

DBTEL

F12C **USER MANUAL**

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Warning: Use only approved accessories and battery. Do not connect to any incompatible products; otherwise, it will invalidate the warranty applying to your mobile phone.

The font type of the legend, graphics or icons in the user manual may differ from that shown on the handset.

Safety Information

For your safety, please read the guidelines below carefully before you use your phone:

Exposure to Radio Frequency Signals

Max. SAR Measurement (1g) PCS1900

Head: 0.62 W/kg

Body : 0.34 W/kg

Your wireless handheld portable telephone is a low power transmitter and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrikingenieure (VDE) DIN- 0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95.1- 1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers and physicians from universities, government health agencies and industry reviewed the available body of research to develop the updated ANSI Standard.

The design of your phone complies with these standards when used normally.

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

Notice

To reduce exposure to electromagnetic radiation, use it with properly.

SAR Radiation Limit: 1.6 W/Kg

Tested SAR Rating: 0.62 W/Kg

Safety Information

DBTEL handset is the first Specific Absorption Rate (SAR) compliance in Taiwan.

Compliance with International standard

SAR Radiation Limit: 1.6 W/Kg

Tested SAR Rating: 0.62 W/Kg

Product Safety

Product safety is always the first priority of DBTEL Incorporated. With the SAR Safety Certificate, the persistence we insist on has been proved that to be right, again. Customer's safety is of paramount importance to us, there is no exception.

FCC requirements

A declaration of conformity to the essential requirements.

Identification of the [United States of America](#) in which the equipment is intended to be used.

Identification of the public telecommunication network to which the equipment is intended to be connected.

"Hereby, we <DBTEL Inc.>, declares that this [F12C](#) is in compliance with the essential requirements and other relevant provisions of "[FCC Part 2\(Section 2 1093\) & FCC OET Bulletin 65](#)".

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SAR (FCC)

This Model phone meets the [FCC](#) Requirements for exposure to radio waves.

Your Mobile Phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by the United of States. These limits are part of comprehensive guidelines and established permitted levels of RF energy for the general public. The guidelines were developed by independent scientific organizations through the evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standards for mobile phones employ a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by [FCC](#) is [1.6 W/kg](#). * Tests for SAR have been conducted using normal operating conditions with the phone transmitting at the highest certified power in all tested frequency bands. 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 the station antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with [FCC](#) must be shown. One of the essential requirements of this directive is the protection of the health and safety for the user and any other person. The highest SAR value for this model phone when tested for compliance against the standard is [0.62 W/kg](#). While there may be differences between the SAR levels of various phones and at various positions, they all meet the FCC requirement for RF exposure.

The SAR limit for mobile phones for public use is 1.6 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

For Your Safety

For Your Safety



Road safety

Keep proper control of your car at all times. Do not use handheld phones while driving.



Special regulations

Switch off your mobile wherever use is restricted, such as in hospitals, as it may cause interference with medical equipment.



Electronic devices

Mobile phones may interfere with appliances such as computers, televisions and other radio equipment.



Other medical devices

Mobile phones may interfere with signals of other medical devices, such as pacemakers or hearing aids. Consult your doctor for advice before using the mobile.



Aircraft

The use of mobile phone is prohibited in the air. Switch off your phone before boarding an aircraft.



Accessories and battery

Use only approved accessories and batteries. Do not connect to any incompatible product. This will void any warranty applying to your mobile phone and may be dangerous.



Disposal

Mobile phone and other accessories must be disposed of properly. They must not be thrown away as general waste! Please dispose of used mobile phones and other accessories in accordance with local regulations.




Potentially explosive atmospheres

Switch off your phone when in or near explosive atmospheres such as petrol stations and chemical plants.





Emergency calls

Ensure your phone is switched ON and in a location with adequate reception.

When in idle mode, key in the emergency number 112 or 000 and press  to be connected to the emergency services.

Provide all the necessary information as accurately as possible. Do not hang up until you are told to do so.

Even when the keylock is activated, emergency calls can still be made.

If a PIN is set when switching on the mobile phone, you will be asked for the PIN code. You can make an emergency call without entering the PIN code. Press  (SOS) followed by  (Yes) to make an emergency call.

Your 2901

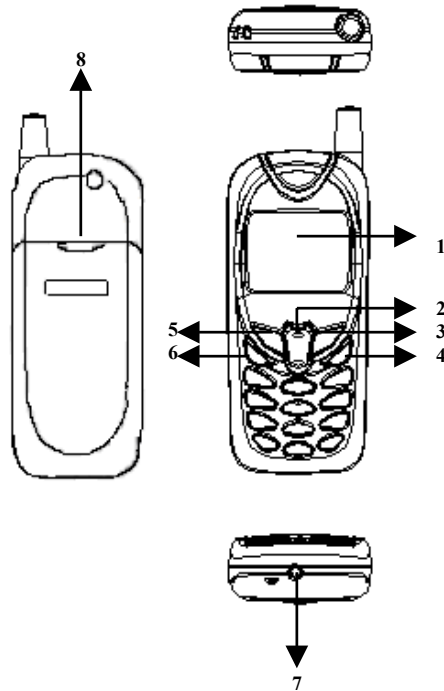
Your 2901

Function Key Table

Your phone

Your mobile phone is a radio transceiver. When the phone is turned on, it transmits and receives radio frequency (RF) signals.

The front and back views of the 2901 handset are shown below:



1. LCD display
2. Navigation key
3. Clear key/Phone Book access key
4. Power key/End call key
5. Soft keys
6. Call key
7. Earphone jack/ Charger port
8. Battery cover catch

Key description

The following tables provide you the description of the keys on the keypad:

Function Key Table

KEY	FUNCTIONS
	Follow the prompt on screen, press to access the following options: "Menu", "OK", etc.
	Press to access the In-call menu during calls.
	Follow the prompt on screen, press to access the following options: "Names", "Delete" or "Back", etc.
	Press to reject the incoming call.
	Press to scroll through the lists when accessing menus
	Press to move the cursor left and right during word editing.
	Press to adjust the earpiece volume during a call.
	In idle mode, press to access the "Inbox" menu. Press and hold to activate or deactivate the vibrator alert function, press to access the quick access menu, which includes the following 8 commonly accessed functions:
	1. Send Message: Write and send new messages.
	2. Desk Top: Change the background wallpaper.
	3. Screen Saver: Change the picture of the screen saver.
	4. Voice Mail: Call the voice mailbox to listen to the messages.
	5. Calculator: Perform simple calculations
	6. Calendar: Look up a date, including year, month and day.
	7. Divert: Activate the diversion of

Your 2901

calls.
8. **Alarm Clock:** Activate the alarm settings.

