwave range while being used. They also emit very low levels of radiofrequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short

distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are ongoing. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-

causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

- 1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years. When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer-causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results¹.
- 2 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds

of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary².

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- 1 Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared³.

- 2 In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used. Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant⁴.

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the

population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists. Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- ◆ support needed research into possible biological effects of RF of the type emitted by mobile phones;
- ◆ Design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- ◆ cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health.

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone

safety to ensure a coordinated effort at the federal level. These agencies are:

- ◆ National Institute for Occupational Safety and Health
- ◆ Environmental Protection Agency
- ◆ Federal Communications Commission
- ◆ Occupational Health and Safety Administration
- ◆ National Telecommunications and Information Administration

The National Institute of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to

- ◆ a mobile phone in which the antenna is located outside the vehicle,
- ◆ a hand-held phone with a built in antenna connected to a different antenna mounted on the outside of the car or built into a separate package

or

- ◆ a headset with a remote antenna to a mobile phone carried at the waist.

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radiofrequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following websites:

Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): <http://www.fcc.gov/oet/rfsafety>

World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>

United Kingdom, National Radiological Protection Board: <http://www.nrp.org.uk>

Cellular Telecommunications Industry Association (CTIA): <http://www.wow-com.com>

U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/>

1 Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.

2 Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.

3 Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz

simulated mobile phone signal on cognitive function in man. *Int. J. Radiat. Biol.*, April 8, 1999. 4 Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

Sendo SAR Statement

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government and by Health Canada for Canada. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by Health Canada is 1.6W/kg.* Tests for SAR are conducted using standard operating positions accepted by the FCC and Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power

required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public in the US and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC and Industry Canada for each model. The highest SAR value for this model phone as reported to the FCC and Industry Canada when tested for use at the ear is 0.462 W/kg, and when worn on the body, as described in this user guide, is 0.736 W/kg.

**(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC and Industry Canada have granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on P6PSND331. For body-worn operation, to maintain compliance with FCC and Health Canada RF exposure guidelines, use only Sendo-approved accessories. When carrying the phone while it is on, place the phone in the carry case that has been tested for compliance.

Use of non-Sendo-approved accessories may violate FCC RF exposure guidelines and should be avoided.

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

** The value stated is for the samples tested, and applies to the GSM 850 MHz and 1900 MHz bands. Your phone may contain other bands that allow it to operate in other regions and complies with specific absorption rate (SAR) limits, applicable in those regions.

Regulatory compliance

Your phone has been designed to comply with applicable standards when used correctly in accordance with the user instructions. Sendo GSM 850/1900 phones and accessories have been tested and certified for compliance with the following FCC and international standards, as applicable:

FCC (USA) Standards

FCC Part 24 (47CFR): 2001 - Sections: 24.232; 24.235; 24.238

FCC Part 22 (47CFR): 2001 - Sections: 22.355; 22.913; 22.197

FCC Part 15 (47CFR): 2001 Class B - Sections: 15.107; 15.109

FCC Part 2 (47CFR): 2001 - Sections: 2.1046; 2.1049; 2.1051; 2.1055

International Standards

IEC/UL60950 (Electrical Safety)

CSA C22.2 No 60950-00:2000, 3rd Edition (Canada electrical safety)

3GPP TS 51.010-1 - V5.0.0 September 2002 Release 5

3GPP TS 51.010-1 - V5.0.0 September 2002 Release 5

International SAR (Human Exposure) Standards

IEEE Std. C95.1 / C95.3 (USA)

OET Bulletin 65 Supplement C: (2001-01)

END USER SOFTWARE LICENSE AGREEMENT

This Software License Agreement ("Agreement") is between You and Sendo International Ltd and/or one of its affiliates ("Licensor"). The Agreement authorizes you to use the Software specified in Clause 1 below, which may be included on your phone, stored on a CD-ROM, sent to you by electronic mail, downloaded from Licensor's Web pages or servers or from other sources under the terms and conditions set forth below. This is an agreement on end user rights and not an agreement for sale. Licensor continues to own the copy of the Software and any other copy that you are authorized to make pursuant to this Agreement.

