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DBTEL

F66

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 recognition or 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.

Technical specifications and certain features are subject to change in technology, design, software upgrade and availability.

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: 0.52 W/kg
Body: 0.61 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 Elektringenieure (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 the handset properly.

SAR Radiation Limit: 2.0 W/Kg

Tested SAR Rating: 0.512 W/Kg

Safety Information

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

Compliance with International standard

SAR Radiation Limit: 2.0 W/Kg

Tested SAR Rating: 0.512 W/Kg

Product Safety

Product Safety is always the first priority of DBTEL Incorporated. With the SAR Safety Certificate, we show our persistence in making customer safety the paramount importance.

R&TTE Directive requirements

A declaration of conformity to the essential requirements.

Identification of the European countries 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 F66 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC ”.

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European Union - SAR

SAR (European Union)

This Model phone meets the EU 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 Council of the European Union. 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 organisations 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 the Council of the European Union is 2.0 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 the European R&TTE directive 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 0.512 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirement for RF exposure.

** The SAR limit for mobile phones for public use is 2.0 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

Road safety

Exercise proper control of the car at all times. Do not use handheld phones while driving, and always use the hands free kit.

Special regulations

Always switch off your mobile wherever use is prohibited, such as hospitals, as it may cause interference to medical equipments.

Electronic devices

Mobile phones can interfere with appliances such as computers, televisions and other radio equipments.

Other medical devices

Mobiles phones can interfere with signals of personal me dical devices, such as pacemaker or hearing aid. Consult your doctor for advice before using the mobile.

Aircraft

The use of mobile phones 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 invalidate any warranty applying to your mobile phone and may be dangerous.

Disposal

Your mobile phone and other accessories must be disposed of properly. They must not be thrown away in municipal 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 areas petrol stations and chemical plants.

Emergency calls

Make sure your phone is switched on and in a service area with adequate reception.

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

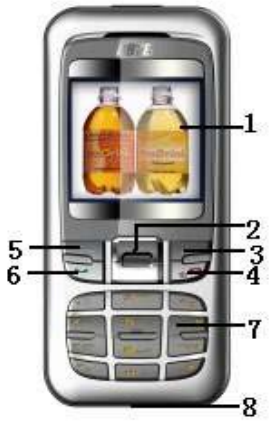
Provide all the necessary information as accurately as possible. Do not hang up until you are told to do so.

Note

- Even when the keylock is activated, emergency calls can still be made.
- If a PIN is set when switching on the mobile phone with SIM card inserted, you will be asked for the PIN code. Any emergency call can be made without entering the PIN code. Press followed by to make an emergency call.

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 views of the F66 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 key
6. Call key
7. Alphanumeric keys
8. Charger port /Earphone jack/data downloading port

Specification

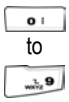
Dimension (with battery pack)
80 (L) x 42 (W) x 22 (D) mm
Weight (with battery pack)
75g

Key description

The following tables provide you with a description of the keys on the keypad.

Function key table

KEY	FUNCTIONS
	Soft key ● Follow the prompt on the screen, press to access the following options: “Menu”, “OK”, “Options” or “View”, etc. ● Press to access the In-call menu during a call.
	Clear key/Phone Book access key ● Follow the prompt on the screen, press to access the following options: “Names”, “Clear” or “Back”, etc. ● When in idle mode, press to access the phone book directly to search for a required name for dialing.
	Navigation key ● Press vertically to scroll through the lists when accessing menus. ● Press vertically to move the cursor left and right during the editing of words. ● In idle mode, press to access Ringer Type menu, press to access the quick access menu, which includes 9 commonly accessed functions, such as Alarm, Backlight, Input Method, Wall Paper, Calculator, Calendar, Games, Auto Answer, Speed Dial.
	Call key ● Press to place a call or answer an incoming call. ● In idle mode, press to view the latest dialed, received and missed phone call list. Each list contains 10 entries. ● Press and hold to enable the hands free function.
	Power key/ End call key ● In idle mode, press and hold to

	turn the phone on and off.
 to	**Alphanumeric key** ● Press to key in digits, letters or special characters. Its functions may vary according to the available menu.
and	**Symbol key** ● Press to key in the symbols displayed on the key. Its functions may vary according to the available menu.

Display indicators

The following tables provide you the indicators shown on the both main and sub LCD display.

Status indicators on main display

A number of status indicators are shown at the top of the screen to tell you of the relevant settings of your handset. Some of the icons listed below may not be available at a given time and vary depending on your local network operator.