Press to place a call or answer an incoming call.



In idle mode, press to view the recently dialed, received and missed phone call list with 10 entries each. Press to call the selected number.

In idle mode, press and hold to turn the phone on and off.



During a call, press to end an active call.

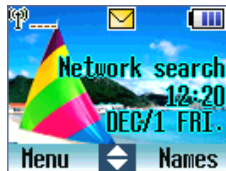
Alphanumeric key table:














Key	UPPER CASE (ABC)	LOWER CASE (abc)	NUMBER INPUT
	blank		1
	A B C	a b c	2
	D E F	d e f	3
	G H I	g h i	4
	J K L	k l	5
	M N O	m n o	6
	P Q R S	p q r s	7
	T U V	t u v	8
	W X Y Z	w x y z	9
			0
	Insert punctuation marks.		
	Press to change the style of input.		

- ⌘ In idle mode, use only numbers, the international dialling prefix code “+” (press and hold) and characters that are allowed for dialling. Other letters or symbols are not allowed.
- ⌘ To input a specific letter or symbol, after selecting the input style, follow the order given in the table above by pressing or holding the corresponding keys. For example: To input A, press once; to input B, press twice, and so on.
- ⌘ To key in the same character in sequence, wait for a second between each key press.
- ⌘ If you make a mistake, press (Delete) to delete the character on the left of the cursor; press and hold to delete all characters on the screen.

Your 2901

The display indicators



	Network. Displayed with the Signal strength to indicate the network status.
	Battery charge indicator. The longer the bar, the more power is available in the battery.
	Signal strength. The longer the bar, the better the signal strength.
	Roaming. Shown when registered with a system other than the original one (Inter-system Roaming).
	Home zone. Shown when registered with the system to which it was originally registered. Availability depends on the network service provider.
	Short message. Solid when there is an unread incoming text message. Flashes when the memory is full.
	Voice Message. Shown when there is an unread incoming voice message (availability depends on the network service provider)
	Missed call. Shown when there is an unanswered incoming call.
	Silencer. Shown when the ringer volume is set to "Silent".
	Vibrator. Shown when the "Call Alert" is set to "Vibrator Only".
	Alarm. Shown when the alarm is set.
	Call divert. Shown when the unconditional divert call is activated.
	Headset. Shown when the headset is connected to the jack and the headset function is enabled.

Installation

UIM card and battery

- ⚠ Keep the UIM card and batteries out of the reach of small children.

Installation of the UIM card and the battery

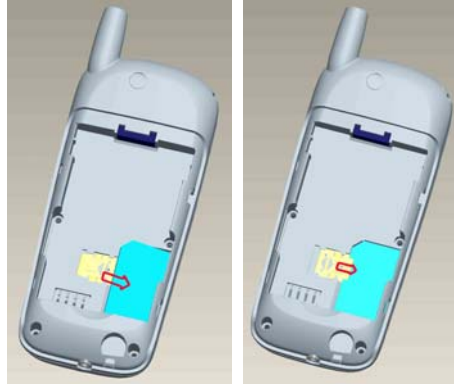
1. Before proceeding, ensure that the phone is switched off. With the back of the phone facing you, press the battery cover catch on the back of the phone downward and lift the battery cover.



2. Push the battery to the left (apply some force), lift it up and remove the battery from the battery slot.



3. Insert the UIM card into the UIM cardholder, ensuring that the angled corner is on the lower right-hand side with the gold metallic contact surface facing downwards.



4. Replace the battery with its catch pins inserted into the catch slots and push downwards until it is firmly seated in the battery slot. Then replace the battery cover and push upward until it clicks into place.

Removal of the UIM card and the battery

Repeat the same procedure described in the "Installation of the UIM card and the battery" to remove the UIM card and the battery. Gently remove the UIM card, press down the tab over the UIM cardholder and pull the UIM card out.

Battery Information

Battery Information

Battery

Battery charging

- ⌘ Use only the approved battery and charger supplied by the phone manufacturer.
- 1. Plug the connector of the travel charger into the charger port at the bottom of the phone.



2. Plug the charger into the AC power supply socket and the battery indicator will start to scroll.
You can use the phone, if switched on while it is charging.
The message "charging" will be displayed after you have connected it to the power supply.
3. When the battery is fully charged, the battery indicator will stop scrolling.
- ⌘ While charging, make sure the charger is firmly connected to the charger port.

! When charging the battery for the first time, charge it for at least 12 hours.

! For optimum battery power performance, 5 hours of battery charging is recommended.

! Do not remove the battery while charging is in progress to avoid causing damage to your phone.

Battery specifications

Please refer to "Accessories" of "Reference Information" or the battery label.

Notice on battery charging and discharging

- ⌘ Your phone is powered by a rechargeable battery.
- ⌘ Use only the specified charger supplied by manufacturer for charging. Any other type may be dangerous.

- ⌘ Note that the new battery will only reach its best performance after being fully charged and discharged 2 or 3 times.
- ⌘ When the charger is not in use, disconnect it from the power supply. Do not leave the battery on continuous charge for more than one week, as overcharging will shorten the battery life. If a fully charged battery is left unused, it will slowly discharge itself over time.
- ⌘ An environment with extremely high or low temperatures will affect the battery charging. Optimum charging will be achieved in moderate temperatures.
- ⌘ If the indicator of the desktop charger does not light up or keeps flashing while charging, remove your phone or battery and insert them to the desktop charger again until it lights up and starts charging.

Low battery indicator

When the battery is low, with only a few minutes of communication time left, the handset will warn you with an alert tone and the "Battery Low" message will be displayed.

Use of battery

- ⌘ Never use a damaged or non-recommended charger or battery.
- ⌘ Keep the battery at a temperature between 10°C to 40°C (50°F to 104°F).
The effectiveness of your battery is particularly affected in temperatures below 0°C (32°F).