Read this Agreement carefully before installing, downloading or using the Software. Further, by installing, downloading and/or using the Software, you agree to the terms and conditions of this Agreement.

1. SOFTWARE.

As used in this Agreement, the term "Software" means, collectively: (i) all the software in your phone, all of the contents of the disk(s), CD-ROM(s), electronic mail and its file attachments, or other media with which this Agreement is provided; (ii) related Licensor or third party software; (iii) digital images, stock photographs, clip art or other artistic works ("Stock Files") (iv) related explanatory written materials ("Documentation"); (v) fonts (vi) upgrades, modified versions, updates, additions and copies of the Software, if any, licensed to you by Licensor (collectively "Updates") and (vii) any other possible documentation related thereto.

2. END USER RIGHTS AND USE.

Licensor grants to you a non-exclusive, non-transferable end user right to install the Software or use the Software installed on the phones. The Software is licensed with the phone as a single

integrated product and may be used with the phone only as set forth in these licensing terms.

3. LIMITATIONS ON END USER RIGHTS.

(a) You may not copy, distribute, or make derivative works of the Software.

(b) You may not use, modify, translate, reproduce or transfer the right to use the Software or copy the Software except as expressly provided in this Agreement.

(c) You may not resell, sublicense, rent, lease or lend the Software; except you may permanently transfer all of your rights as set forth in the Agreement only as part of a permanent sale or transfer of the phone, provided the recipient agrees to the terms of this Agreement.

(d) You may not reverse engineer, reverse compile, disassemble or otherwise attempt to discover the source code of the Software (except to the extent that this restriction is expressly prohibited by law) or create derivative works based on the Software.

(e) You shall not display, modify, reproduce and distribute any of the Stock Files included with the Software.

(f) You agree that you shall only use the Software in a manner that complies with all applicable laws in the jurisdiction in which you use the Software, including, but not limited to, applicable restrictions concerning copyright and other intellectual property rights.

4. COPYRIGHT.

Licensor and/or its software suppliers own the Software and all rights, without limitation including proprietary rights therein, and their respective affiliates and are protected by international treaty provisions and other applicable national laws of the country in which it is being used. The structure, organization and code of the Software are the valuable trade secrets and confidential information.

5. MULTIPLE COPIES / UPDATES.

If the Software supports multiple platforms or languages, if you receive the Software on multiple media, or if you otherwise receive multiple copies of the Software, the number of phones on which all versions of the Software are installed shall be one phone. If the Software is an Update to a previous version of the Software, you must possess a valid end user right to such previous version in order to use the Update and you may use the previous version for ninety (90) days after you receive the Update in order to assist you in the transition to the Update. After such time you no longer have a right to use the previous version, except for the sole purpose of enabling you to install the Update.

6. COMMENCEMENT & TERMINATION.

This Agreement is effective from the first date you use or install the Software. Your end user rights automatically and immediately terminate without notice from Licensor if you fail to comply with any provision of this Agreement. In such event, you must immediately delete, destroy or return at your own cost and expense, and without entitlement to any refund of the purchase price, the phone and the Software, and all related material to Licensor.

7. EXCEPT AS EXPRESSLY PROVIDED IN THE LIMITED WARRANTY FOR THE PHONE, YOU ACKNOWLEDGE THE SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EXPRESS OR IMPLIED. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW NEITHER LICENSOR, LICENSOR'S SOFTWARE SUPPLIERS OR THEIR RESPECTIVE AFFILIATES, NOR THE COPYRIGHT HOLDERS MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR THAT THE SOFTWARE WILL NOT INFRINGE ANY THIRD

PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. THERE IS NO WARRANTY BY LICENSOR OR BY ANY OTHER PARTY THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE WILL MEET YOUR REQUIREMENTS OR THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE.

8. NOT FAULT TOLERANT

THE SOFTWARE MAY CONTAIN TECHNOLOGY THAT IS NOT FAULT TOLERANT AND IS NOT DESIGNED, MANUFACTURED, OR INTENDED FOR USE IN ENVIRONMENTS OR APPLICATIONS IN WHICH THE FAILURE OF THE LICENSED SOFTWARE COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE OR FINANCIAL LOSS.