	Idle display. Shown when the phone is not in use.
	Network. Shown with the signal strength to indicate the network status. If no signal strength is shown, it indicates that it is searching for the network.
	Battery charge indicator. The more bars that are shown, the more power is available in the battery.
	Signal strength. The more bars shown, the better the signal strength.
	Roaming. Shown when registered with a system other than the original one (Inter-system Roaming).
	Short message. Shown when there is an unread incoming text message. Flashes when the memory is full.
	Missed call. Shown when there is an unanswered incoming call.
	Silencer. Shown when the incoming call alert is set to quiet.
	Vibrator. Shown when the incoming call alert is set to vibrate alert.
	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.
	Beep Only. Shown when the incoming call alert is set to “Beep Only”.

Backlight

When pressing a key or answering incoming call, the backlight will automatically turn on for 10 to 30 seconds or you can define the backlight duration (ranges from 1 0– 99 seconds) by preference. For information on the setting, please refer to “Normal” in “Settings”.

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Installation

Installation of the SIM card and the battery

Note

- Keep the SIM card and batteries out of the reach of small children.
- Before proceeding, ensure that the phone is switched off if a battery has been installed.

1. Press the battery cover catch downwards at the top of the handset with one hand and remove the battery cover with the other hand.
2. Push the battery upwards and remove the battery from the battery slot.
3. Insert the SIM card into the SIM cardholder, ensuring that the angled corner is on the lower left-hand side with the gold metallic contact surface facing downward.
4. Replace the battery with its catch pins inserted into the catch slots and press down until it is firmly seated in the battery slot. Then replace the battery cover and press down the battery cover catch until it clicks into place.

Removal of the SIM card and the battery

Repeat the same procedures described in the “Installations of the SIM card and the battery” to remove the SIM card and the battery.

Note

You may access the following functions before inserting the SIM card: Alarm, Time & Date Setting, Calculator, Games, Calendar and Wall Paper.

Battery Information

Battery charging

Note
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 starts scrolling. The charging message will be displayed after connecting it to the power supply if the handset is switched off.
3. When the battery is fully charged, the battery indicator will stop scrolling.
4. If the battery is completely flat with the handset switching off, the charging message will take a few minutes to appear after connecting it to the power supply.

Note

- You can use the phone, if switched on, while it is charging.
- While charging, make sure that 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, otherwise it may cause damage to your phone.

Battery specification

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

Notice on battery charging and discharging

1. Your phone is powered by a rechargeable battery.
2. Use only the specified charger supplied by manufacturer for charging. Any other type of charger may be dangerous.
3. Please note that the new battery will only reach its best performance after being fully charged and discharged 2 or 3 times.
4. 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.
5. An environment with extremely high or low temperatures will affect the battery charging. Optimum charging will be achieved in moderate temperatures.
6. If the indicator of the desktop charger does not light up or keep 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 power is low, with only a few minutes of calling time left, the handset will warn you with an alert tone and the “Battery Low” message will be displayed.

Use of battery

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

Battery disposal

Do not dispose of the battery in a fire. This may cause a serious risk of explosion and/or release 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

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 SIM 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

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

Making calls fast and easy

In idle mode, press to access to the phone book directly. Scroll to the desired name with and press to make the call.

Answering calls

Press to answer a call.

Terminating calls

Press to end the active call.

Refusing calls

Press to refuse an incoming call.

Emergency calls

In idle mode, key in the emergency call number and press to contact the emergency services center.

Redialling

Press to view the recently dialed, answered or missed phone numbers up to 10 entries each. Scroll to the desired number with and press to make the call.

Speed dial

Press and hold the alphanumeric keys (to) to call the phone numbers set in “Speed Dial” which is up to 9 entries.

Phone Book Functions

Add new

Adding new numbers and names to handset or SIM card.

1. In idle mode, key in the area code and the phone number, press .
2. Scroll to either “Quick Save” or “Add Name” and press .
3. If “Quick Save” is selected, the data entered will be displayed for checking, press to confirm the setting.
4. If “Add Name” is selected, perform the following steps:
   (1) Key in the name and press .
   (2) Select either “Save To SIM” or “Save To Handset” and press .
   (3) If “Save To SIM” is selected, key in the location number to where the entry to be saved and press .
   (4) If “Save To Handset” is selected, select the desired group and press . The data entered will be shown on the LCD display.
   (5) Press to confirm the setting.

Keypad Lock

Lock keypad

In idle mode, press and hold to lock the keypad.

After locking the keypad, the word “unlock” will be shown on the right soft key.

Unlock keypad

Press and press accordingly to unlock the keypad.

Other Functions

Clear screen

Press and hold to clear an entry that you are editing.

Adjusting the earpiece volume

You can adjust the earpiece volume by pressing the navigation key up or down during a call.