Battery disposal


- ⌘ Do not dispose of the battery in a fire.
This may cause a serious risk of explosion and/or release of highly toxic chemicals.
- ⌘ Ensure that the battery is disposed of or recycled properly.
- ⌘ The battery must not be disposed of in municipal waste.

Quick & Easy

Quick & Easy


This page provides some of the basic operations for using your phone. For more detailed information, refer to "User Manual".

Before Use






1. Remove the battery and insert your UIM card, then re-install and charge the battery. For more details, please refer to "Installation".
2. Press and hold  to turn on your phone.
Wait until the name of the network operator appears on the screen.

Call Functions



Making calls

When in idle mode, key in the area code, the phone number and press  to make a call.


Making calls quickly and easily

In idle mode, press  (Names) to access the phone book directly, scroll to the desired name by pressing . Press  to make the call; or press  (View) to view the phone number of the desired name and press  to call the person.

Answering calls

Press  or  (Accept) to answer a call.


Terminating calls

Press  to end the active call.

Refusing calls

Press  or  (Ignore) to refuse an incoming call.



Emergency calls

In idle mode, key in 112 or 000 and press  to contact the emergency services center.

Clear screen

Press and hold  to clear the screen.





Redialing

Press  to view the recently dialed, answered or missed phone numbers with a maximum number of 10 entries. Press  to call the desired number.

Quick Access



Press and hold  to access the voice

mailbox.

- Press and hold the alphanumeric keys ( to ) to call the phone numbers set in "Speed Dial". You can set up to 8 entries.
- Press  to access the quick access menu.
- Press  to access the "Inbox" menu.

Adjusting the earpiece volume














You can adjust the earpiece volume during a call by using the navigation key.

Press  (louder) or  (lower) to increase or decrease the earpiece volume.

Phone Book Functions


Add new

Adding new numbers and names to the handset or UIM card.

1. In idle mode, press  (Menu). Scroll to "Phone Book" with  and press  (OK).
2. Scroll to "Add New" with  and press  (OK).
3. Key in the area code together with the phone number and press  (OK). The LCD display will then propose "Quick Save" or "Add Name".
4. If "Quick Save" is selected, press  (OK). Select either "Save To UIM" or "Save To Phone" and press  (OK), the data entered will be shown on the LCD display. Press  (OK) to store the number.
5. If "Add Name" is selected, key in the name and press  (OK). Select either "Save To UIM" or "Save To Phone" and press  (OK). Follow the prompt on screen, select the group to save to and press  (OK). The data entered will be shown on the LCD display. Press  (OK) to store the number.

Keypad Lock

Lock keypad

In idle mode, press and hold  to lock the

Quick & Easy

keypad.

After locking the keypad, the "Key Guard Mode" message will be shown in the center of the bottom part of the LCD display.

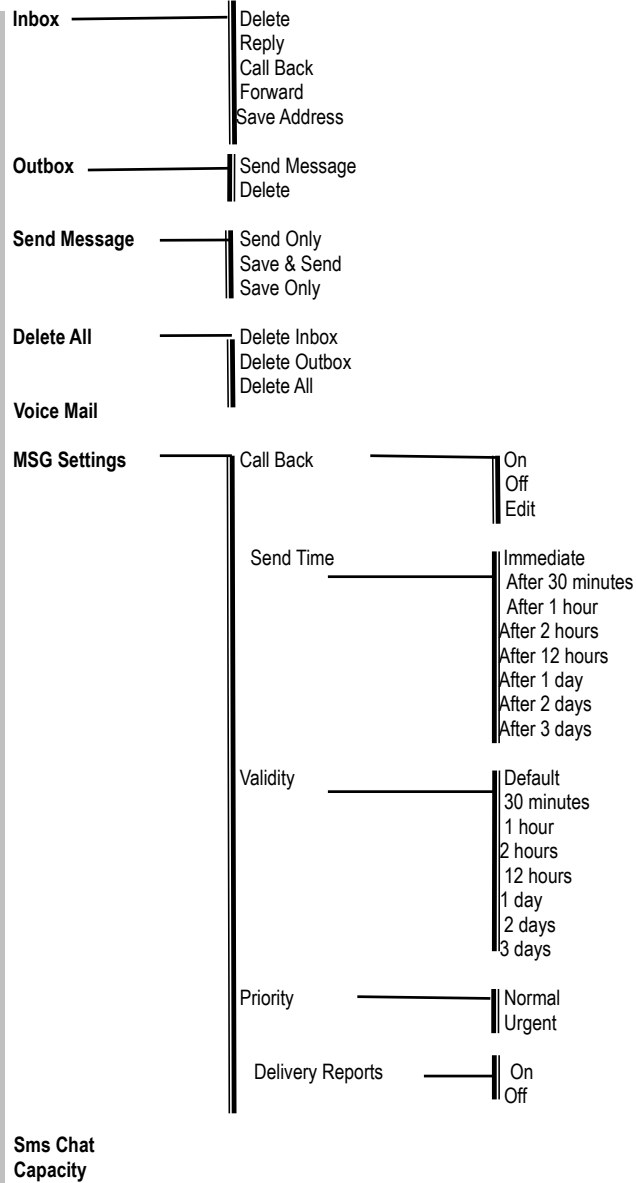
Unlock keypad

Press "3*" in sequence quickly to unlock the keypad.