9. LIMITATION OF LIABILITY.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL LICENSOR OR LICENSOR'S SOFTWARE SUPPLIERS OR THEIR RESPECTIVE AFFILIATES AND EMPLOYEES BE LIABLE FOR ANY LOSS PROFITS, REVENUE, SALES, DATA OR COSTS OF PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES, PROPERTY DAMAGE, PERSONAL INJURY, INTERRUPTION OF BUSINESS, LOSS OF BUSINESS INFORMATION OR FOR ANY SPECIAL, DIRECT, INDIRECT, INCIDENTAL, ECONOMIC, COVER, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED AND WHETHER ARISING UNDER CONTRACT, TORT, NEGLIGENCE, OR OTHER THEORY OF LIABILITY ARISING OUT OF THE USE OF OR INABILITY TO USE THE SOFTWARE, EVEN IF LICENSOR OR ITS SOFTWARE SUPPLIERS ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME COUNTRIES/ STATES/JURISDICTIONS DO NOT ALLOW THE

EXCLUSION OR LIMITATION OF LIABILITY, BUT MAY ALLOW LIABILITY TO BE LIMITED, IN SUCH CASES, THE LIABILITY OF LICENSOR, ITS SOFTWARE SUPPLIERS AND THEIR RESPECTIVE AFFILIATES AND EMPLOYEES SHALL BE LIMITED TO, AT LICENSOR'S OPTION, EITHER (A) RETURN OF THE PRICE PAID LESS A REASONABLE AMOUNT FOR USAGE, OR (B) REPAIR OR REPLACEMENT OF THE SOFTWARE THAT DOES NOT MEET THE LIMITED WARRANTY PROVIDED WITH THE PHONE AND WHICH IS RETURNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LIMITED WARRANTY. Nothing contained in this Agreement shall prejudice the statutory rights of any party dealing as a consumer. Nothing contained in this Agreement limits Licensor's liability to You in the event of death or personal injury resulting from Licensor's negligence if law prohibits such a limitation. Licensor is acting on behalf of its software suppliers and their respective employees and affiliates for the purpose of disclaiming, excluding and/or restricting obligations, warranties and liability as provided in this clause 9, but in no other respects and for no other purpose.

10. TECHNICAL SUPPORT.

Licensor has no obligation to furnish You with technical support except as agreed in writing between You and Licensor in the Limited Warranty provided with the phone.

11. EXPORT CONTROL.

The Software may be subject to export regulation of the United Kingdom and other countries. You agree that You shall comply with all applicable export laws, restrictions and regulations of the United Kingdom or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export, any Software, product or technical data received under this Agreement or any Software or

product produced by use of such technical data, including processes and services, in violation of any applicable restrictions, laws or regulations, or without all necessary approvals.

12. APPLICABLE LAW & GENERAL PROVISIONS.

This Agreement shall be governed by and construed in accordance with the internal laws of the United Kingdom without regard to its conflicts of laws rules.

This is the entire agreement between Licensor and you relating to the Software and it supersedes any prior representations, discussions, undertakings, end user agreements, communications or advertising relating to the Software.

18 Warranty Statement

Sendo America, Inc. ("SENDO") warrants, subject to the exclusions and limitations set forth below, that this cellular phone ("Product") is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:

1. The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product or FIFTEEN (15) months from the date of its manufacture as determined by the date code in the Product.
2. The limited warranty extends to the original purchaser of the Product ("Consumer") and is not assignable or transferable to any subsequent purchaser or user.
3. The limited warranty extends only to Consumers who purchase the Product in the market for its intended sale.
4. During the limited warranty period, SENDO will repair, or replace, at SENDO's sole option, any defective parts, or any parts that will not properly operate for their intended use with new or refurbished replacement items if such repair or replacement is needed because of malfunction or failure of the Product during normal usage. No charge will be made to the Consumer for any such parts. SENDO will also pay for the labor charges incurred by SENDO in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. This limited warranty does not apply to any damage or failure to operate caused by use of the product other than in accordance with the instructions contained in the User Manual, or for periodic maintenance or repair due to normal wear and tear. SENDO's limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. SENDO shall not be liable for any other losses or damages. These remedies are the Consumer's exclusive remedies for breach of warranty.
5. Upon request from SENDO, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.
6. The Consumer shall bear the cost of taking or shipping the Product to the place of purchase or the Customer Service Department of SENDO. If the Product was taken to the place of purchase, the Consumer shall bear the cost of retrieving the Product. If shipped to SENDO, SENDO shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty and provided that repairs were required to be performed under this limited warranty.
7. The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:
 - a) The Product has been subject to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of SENDO, including damage caused by shipping.
 - b) Physical damage to the surface of the Product, including scratches or cracks in or to the outside casing or LCD, or damages caused by dropping the Product.