Menu Map

1 Phone book

- **View**
  - Search Name
  - Group
- **Add New**
  - Quick Save
  - Add Name
- **Copy Records**
  - SIM to Handset
  - Handset to SIM
- **Delete All**
  - SIM All
  - Handset All
- **Fixed Dial List**
  - View List
  - Add New
- **Speed Dial**
  - Edit
  - Delete
- **Handset Status**
- **Own Numbers**
  - Edit
  - Delete

2 Messages

- **Messagess**
  - Inbox
  - Outbox
  - Send
  - Delete
  - Settings
  - Voice Mail
  - Broadcast
  - Capacity
- **WAP PUSH**
  - Service Indication

3 Records

- **Recent Calls**
  - Dial
  - Quick Save
  - Add Name
  - Delete
- **Clear Logs**
  - Outgoing Call
  - Incoming Call
  - Missed Call
  - Clear All
- **Call Register**
  - Call Timer
  - Call Cost
  - Call Balance

Menu Map

4 Ringer

- **Volume**
- **Ringer Type**
  - Any Call
  - Phonebook Calls
  - Group Calls
  - Alarm
  - Message
  - Cell Broadcast
  - Power On Music
  - Power Off Music
- **Call Alert**
  - Vibrator Only
  - Ringer Only
  - Vibrator & Ringer
  - Vibrator Then Ringer
  - No Ringer & Vibrator
  - Beep Only

5 Clock

- **Alarm**
  - ON
  - OFF
- **Time & Date Setting**
- **Display Mode**
  - Date Only
  - Time Only
  - Date & Time
  - No Display
- **Auto Power off**
  - ON
  - OFF

Menu Map

6 Settings

- **Normal**
  - Language
  - Input Method
  - Backlight
  - Voice Volume
  - Contrast
  - Auto Keypad Lock
  - Key Tones
  - Anykey Answer
  - Auto Answer
  - Connection Alert
  - Network Beep
  - Restore
- **Call Setting**
  - Own No. Send
  - Divert
  - Barrings
  - Waiting
  - Minute Beep
  - Auto Redial
- **Network**
  - Search Mode
- **Security**
  - PIN Control
  - Change PIN
  - Change PIN2
  - Fixed Dial Control
- **Time Cost**
  - Calling Display
  - Charge Rate
  - Calls Limit

7 Extras

- **Calculator**
- **Games**
  - Redcap
  - Gobang
  - Settings
- **Calendar**
- **Wall Paper**
- **Download**
  - Download Melody
  - Download Picture
- **Menu Color**

Menu Map

8 WAP

- **Homepage**
- **Bookmarks**
  - Connect
  - Edit
  - Rename Bookmark
- **Last Page**
- **Navigation**
- **Clear Cache**
- **Network Settings**
  - Active network settings
  - Edit active network settings
- **History**
  - GSM

9 STK

The availability depends on your network service provider.

Call Functions

Turning your phone ON and OFF

Press and hold for 3 seconds and then release it.

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

When PIN is requested
SIM cards are usually protected with a PIN code.

The PIN code usually comes with your SIM 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 .
3. If you key in a wrong number, press to remove the last digit.
4. If the PIN code entered is incorrect, a warning message will be displayed to notify you of the remaining times for entering the PIN.

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

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

To unblock the SIM card:
1. Key in the PUK code, press (check with your network service provider for the PUK code).
2. Key in a new PIN code, press .
3. Repeat the new PIN code and press .

Note
- The unblock code consists of 8 digits, and is provided with the SIM card. If not, please check with your network service provider for the code.
- If an incorrect PUK code is entered 10 times in succession, the SIM card will be blocked automatically. Please consult your service provider for the SIM card unblocked!

Call Functions

Making calls

1. When in idle mode, key in the area code and phone number. To edit, press to delete the last digit.
2. Press to dial the number.
3. Press to end an active call or stop dialing.

Domestic calls

When in idle mode, key in 02154422999 and press to make the phone call.

International calls

1. When in idle mode, press and hold until a "+" (the prefix for making international call) sign appears, then key in the country code, area code and phone number accordingly.
2. Press to place the call.
3. Press to end an active call to stop dialing.

■ Example:

When in idle mode, key in ＋862154422999 and press to make the phone call.

Making calls via the phone book

1. Press to access the Phone Book directly.
2. Scroll to the desired entry with .
3. Press to make the call.

Redial calls missed, received and dialed

The last 10 phone calls that you dialed, answered or missed are stored in the phone's memory. Perform either of the followings to redial the call.

Redial fast and easy

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

Redial via the menu

1. In idle mode, press and scroll to "Records" with .
2. Press .
3. Select "Recent Calls" and press to view the recently incoming and outgoing calls records. Where:
   - indicates a missed call
   - indicates a received call
   - indicates a dialed call.
4. Scroll to the desired entry with .
5. Press to check the information of the call.
6. Press to continue the next operation with the available options.