Menu Map

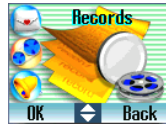
Menu Map

1 Message



Menu Map

2 Records



Recent Calls

Clear Logs

- Incoming Calls
- Outgoing Calls
- Missed Calls
- Delete All

Call Timers

3 Ringer



Volume

Type

- Any Call
- Phonebook Calls
 - Group Ringers
 - Family
 - Colleagues
 - Friends
 - VIP
- Alarm Ringer
- Message

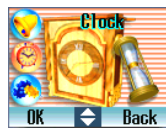
Call Alert

- Ringer Only
- Vibrator & Ringer
- Vibrator then Ringer
- No Ringer & Vibrator
- Beep Only
- Vibrator Only

Power On/Off Ringer

- On
- Off

4 Clock



Alarm Clock

- On
 - Once
 - Everyday
 - Workday
- Off

Display Mode

- Date & Time
 - 12 Hours
 - 24 Hours
- No Display
- Date Only
- Time Only
 - 12 Hours
 - 24 Hours

Auto Power Off

- On
 - Once
 - Everyday
- Off

Menu Map

5 Settings



Normal

- Backlight ———— On ———— 10 Seconds
20 Seconds
30 Seconds
User Define
- Contrast ———— Off
- Contrast ———— 0-9
- Screens ———— Wallpaper Bitmap 1-12
- Language ———— English
简体 中文
繁體中文
- Input Method ———— Number Input
Lower English
Upper English
Smart English
智能拼音输入
智能笔划输入
智能注音输入
- Key Tones ———— On
Off
- Auto Answer ———— On
Off
- Anykey Answer ———— On
Off
- Reset To Default

Security

- Lock Phone ———— Unlock
Lock
On Power Up
- Change Code
PIN Management ———— Enable PIN
Disable PIN
Change PIN

Call Settings

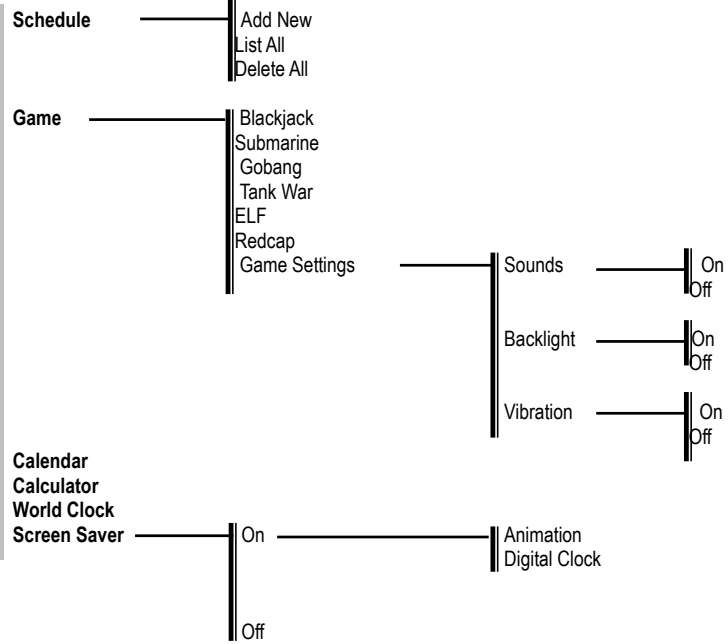
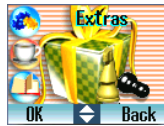
- Call Forwarding ———— If Busy
If No Answer
Unconditional
Unreachable
Cancel All
- Call Waiting ———— Enable
Disable

Phone Info

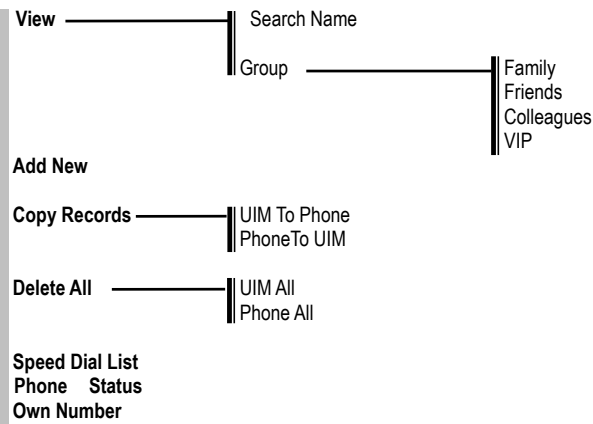
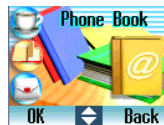
- Minute Beep ———— On
Off

Menu Map

8 Misc



9 Phone Book



10 UIM Tools




The availability depends on your network service provider.

Call Functions

Call Functions

Turning your phone ON and OFF




Press and hold  for 3 seconds and then release it.

! Always switch off your phone whenever it is forbidden to use it or when it may cause interference or danger.

When PIN is requested

UIM cards are usually protected with a PIN code.

The PIN code usually comes with your UIM card, provided by the network operator.

1. Key in your PIN code (note that the characters in your password are replaced with “*”).
2. After you have entered the PIN code, press  (OK).
3. If you key in a wrong number, press  (Clear) to remove the last digit. Press and hold  to clear the entire entry.

4. If the PIN code entered is incorrect, a warning message will be displayed to inform you of the remaining attempt to enter your PIN.





! If an incorrect PIN code is entered 3 times in succession, your phone will automatically lock-up the UIM card and a message will be displayed to inform you that the UIM card is blocked.

Unlock the blocked UIM card


If your UIM card is locked, you will be asked to enter the PUK code to unlock your phone in order to continue using it.

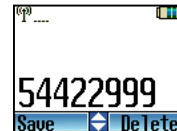
! The unblock code consists of 8 digits, and is provided with the UIM Card. If not, please check with your network service provider for the code.

Making calls




1. In idle mode, key in the area code and phone number. Press  (Delete) to delete the last digit. Press and hold  for 3 seconds to clear the whole number.
 2. Press  to dial the number.
 3. Press  to end an active call or stop dialing.
- ! A “beep” will be heard to inform you that the call is connected.*

Example:


For domestic calls, when in idle mode, key in 54422299 and press  to make the phone call.

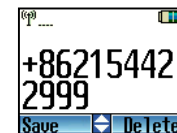


International calls




1. The prefix for international calls is as follows:
 - a) Key in 00 followed by the country code, area code and phone number.
 - b) Press and hold  until a “+” sign appears, then key in the country code, area code and phone number accordingly when you are in idle mode.
2. Press  to place the call.
3. Press  to end an active call or stop dialing.

Example:

For international calls, when you are in idle mode, key in +862154422999 and press  to make the phone call.



Making calls via the phone book

1. Press  (Menu) to access the main menus, scroll to “Phone Book” with  and press  (OK).

Call Functions

2. Select "View" and scroll to "Search Name" with and press (OK).
3. Scroll through the list with for the desired name or key in the first letter of the name you require in your phone book.