- c) The Product has been damaged from external causes such as liquid, water, collision with an object, or from fire, flooding, sand, dirt, windstorm, lightening, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, damage caused by computer or internet viruses, bugs, worms, Trojan Horses, cancelbots or damage caused by the connection to other products not recommended for interconnection by SENDO.
 - d) The Product has been altered or repaired by anyone other than an approved SENDO service center or if it has been used with unapproved accessories or other ancillary items.
 - e) For adaptations or adjustments made to the Product to comply with local standards in any country other than one for which the Product was designed and manufactured.
 - f) Loss or integrity of any user data stored in the Product or any storage device used in conjunction with the Product at any time.
 - g) The Customer Service Department at SENDO was not advised by the Consumer in writing of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.
 - h) The Product serial number plate or the accessory data code has been removed, defaced or altered.
 - i) The defect or failure to operate was caused by defective function of the cellular system or by inadequate signal reception.
8. If a problem develops during the limited warranty period, the Consumer shall take the following step-by-step procedure:
- a) The Consumer shall return the Product to the place of purchase for repair or replacement processing. Back up all data before returning the Product for repair. If the Consumer has sensitive information stored on the Product, the Consumer must copy it to another device and delete it from the Product before repair.
 - b) If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer may contact the Customer Service Department at SENDO, at the phone number listed on the bottom of the next page, for further instructions.
 - c) The Consumer shall ship the Product prepaid and insured. Expenses related to removing the Product from an installation are not covered under this limited warranty.
 - d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.
 - e) SENDO will repair or authorize the repair of the Product under the limited warranty within 30 days after receipt of the Product by SENDO or an SENDO authorized service center. If SENDO cannot perform repair covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, SENDO at its sole option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage.

f) If the Product is returned to the Customer Service Department at SENDO during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned to the Customer Service Department at SENDO after the expiration of the limited warranty period, SENDO's normal service policies shall apply and the Consumer will be responsible for all shipping charges.

9. The Product consists of newly assembled equipment that may contain used components that have been reprocessed to allow machine compliance with Product performance and reliability specifications.

10. ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. SENDO DOES NOT WARRANT UNINTERRUPTED OR ERROR FREE INTERNET OR DATA CONNECTIONS. SENDO SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, LOSS OF DATA, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF SENDO KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. SENDO SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED OR LOSS OF DATA.

11. Some jurisdictions do not allow limitation of how long an implied warranty lasts, so the above one year warranty limitation may not apply to you (the Consumer). Some jurisdictions do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights that vary from jurisdiction to jurisdiction.

12. SENDO neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.

13. This is the entire warranty between SENDO and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, and all communications relating to the Product, and no representation, promise or condition not contained herein shall modify these terms.

14. This limited warranty allocates the risk of failure of the Product between the Consumer and SENDO. The allocation is recognized by the Consumer and is reflected in the purchase price of the Product.

15. Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following delivery of the Product.

16. Questions concerning this limited warranty may be directed to: www.sendo.com/warranty.

17. The limited warranty period for SENDO accessories are specifically defined within their own warranty cards and packaging.

Note: Register your warranty at www.sendo.com/warranty/index.aspx as soon as you purchase your phone. This information is stored for support purposes. Contact information for the world-wide network of Sendo authorized service centers is available at www.sendo.com/warranty or for your local representative see the notice included in the box.