Speed dial

In idle mode, hold down the corresponding alphanumeric keys (to) to dial the preset speed dial numbers.

Note

Ensure that you have entered the settings in "Speed Dial".

Calling your voice mailbox

In idle mode, dial the number provided by the network service provider to access the voice mailbox or press and hold to access the voice mailbox directly.

Note

Obtain your voice mail number from the network operator, and ensure that the number is set in"Voice Mail Center".

Call Functions

Answering calls

1. Press to answer an incoming call.
2. Press to refuse an incoming call.

Note
If you have activated the divert call function, any incoming calls will be diverted to specified number. For example, you may divert incoming calls to your voice mail. When an incoming call is refused, the call will be diverted too. Please refer to “Divert”.

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

1. If there is an incoming call while you are already on line, a tone will be heard and a notification message with the caller information will be displayed on the screen.
2. Press to answer the new call. The active call will be automatically placed on hold.
3. Press to refuse the new call.
4. If you want to make a new call while you are on a call, simply key in the number, press to dial the number. The active call will be automatically placed on hold.

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

In-call menu
During a call, you can access to the In-call menu by pressing . Some of the options listed in In-call menu may not be available at a given time and vary depending on your network operator.

■ Functions that are available in normal mode

Mute On
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 will remain on held.
Mute Off
Cancels the mute function.
Hold Signal Call
Places an active call on hold.
Retrieve Signal Call
Resumes the conversation with the call on hold.
End Held Signal Call
Ends the call on hold.
Send SMS
Send short messages that consist of text, built-in picture or melody to another party during calls. For details of this function, refer to "Messages".
Save Number
Saves the important phone number during a conversation if necessary.

■ Functions that are available in call waiting mode

Mute On
For details of this function, please refer to the function described above.
Mute Off
For details of this function, please refer to the function described above.
Swap Call
Switches between active calls and calls on hold when in call waiting mode.
End Held Signal Call
For details of this function, please refer to the function described above.
Send SMS
For details of this function, please refer to the function described above.
Save Number
For details of this function, please refer to the function described above.
Build Multiparty Call
Starts a multiparty conference call with up to 4 participants. For details of this function, refer to “Multiparty”.

■ Functions that are available in multiparty conference call mode. When the multiparty conference call is activated, the phone gives you access to some specific functions. The availability depends on your network operator.

Mute On
For details of this function, please refer to the function described above.
Mute Off
For details of this function, please refer to the function described above.
Hold Multiparty Call
Places the current multiparty conference call on hold.

Retrieve Multiparty Call
Resumes the conversation with the multiparty conference call on hold.
End Held Multiparty Call
Ends the multiparty conference call on hold.
Send SMS
For details of this function, please refer to the function described above.
Save Number
For details of this function, please refer to the function described above.
End One Call In Party
Terminates the connection with one of the participants from the multiparty conference call.
Filter One Call In Party
Chooses a participant from the multiparty conference call for a private conversation.

Multiparty
This option allows a conference call with up to 4 parties. Please check with your network operator for the availability of multiparty conference calls.

1. Make sure that you have established two on-line calls (1 active, 1 on hold), before activating multiparty conference call.
2. Press and select "Build Multiparty Call" to start a multiparty conference call.
3. To add a new participant to the multiparty conference call, perform the following steps:
   (1) Press to answer the new incoming call.
   (2) Press and select "Build Multiparty Call".
4. To release a participant from the conference call, perform the following steps:
   (1) Press and select "End One Call In Party".
   (2) Scroll to the desired party and press .
   (3) Press to release the selected party.
5. To hold a private conversation with one of the participants, perform the following steps:
   (1) Press and select "Filter One Call In Party".
   (2) Scroll to the desired party and press .
   (3) Press separate the desired party from the conference call.

Note
The existing multiparty conference call will then be automatically placed on hold.

6. To end an active conference call, press .

Other operations

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 word "unlock" will be shown on the right soft key.
2. **To unlock the locked keypad**: Press and press to unlock the keypad. This operation must be completed in 3 seconds.
3. **To answer an incoming call while the keypad is locked**: To answer an incoming call, press . To reject an incoming call, press . During calls, your mobile phone operates as if it were unlocked.

Note
Even if the keypad is locked, an emergency call can still be made.

Input text
The F66 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.

Note

- 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, press the corresponding key repeatedly until the required letter or symbol appears. 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 to delete the character to the left of the cursor; press and hold to delete all characters on the screen.

Smart English
Smart English input is a much easier way to input a text message in English. To enter each letter, just

press the corresponding alphanumeric key once. In Smart English input, the alphanumeric keys enter words with a single key press instead of multiple key presses. When the first (or second) character is entered, the display shows the most probable word in the suggestion area. The word you select from the suggestion area will move to the text area.