4. Press (View) to browse the data entered (name and phone number).



5. Press to call the person or press (Select) to continue with one of the following options: "Edit", "Delete", "Call" and "Copy To Phone/UIM".

Redial calls missed, received and dialed

The last 10 phone calls that you dialed, answered or missed are stored in the phone's memory. To redial, perform either of the following:

⌘ Making calls quick and easy:

1. In idle mode, press to view the last dialed, answered and missed phone calls.
2. Press to dial the selected number.

⌘ Making calls via the Menu:

1. In idle mode, press (Menu) and scroll to the "Records" with .
2. Select "Recent Calls" and press (OK) to view the recently incoming and outgoing calls records. Where:
 - indicates a missed call
 - indicates a received call
 - indicates a dialed call

3. Scroll to the desired name or phone number with .
4. Press (View) to check the information on the call, press (Select) to continue the next operation with "Dial", "Fast Save", "Add Name" and "Delete". You can call the person by selecting "Dial".

Speed dial

When in idle mode, hold down the corresponding alphanumeric keys (to) to dial the preset speed dial numbers. Ensure that you have entered the settings in "Speed Dial".

Calling your voice mailbox

When in idle mode, hold to access the voice mailbox directly. Alternatively, you can select the Voice Mailbox function in the quick access menu.

Answering calls

1. Press or (Accept) to answer an incoming call.
2. Press to end the call.



3. Press or (Ignore) to refuse an incoming call.

! If you have activated the "If Busy" function in Call Divert, any incoming calls will be diverted to the specified number while you are on a call. For example, you may divert incoming calls to your voice mailbox. If you have rejected an incoming call, the call will be diverted too. Please refer to "Call Forwarding".


Call waiting

If call waiting function is activated, you may answer a new incoming call while already on line.

! The call waiting function allows you to manage up to two calls simultaneously (1 active, 1 on hold). To answer the third incoming call, end one of the


Call Functions

active calls, or establish a multiparty call for the two connected calls before answering the third call.

Press  to reject the new call.

! Please contact with your net provider when the function is unavailable.

In-call menu



During a call, you can access the In-call menu by pressing . Some of the options listed in the

In-call menu may not be available at a given time and vary depending on your network operator.

1. **Save Number:** access the "phonebook" menu.
2. **Send Message:** access the "message" menu.
3. **Mute:** Mutes the mobile phone. When this option is selected, if the phone is in Call waiting mode, the party on the phone will not hear you and the call will remain on hold.


Other operations

Adjusting the earpiece volume



You may adjust the earpiece volume during calls with  (louder) and  (lower).

Keypad lock


This feature locks the keypad to prevent keys from being accidentally pressed.

1. **To lock the keypad:** In idle mode, press and hold  to lock the keypad. After the keypad is locked, the "Key Guard Mode" message will be shown at the middle of the bottom part of the screen.

2. **To unlock the locked keypad:** Press "3 *" in sequence quickly to unlock the keypad.


3. **To answer an incoming call while the keypad is locked:** To answer an incoming call, press . To ignore an incoming call, press . During calls, your mobile phone operates as if it were unlocked.

! Even if the keypad is locked, an emergency call can still be made (such as: 112 or 000 other national emergency numbers).

Key in an emergency call number, such as: 112, and press . The number will be displayed after you have entered the first digit.

Input text

The 2901 model provides a number of input methods for you to organize your phone book or write messages.

By pressing , users may switch between the different input methods.

The following table shows the icon displayed by the handset:

笔划(Shown in Chinese mode)	智能笔画输入
註音(shown in traditional Chinese mode)	智能注音输入
拼音(only in Simple Chinese mode)	智能拼音输入
ABC	Upper English
abc	Lower English


Call Functions

Eng	Smart English
123	Number Input

Smart English

Smart English input is a much easier way to input a text message in English. In Smart English input, the alphanumeric keys enter words with single key presses instead of multiple key presses. When the first (or second) character is entered, the display shows the most probable words in the suggestion area. Then you may scroll to the desired word and the selected word from the suggestion area will move to the text area.



Using Smart English input


Switch to Smart English input by pressing “”.

For example, if you want to input “Telephone”, the key press sequence is as follows:



Then the word will appear in the 3rd place of the suggestion area.

Press and hold  or press  key to select the desired word.








Press  (OK) to finish the message input.

Using Menu



Using The Menu

This handset offers a range of functions that allow you to customize the phone to your needs. These functions are arranged in menus and submenus.

Accessing to menu function

1. In idle mode, press  (Menu) to go to the menu facility.
2. Scroll to the desired menu with .
3. Press  (OK) to enter the desired submenu.
4. Scroll to the desired submenu with .
5. Press  (OK) to access the submenu.
6. Press  up or down to access the next menu of the selected submenu.
7. Press  (OK) to confirm setting.




Returning from menu function

1. Press  (Back) to return to the previous menu level.
2. Press  to exit the menu and return to idle mode without changing the menu settings.


Message




This menu allows you to send, read and write text messages, listen to the voice message and access other relevant features that are provided by your network service provider.

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Message" with .
3. Press  (OK) to access the menu.

Inbox

If a new message is received, the  icon will be shown at the top of the screen and notification tones will be heard.

1. Scroll to which the message to be read with .
2. Press  (OK) to read the message.
3. After reading, press  (Option) to continue with the following options:

Delete

Delete the message.

Reply

Reply to the message by writing text.

Call Back

Reply to the message by calling.

Forward




Forward the received message to others.

Save Address

Save sender's phone number.

Outbox

All the read messages can be found via this option.

1. Scroll to which the message to be read with .
2. Press  (OK) to read the message.
3. After reading, press  (Option) to continue with the following options:

Send Message



Key in the desired number or select from the phonebook, then send the message.


Delete

Delete the message.

Send Message

You may write messages of up to 160 characters in English. To enter characters, refer to "Alphanumeric Key Table".

1. Start composing your message.
2. Press  to insert marks..
3. Press  to insert predefined text.

Key in the phone number and press  (OK) to continue with the following options:

Send Only



Send the written message to others.

Save & Send

Save the message in the memory and send it.

Save Only

Save the written message.

- ! If you make a mistake when writing, press  (Delete) to delete the characters to the left of the cursor; press and hold  to delete all the characters.

Delete All

This option allows you to delete the old messages with the following options.