Using Smart English input

Switch to Smart English input by pressing repeatedly until the desired input style appear.

■ Example

If you want to input “Telephone”, key in the following:

Press the navigation key to select the desired word and press to pick the word.

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 the menu function

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

Returning from menu function

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

The “Phone book” is used to save phone numbers and names in the handset or SIM card. You can save up to 100 entries in the handset or SIM cards. The SIM card capacity may vary depending on the network service provider. When the memory of the SIM card/handset is full, the data will be stored to the handset/SIM card automatically.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Phone book” with .
3. Press to access the menu.

View

You may view the names and phone numbers that have been stored in the handset or the SIM card.

Search Name
1. Press to access the menu.
2. Key in the letter that corresponds to the first letter of the name require in the phone book.
3. Scroll to the desired name or phone number and press to dial the number.

Group
1. Scroll to the desired group and press .
2. Press to dial the number.

Add New

Add a new entry to the handset or the SIM card.
1. Press to access the menu.
2. Key in the area code and the phone number, press .

Note

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.

3. Select either “Quick Save” or “Add Name” and press .
4. If “Quick Save” is selected, the entry will be saved directly to SIM card without editing.
5. If “Add Name” is selected, perform the following steps:
   (1) Key in the name and press .
   (2) Select either “Save To SIM” or “Save To Handset” and press .
   (3) If “Save To SIM” is selected, key in the location to where the entry to be saved and press .
   (4) If “Save To Handset” is selected, key in the location number to where the entry to be saved and press .
   (5) Scroll to the desired group and press .

Copy Records

This option allows you to transfer the entry from handset to SIM card or vice versa.
1. Press to access the menu.
2. Scroll to either “SIM to Handset” or “Handset to SIM” and press .
3. Press to keep the original records after copying, press to cancel copying.

Delete All

This option allows you to delete the data from the phone book in handset or SIM card.
1. Press to access the menu.
2. Scroll to either “SIM All” or “Handset All” and press .

Fixed Dial List

The fixed dial list is to restrict the use of the SIM card. If activated, it is only possible to make calls with phone numbers that have been set in the list and the emergency call number. You may view or add new entry in the list. The PIN2 code is required to adjust this setting.

Speed Dial

This option allows you to set the phone number up to 9 entries for one touch key dialing. When in idle mode, press and hold the corresponding alphanumeric keys to call the designated number.
1. Scroll to a specific key number and press .
2. Scroll to the desired entry in the phone book and press to set the one touch key dialing.

Handset Status

You can check the memory capacity of your handset and SIM card. For example: 45/100 means that there is a total of 100 entries, 45 entries are saved with 55 entries of memory still available. The phone status of SIM card may vary depending on memory capacity of the SIM card.

Own Numbers

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

This menu allows you to send, read and write text messages and voice mailbox as well as other relevant features that are provided by network service provider.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Messages” with .
3. Press to access the menu.

Messages

Inbox

If a new message is received, the icon will be shown at the top of the screen and on the sub-screen. And notification tones will be heard.
After reading, press to access the following options:

■ Delete
Delete the message.

■ Reply
Reply to the message by writing text.
1. Press when finish writing the message.
2. Press to key in the recipient number.
3. Press to send the message.

■ Call Back
Reply to the message by calling. Press to call the person who sends the message.

■ Forward
Forward the received message to others. You are allowed to edit the message before sending.

Note
- The message will be stored in the SIM card (SIM card capacity depends on your network service provider).
- 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 screen, all received messages have been read and there is sufficient memory for new messages.

Outbox

All the saved messages can be found via this option.
1. Press to read the message.
2. After reading, press to continue with the following options:

■ Send
1. Edit the message (if necessary) and press .
2. Use the existing recipient number and press to send the message.
3. Alternatively, you may save the edited message and send it to others.

■ Delete
Delete the message.

Note
You may read through the message by pressing . If the cursor reaches the beginning or ending of the message, you can go on with the previous or the next message by pressing .

Send

You may write messages of up to 700 characters in English. For information on how to input the characters, please refer to “Input text” in “Other operations”.
1. Start composing message.
2. Enter the recipient number manually or press to search for a desired name. For details of the operation, please refer to “Send” in “Outbox”.
3. Press to continue with the next operation. For details information, please refer to “Outbox”.

Note
- If you make a mistake when writing, press to delete the characters to the left of the cursor, press and hold to delete all the characters.
- Before sending any messages, you have to save the message center number in the “Service Center”. Please check with your network operator for the number.

Delete

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

■ Delete Inbox
Delete all the messages in the Inbox.

■ Delete Outbox
Delete all the messages in the Outbox.

■ Delete All
Delete all the messages in both Inbox and Outbox.

Settings
The SMS profile defines the transmission characteristics of the SMS. The availability depends on your SIM card. You may change the profile with the following options.

■ Service Center
Enter or change the phone numbers of the service center supplied by the service provider.

Note
Please check with your network service provider for the number.

■ Voice Mail Center
This option stores the required voice mailbox number for listening to the voice messages.

Note
Please check with your network service provider for the number.

■ Valid Period
This option allows you to set the period which the service center keeps the undelivered message.

■ Status Report
The service center will send you the report of the messages sent.

■ Direct Reply
When activated, the service center of an incoming SMS will be used to directly reply to the SMS and not the SMS number contained in your handset. Availability depends on your network service provider.

Voice Mail
This option allows you to access the voice mailbox directly to listen the voice messages.

Note
Ensure that you have entered the number provided by your network operator in the “Voice Mail Center”.

Broadcast
This option allows you receive the information broadcasted by your network service provider (such as weather forecast or road traffic information). Please contact your network service provider for information on the topics available and its corresponding index.

■ On
Activate the reception of all the topics defined in the list. This function uses up the battery more quickly.

■ Off
Deactivate the broadcast service.

■ Read New CB
Read the new CB messages up 10 entries. If the CB messages received exceed the maximum number, the new message will replace the oldest message.

■ TopicList
View the broadcasting topic list or add a new topic to the list.
You can add and set an unrestricted topic to this personal list by choosing from the topics index. You can preset 15 entries with their index number (ID) and rename 5 of them, if necessary. You may activate 10 topics at a time.

To add a new topic:
1. Scroll to “<New Topic>” and press .
2. Enter the index of the topic and press .
3. Enter the name of the topic and press .

To edit an existing topic:
1. Scroll to the desired topic and press .
2. Continue the next operation with the available options, such as “Deactivate”, “Edit”, “Delete” and “View ID”.

■ Auto Display
If activated, the CB messages will be displayed automatically and displayed longer messages in scrolling mode.

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

WAP PUSH

This function allows services to send information proactively to mobile subscribers. WAP Push is an SMS within the header of which is included a link to a WAP address. On receiving a WAP Push, the compatible mobile handset automatically gives the user the option to access the WAP content on his handset. The WAP Push directs the end-user to a WAP address where content is stored ready for viewing or downloading onto the handset. This WAP address may be a page or a WAP site.

WAP Push applications are being used in the delivery of mobile related content such as polyphonic ring tones, java mobile games, applets, weather forecasts and stock price alerts, colour screensavers, and picture messages, incoming email alerts and advertising campaigns.

Service Indication

This function signals an event of which the client should be get informed and have a message and a URL to a WML page where more information can be retrieved sent with the message.

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

Some of the functions require the PIN 2 code in order to access them. For information on the PIN 2 code, please refer to “Security”.

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

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Records” with .
3. Press to access the menu.

Recent Calls
You may view the call records of the phone. The phone calls that you have dialed, answered or not answered are listed for your review.
1. Press to dial the selected number.
2. Press to continue with the further operation.

Note
If a number existed several times, only the last entry will be shown on the list.

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

Call Register
This option provides you the information on the call duration, call cost and the balance.

Call Timer
After accessing to this menu, press to view the information on call duration of last call, outgoing and incoming calls, and the total time of both outgoing and incoming calls.

Call Cost
Provides you the information on the accumulated call charges.

Call Balance
Provides you the information on the call cost limit and balance.

Note
Availability depends on the settings in “Time Cost” in “Settings”.

Ringer

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

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Ringer” with .
3. Press to access the menu.

Volume

This option allows you to set the level of the ringing volume by choosing from 5 levels with to increase or decrease the volume.

Ringer Type

The ringing tone can be set for 8 specific categories, which are “Any Call”, “Phonebook Calls”, “Group Calls”, “Alarm”, “Message”, “Broadcast”, ”Power On Music” and “Power Off Music”. For “Any Call”, “Phonebook Calls”, “Group Calls” and “Alarm”, the available ringing tone for setting are the 7 built-in tones and 1 downloaded melodies (if available) or decide not to set any ringing tones.
For “Message” and “Broadcast”, the available ringing tones for setting are the 2 built-in ringing tones or decide not to set any ringing tones.
For power on/off music, you can select whether or not to set any ringing tones. Scroll to the music and press to confirm the setting, press to cancel the setting.

Call Alert

This option allows you to set the way the hand phone prompts you when there is an incoming call.

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

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to "Clock" with .
3. Press to access the menu.