Delete Inbox


Delete all messages in Inbox.


Delete Outbox

Delete all messages in Outbox.

Delete All

Delete all the messages.

! If the  icon flashes, it means that there is insufficient memory for new messages. Select "Delete" in "Inbox" to delete old messages to free up memory for new messages.

! If there is no  icon shown on the screen, all received messages have been read and there is sufficient memory for new messages.

Voice Mail

This option allows you to access the voice mail directly to listen the voice messages.

MSG Settings

The SMS profile defines the transmission characteristics of the SMS. The options depend on your UIM card. To change the profile, proceed with the following options:

Call Back

This option allows your receiver to see your call back number. When ON, the message you sent contains the number. When OFF, no corresponding information appear.

Send Time

This option allows you to set the duration SMS kept in service center before sending. Following options are allowed: Immediate, after 30 minutes, after 1 hour, after 2 hours, after 1 day, after 2 days, after 3 days

Validity

This option allows you to set the period during which the service center keeps the message for the unreachable subscriber. Select the period in which the service center tries to deliver the message: Default, 30 minutes, 1 hour, 2 hours, 12 hours, 1 day, 2 days, 3days.

Priority



This option allows service center have priority to delivery your message. The following options available: Normal, Urgent.

Delivery Report

Service center will send you the report when message sent successfully.

SMS Chat

This option allows you to chat with a person after you have connected with him.

1. Press  enter the SMS chat.
2. Enter recipients' address and your Nickname, then press  to edit a SMS.

Capacity

You can view the memory capacity for the inbox and outbox as well as the available memory space.




! The maximum capacity of the UIM card messages depends on the network service provider.

Records

This option provides a record of call duration, recent calls and relevant settings.

Availability of the call records depends on the network service provider.

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Records" with .
3. Press  (OK) to access the menu.

Recent Calls

Records all the call information such as the phone number, the name (if saved in the phone book) and time. You can continue the next operation with "Dial", "Fast Save", "Add Name" and "Delete".

Clear Logs




This option allows you to delete the records of outgoing calls, incoming calls or missed calls. You can even delete all call records one at a time.

Call Timers

This option provides you with information on the call duration of last call.

This option allows you to set the volume, type of the ring tone and the alert tones.

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Ringer" with .
3. Press  (OK) to access the menu.

Volume

This option allows you to set the ringing volume choosing from 5 levels, silent to high.

Type

Set different ringer types to the following categories: "Any Call", "Phonebook Calls", "Group Ringers", "Alarm Ringer" and "Message", each one has 30 kinds of music.

Call Alert




This option allows you to set the alert type for an incoming call.

Power On/Off Ringer

Activate or deactivate the music when you switch on/off the handset.




This menu shows the options for setting the alarm, auto power off, display mode of date & time. (date and time are displayed on the LCD display in idle mode).

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Clock" with .
3. Press  (OK) to access the menu.

Alarm Clock

The alarm will set your mobile phone to ring at a specific date and time when the phone is switched on, with the desired ring tone.

1. Select "On" and press  (OK).
2. Scroll to either "Once", "Everyday" or "Workday" and press  (OK).
3. Key in the time for alarm using the HH:MM format, where HH is for hour and MM is for minute.
4. Press  (OK).
5. Select "Off" to turn off the alarm function.

! When the alarm goes off, press any key to stop it.



Display Mode

This option allows you to set the display format for the date and time when the phone is in idle mode.


1. **Date & Time:** Displays both the date and time on the LCD display when the phone is idle.
2. **No Display:** Neither date nor time is displayed on the LCD display when the phone is idle.
3. **Date Only:** Displays the date only on the LCD display when the phone is idle.
4. **Time Only:** Displays the time only on the LCD display when the phone is idle.


Auto Power Off


This option allows you to set the phone to switch off automatically at a specific time.

1. Select "On" and press  (OK).
2. Scroll to either "Once" or "Everyday" and press  (OK).
3. Key in the time for alarm using the HH:MM format, where HH is for hour and MM is for

minute.




4. Press  (OK).
5. Select "Off" to turn off the auto power off function.

! When the time is due, the message "Auto Power Off" will appear to inform you that the phone is switching off before shutting down. Press 

(OK) to switch off the handset, press  (Cancel) to continue using the handset. If no action is taken in several seconds, the phone will switch off automatically.

This menu shows the options for setting the functions related to the phone itself, for example phone settings, call settings and security settings, etc. Availability of some functions depends on the network service provider.

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Settings" with .
3. Press  (OK) to access the menu.


Normal

This option allows you to set the following items by preference.

Backlight

This option allows you to turn the background of LCD display and keypad illumination on or off.

Contrast

This option allows you to adjust the display contrast by pressing .

Screens

12 built-in wallpapers are available.

Language

Sets the language for display message. Languages vary upon the language package used.

Input Method

A number of input styles are provided for text editing.



Key Tones

Sets the volume level of the keys when pressed.

Auto Answer

If activated (with headset connected), any incoming call will be answered automatically.

Anykey Answer


If activated, press any key except  and  to answer the incoming call.

Reset to Default

This option allows you to restore the factory default settings.

Security

A number of security features are provided to protect against any unauthorized use of your UIM card and certain features.

Lock Code should be entered before you activate this function. "0000" (displayed in "*") is the default code for this handset. Press  (OK) to enter following options:

Lock Phone

When locked, you should enter Lock Code to unlock the handset.

Change Code

Please change the Lock Code as soon as possible. The default code is "0000".

PIN Management


You are allowed to set a password to protect the UIM card from any unauthorized use. If the PIN request is activated, you will be asked for the PIN every time you switch on the phone. The PIN code can also be changed.

Call Setup

This menu provides you the following options:

Call Forwarding

This option is set to forward incoming calls to the voice mail (only for voice messages) or another phone number, so as not to miss any important call. There are 4 divert modes available which you can activate, cancel. You can check its current status at any time.

If activated, follow the prompt on the screen and key in the phone number to which you wish the incoming calls to be diverted or press  to search for the phone number.

If Busy

Divert all incoming calls when the line is busy (when you are on a call) or you have rejected the incoming call.

If No Answer

Divert all incoming calls if there is no answer (there will be a missed call icon displayed when a call is diverted).