Alarm

Sets the handset to ring at a specific time with the desired ring tone.
1. Scroll to "ON" and press .
2. Scroll to either "Once", "Everyday" or "Working Day" and press .

Note
When the alarm goes off and no action is taken, the alarm will ring for 1 minute. Press any key to stop the alarm.

Time & Date Setting

Set the appropriate date and time for the phone, using the following format DD/MM/YYYY where DD is for day, MM is for month and YYYY is for year.
1. Press to set the date and time.
2. Key in the appropriate day, month and year.
3. Key in the appropriate time using the format HH:MM:SS, where HH is for hour, MM is for minute and SS is for second.
4. Press to confirm the setting.

Note
Please reset the date and time if the battery has been detached for an extended period.

Display Mode

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

Date Only
It displays the date only on the LCD display when the phone is idle.

Time Only
It displays the time only on the LCD display when the phone is idle using either "12 Hour" or "24 Hour" format.

Date & Time
It displays both the date and time on the LCD display when the phone is idle using either "12 Hour" or "24 Hour" format.

No Display
No date or time is displayed on the LCD display when the phone is idle.

Auto Power off

You may set the phone to switch off automatically at a specific time.
1. Scroll to "ON" and press .
2. Scroll to either "Once" or "Everyday" and press .
3. Key in the time for shutting down using the HH:MM format, where HH is for hour and MM is for minute.

Note
Before the phone switches off, the message "Auto Power Off" will appear. 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. The availability of some of the functions depends on your network service provider.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Settings” with .
3. Press to access the menu.

Normal

This menu provides you the following options:

Language
This option allows you to change the language for display message. Languages vary upon the language package used.

Input Method
A number of input styles are provided to organize the phone book or write message. For detailed information, please refer to “Input text”.

Backlight
This option allows you to turn the LCD and keypad illumination on.
You may set the duration of the illumination with the available options or you can define the time by yourself (ranges from 10 – 99 seconds).

Voice Volume
Set the earpiece volume at 5 levels.

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

Auto Keypad Lock
This option allows you to lock the keypad automatically to prevent the keys from being accidentally pressed.

Key Tones
This option allows you to set the keypad to make sound at each key press.

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

Auto Answer
If activated (with headset connected), any incoming call will be answered automatically without any ringing or vibrating.

Connection Alert
This option allows you to set the way the handset prompts you of the phone connection.

Network Beep
When activated, the handset will prompt you of the network registering when powering on.

Restore
Restores some of the functions set in the phone to their original configuration, except that the PIN code and the PIN2 code. The data stored in the phone book will not be affected. For detailed information on factory default settings, refer to the table below.

Call Setting

You may set the functions related to the network service. The availability of the functions depends on your network service provider.

Own No. Send
Chooses whether or not your phone number is sent to the called party.

Note
The availability depends on your network service provider. If not available, any outgoing call is impossible when deactivated.

Divert
This option is set to divert incoming calls to the voice mailbox or another phone number, so as not to miss any important calls.
There are 5 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.
Unconditional
Automatically divert all incoming calls.

Unanswered
Divert incoming calls when line is busy, no reply or no response. If activated, the “When Busy”, “No Reply” and “No Response” divert settings are activated automatically.

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

No Reply
Divert all incoming calls if there is no answer.

No Response
Divert all incoming calls when your phone is turned off or out of coverage.

Clear All
Cancels all the call divert functions.

Barrings
This option provides SIM card restrictions when making or answering calls. A network access code is required to set all the barring functions (you must contact your network service provider).

It contains 5 different barring modes and you can activate, cancel or check its current status.

All Outgoing
You are not able to make any outgoing calls. Only incoming calls can be accepted.

Outgo International
You are not able to make any outgoing international calls. Incoming calls can still be accepted.

Outgo International Except Home
When abroad, you can only call the numbers within that country or call to home country (i.e., the country where the phone is registered).

All Incoming
If activated, you are not able to receive any incoming calls.

All Incoming When Roaming
No incoming calls will be permitted while roaming.

Clear All
Cancel all the call restriction function.

Waiting
This option alerts you of an incoming call while already on line. When activated, a tone will be heard and the caller’s number will be shown on the main and sub-display to notify you of a new incoming call.

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

Auto Redial
When activated, the phone will redial automatically for unsuccessful call. It will repeatedly dial the number at a fixed interval increment up to 10 attempts. Any other use of the handset will cancel this function. Press to cancel the dialing attempt.

Network

This is a networks related option. It allows you to

register with, search or select the available network and some of the relevant settings.

Search Mode
The default setting is “Auto Search”. It usually searches for the network operators using the priority network list stored in SIM card.