Unconditional

Systematically divert all incoming calls.

Unreachable

Divert incoming calls "If Busy", "If No Answer", and "Unconditional". When activated, the "If Busy", "If No Answer", and "Unconditional" divert settings are activated automatically.

Cancel All

Cancel all the call divert functions.

Call Waiting

This option alerts you of an incoming call while on line. When activated, you will hear a notification tone and the caller's number will notify you of a new incoming call when you are on the phone.

! Please contact with your net provider when the option is unavailable.

Minute Beep

This option will remind you of the time elapsed. A beep will be heard at every 50 seconds basis you talk on the phone. For example, it beeps for 50 seconds, 1 minute 50 seconds, 2 minute 50 seconds and so on.

Phone Info

It includes software version information.

Items	Setting Options	Default Settings	References
1	Call Back	Off	Refer to "Message" menu
2	Send Time	Immediate	
3	Validity	Default	
4	Priority	Normal	
5	Delivery Report	Off	
6	Volume	Level 2	Refer to "Ringer" menu
7	Any Call	Music2	
8	Phonebook Calls	Music2	
9	Family	Music1	
10	Colleagues	Music1	
11	Friends	Music1	
12	VIP	Music1	
13	Alarm Ringer	Music1	
14	Message	Music2	
15	Call Alert	Ringer Only	
16	Power On/Off Ringer	On	Refer to "Clock" menu
17	Alarm Clock	Off	
18	On (Alarm Clock)	Everyday	
19	Display Mood	Date & Time	
20	Date & Time	12 Hours	
21	Time Only	12 Hours	
22	Auto Power Off	Off	
23	On (Auto Power Off)	Once	Refer to "Settings" menu
24	Backlight	On	
25	On (Backlight)	30 Seconds	
26	Contrast	6	
27	Language	简体中文	
28	Input Method	Number Input	
29	Key Tones	On	
30	Auto Answer	Off	
31	Anykey Answer	Off	
32	Lock Phone	Unlock	




33	If Busy	Enable	
34	If No Answer	Enable	
35	Unconditional	Enable	
36	Unreachable	Enable	
37	Call waiting	Enable	
38	Minute Beep	On	
39	Sounds	On	Refer to "Misc" menu
40	Backlight	On	
41	Vibration	On	
42	Screen Saver	Off	
43	On (Screen Saver)	Animation	

Restore Table

Misc

This menu provides additional options to enable the user to personalize the phone. It may be used to simplify the handset and includes a calculator, calendar and even offers the possibility of playing games and setting a screen saver for your handset when it is idle.

In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Misc" with .
3. Press  (OK) to access the menu.

Schedule




This menu allows you to set up your schedule. This handset will alarm you on the special days according to your schedule.

Game

This menu offers you some interesting games.











Blackjack

Select whether or not to read the brief help text before starting the game.

1. Select the desired decks.
2. Press  to start playing.
3. Press  or  to increase or decrease wager.
4. Follow the prompt on the screen to continue the game.



Submarine







Select whether or not to read the brief help text before starting the game.

1. Press , ,  and  to move the submarine up, down, left and down.
2. Press , , , to fire.
3. Press  to pause or resume.
4. Press  to restart, press  to exit.

Gobang

Select whether or not to read the brief help text before starting the game.












1. Press  (Select) to start playing.
2. Scroll to the desired game level with .

3. Press , ,  and  to move the chessman up, down, left and right. Press  to place the chessman and press  to undo the previous step.

! In this game, you will play against the handset. The party who first connects a continuous five chessmen in any direction wins the game.







Tank War

Select whether or not to read the brief help text before starting the game.

1. Scroll to the desired game level that ranges from level 1 to level 9 (where level 1 is the easiest and the level 9 is the most difficult) with .
2. Press , , , ,  to move the tank up, down, left and right, press , , ,  to fire the enemy. Press  to pause or resume.








Elf

Select whether or not to read the brief help text before starting the game.

- Press , ,  and  to move the elf up, down, left and right.
- Press ,  to pause or resume.

Redcap

Select whether or not to read the brief help text before starting the game.

1. Press  to start playing.
 2. Input the desired number.
 3. Press , ,  and  to push the box up, down, left and right.
 4. Press  to undo the previous step, but only once.
- Press  to exit the game while playing.

Game Settings

For more enjoyment, you can activate the sound effect, backlight and vibration function while playing games.

Calendar










This option can be used to lookup a date. Key in the

year and month you would like to check and press

 (OK) to view the calendar.



Calculator

This option allows you to make simple calculations. Due to the limitation of accuracy, rounding-off errors may occur during division.

Key in the number ( to ) for calculation, press  to key in the decimal, press  to enter the positive or negative sign, press  to backspace and edit the number entered, press  to restart the calculation, press  or  to switch between the +, -, *, / operators, press  to get the result.

World Clock

Select a suitable time-zone for different world large cities.

Press  or  to select your desired world clock.

Screen Saver




This option allows you to set the screen saver for your phone when it is idle.

The screen saver will be activated when the phone is idle for few seconds. Press any key to return to the idle mode.

Phone Book

The "Phone Book" is used to save phone numbers and names in the handset or UIM card. The UIM card capacity may vary depending on the network service provider.


In idle mode, proceeds as follow:

1. Press  (Menu) to enter main menu.
2. Scroll to "Phone Book" with .
3. Press  (OK) to access the menu.

View

This menu provides you the following options:

Search Name



1. Press any key and the names starting with the character pressed will be shown, scroll through the list for the desired name with .



2. Press  to make the call.




Group

You may organize your phone numbers into the groups available (only for the entry saved in handset).



1. Scroll to the desired group and press  (OK).
2. Select the desired entry and press  to make the phone call.


Add New

Add a new entry to the handset or the UIM card.

1. Scroll to "Add New" and press  (OK).
2. Key in the area code and the phone number and press  (OK).
3. Select either "Quick Save" or "Add Name" for the entry.
4. If "Quick Save" is selected, select either "Save To UIM" or "Save To Phone".
5. If "Add Name" is selected, press  (OK) to

continue.

6. Key in the name and press  (OK).
7. Select either "Save To UIM" or "Save To Phone".
8. Assign the entry to one of the following groups after completing the above procedures: "Family", "Friend", "Workmate" and "VIP".
9. Press  (OK) after you view the record.

! To key in the country code, press and hold  until the international dialing code "+" is displayed then key in the appropriate country code. The steps for dialing from abroad are the same as above.

Copy Records



This option allows you to remove all the entries from the handset to the UIM card or vice versa.




Delete All

Delete the entry in the phone book of both handset and UIM card.

Speed Dial List

This option allows you to set the phone number up to 8 phone numbers for speed dialing. When in idle mode, press and hold the corresponding alphanumeric key, you can call the designated number. The available keys for speed dialing are

 to .

1. Scroll to a specific key number and press  (Select).
2. Scroll to the desired phone number and press  (View).
3. Press  (Select) to confirm setting.

Phone Status

You can check the memory capacity of the handset and the UIM card. For example: 3/10 means that there is a total of 10 entries, 3 entries have been saved with memory still available for 7 more memories. The handset status of the UIM card may vary depending on the memory capacity of the UIM card.

Own Number

This option allows you to key in your own name and the phone number for reference.

UIM Tools

This menu is shown only if your UIM card provides additional services. The name and contents of this menu depend on the services available.

For availability, rates and information on using the UIM service, check with your network service provider.

Maintenance

Your mobile telephone is a radio transceiver, built with precision electronic parts, and it needs to be used with care. Observing the following recommendations may prolong the phone's life.

Please note the following points:

- ⌘ Keep the phone and its accessories out of the reach of small children.
- ⌘ Keep it dry. Avoid contact with liquids. Humidity and liquids contain minerals which corrode electronic circuits.
- ⌘ Do not expose the phone to an extremely cold environment, as this will cause a build-up of moisture within the phone.
- ⌘ Do not expose the phone to extreme heat as high temperatures will shorten the life of electronic parts, damage the battery, and cause some plastic material parts to become deformed or to melt.
- ⌘ Do not attempt to disassemble the phone. Non-expert handling of the phone may damage it.
- ⌘ Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. The phone may be cleaned with a soft cloth slightly dampened in warm water.
- ⌘ Do not paint or otherwise coat, the phone.
- ⌘ Do not use accessories, such as batteries designed for other mobile phones, or any other unapproved accessories. This will damage the phone, violate the radio equipment regulations and invalidate your warranty.

Access Codes

There are several codes required to access the handset and UIM card. The access codes allow you to avoid unauthorized use of your phone and UIM card.

PIN Code

The PIN (Personal Identification Number) protects the card against unauthorized use. This code is supplied with the UIM card. If the PIN is set to "Enable PIN," the code is requested when the phone is switched on.

If you enter an incorrect PIN code three times in succession, the UIM card is blocked, key in the PUK code.

PIN2 Code

This code is supplied with the UIM cards and is required to access certain functions, such as accumulated costs. If your UIM card supports those particular functions, you can activate them from your handset. If you enter an incorrect PIN2 code three times in succession, the PIN2 code is blocked and you will be asked for the PUK2 code.

PUK code

The PUK (Personal Unblocking Key) code is used to unblock and change the locked PIN code. This code may be supplied with the UIM card. If this is not the case, check with your network service provider for the code. If you enter an incorrect PUK code ten times in succession, your UIM card will no longer be valid.

Contact your network service provider to replace the UIM card.

PUK2 code

The PUK2 code is used to unblock and change the locked PIN2 code. This code is supplied with the UIM. If you enter an incorrect PUK code ten times in succession, the functions that require PIN2 code for activation are no longer valid.

Contact your network service provider to replace the UIM card.

Reference Information

Reference Information

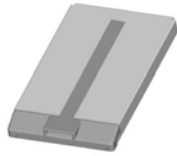
Accessories

The accessories for the 2901 (GSM/DCS) mobile phone include battery, charger etc. Please refer to the "Battery Charging" section for the battery charging method.

Battery

At present, the rechargeable battery approved by the manufacturer is the lithium battery (Li-Ion).

The talk time and standby time for a new battery is about 2-6 hours and 50-150 hours respectively. When the battery is fully charged, you can have a continuous talk time for few hours and standby time for a few days. The capacity of a battery may vary depending on the environment, networks, UIM card or options available.



Charger

This is a lightweight charger compatible with a multi-voltage supply. Do not connect it to an incompatible product. It charges the phone battery rapidly. To start charging, plug the charger into a power supply and insert the other end into the charge port at the bottom of your phone to start charging.

The required charging time is approximately 5 hours. The battery charging status can be checked on the mobile phone display.



Problem Solving

Problem Solving

Problem Solving

1. When you switch on your phone, "Insert UIM card" is displayed

- a. Check that the UIM card is correctly installed.
- b. Ensure that the gold chip is not damaged or scratched.
- c. Check the UIM card contacts. If they are dirty, clean them with an antistatic cloth.

2. When your phone shows "PIN", "PIN2", "PUK", "PUK2", and "Barring code".

- a. Please contact your network service provider for the numbers.
- b. If you enter the wrong PIN code three times in succession, the UIM card will be blocked.
- c. For the PUK code, check with your network service provider.

3. No connection to network.

- a. Check the signal strength meter in the display. If the signal is weak, move to an open space or move closer to a window and try again.
- b. Contact your network service provider for further details.

4. Your correspondent cannot hear you.

- a. Check that the network signal strength is normal and try again.
- b. Check that the earphone is unmuted.
- c. Holding the phone close to your mouth.

5. The battery won't charge

- a. Check that the charger is properly connected.
- b. The message "Charging" will only be shown when you charge the battery with the handset switched off.

6. You can't make calls.

- a. Check the signal strength meter in the display. If the signal is weak, move to an open space or, if you are in a building, move closer to a window.

- b. The network is busy, please try again later.
- c. Check whether the call charge limit has been reached.

7. The battery drains faster than normal.

- a. Check whether are you in an area with unstable coverage as this may use extra battery power.
- b. Ensure that the mobile phone is not exposed to extreme temperatures. This will significantly reduce battery performance.

It is strongly recommended not to charge the battery for more than 24 hours. This will reduce the battery performance or cause damage to the battery.

8. The headset starts beeping.

The signal is weak or out of coverage.

Reference Information

Issue Dec. 2004