Auto Search
When using auto search mode to search for the networks, your phone will register with the priority network list stored in your SIM card. Alternatively, you can register with the network manually. Always select the network operator that has a roaming agreement with your network operator in your region/country.

Manual Search
When using the manual search mode to search for the networks, always select the network operator that has a roaming agreement with your network operator in your region/country.
After selecting “Manual Search” mode, the mobile will stay remain in “Manual Search” mode until the mode is changed or a new SIM card is replaced.

Note
If you are not familiar with the network operator, strongly recommended that you select “Auto Search” mode.

Security

You can change your PIN code, PIN2 code or set whether or not the PIN code is requested when powering on to protect you against any unauthorized uses of your SIM card and certain other features.

PIN Control
You are allowed to set a password to protect the SIM 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.

Change PIN
You can change the PIN code periodically in this option.

Change PIN2
You can change the PIN2 code periodically in this option. The PIN2 code is usually provided with the SIM card. If this is not the case, please check with your network service provider.

Fixed Dial Control
This option allows you to set fixed dial number. If activated, it is only possible to make calls with phone numbers that have been set in this function. The PIN2 code is required to adjust this setting.

Time Cost

This option allows you to set the following options:
Calling Display
This option shows you the information on call duration during calls.

Charge Rate
Your phone will display the call cost according to the number of units, the charge rate per unit, the currency, and the exchange rate. The PIN2 code is required to set the charge rate. Please check with your network service provider for the actual rate.

Calls Limit
This option allows you to set the limit of your call cost. The PIN2 code is required to adjust this setting. If the phone call charges exceed the limitation, any outgoing call is not allowed.

This option provides additional options to enable user to personalise the phone. It may be used to simplify the handset and includes a calculator, a calendar, and even offers the possibility of playing games, set up wallpaper, logo and the bottom color of menu.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Extras” with .
3. Press to access the menu.

Calculator

This option allows you to make simple calculations. Due to the limitation of accuracy, round-off error may occur during division and any number that exceeds 8 digits is not allowed.

Press	To
to	input number.
	input decimal.
	input negative or positive
	input the operation factors such as +,-,* and /.
	erase whole entry or restart a new calculation.
	backspace
	get the result after inputting.
	exit calculator menu.

Games

This menu offers you some interesting games.

Redcap
1. Select whether or not to read the brief help text.
2. Input the desired level of the game before starting.
3. Press , , or to go up, down, left or right.
4. Press to undo the previous step.

Gobang
1. Select whether or not to read the brief help text.
2. Select the difficult level of the game before starting the game.
3. Press to start playing.
4. Press , , or to move the chessman up, down, left and right.
5. Press to place the chessman and press to undo the previous step.

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

Settings

For more enjoyment, you can activate the “Sounds” and “Vibrator” function.

Note
Press to exit the game while playing.

Calendar

This option can be used to look up a date. Key in the year and month you would like to check or simply press and browse the date with . The years for looking up are ranging from January, 0 to December, 9999.

Wall Paper

This option offers you the possibility to set up a specific picture for the handset background.

Download

This option allows you to download any favorite melody or picture by preferences to replace the operator name that shown on the idle display or set it as the incoming call alert. The format supported for melody and picture are MIDI and bmp, wbmp, gif or jpg respectively.

Note
The availability of the download function depends on the local network service provider.

Menu Color

This option allows you to set the bottom color of the display by preference.

WAP

WAP (Wireless Application Protocol) is a global wireless protocol specification for mobile wireless terminals. WAP enables you to subscribe to certain Internet services, for example: banking services, news, weather forecast, flight schedules etc.

Note

- You need to subscribe to the data transmission and WAP browsing services via your network service provider in order to access WAP services.
- WAP web page adapts the Wireless Mark-up Language (WML) technology. Web pages that employ Hyper-Text Mark-up Language (HTML) are not supported.

In idle mode, proceed as follows:

1. Press to enter the main menu.
2. Scroll to “WAP” with .
3. Press to access the submenu.

Basic steps for activating and accessing WAP service

The following section introduces the basic steps for accessing and browsing the web.

Activation of WAP service

Before using the WAP service, you need to activate the WAP connection profile first.

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Network Settings” menu and press .
4. Select “Active network settings” and press .
5. Scroll to the desired profile with and press .

Accessing the WAP service

You may connect to the website in either of the following ways.

■ Accessing via the homepage

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Homepage” and press .

Note

Only if a WAP website is set as homepage before.

■ Accessing via bookmark

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Bookmarks” and press .
4. Scroll to the desired bookmark (if you bookmark a website before) with and press .
5. Scroll to “Connect” and press to start connection.

Note

If the selected bookmark is not available as desired, select another profile and perform the procedures described in “Activation of WAP service” again.

■ Accessing via navigation

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Navigation” and press .
4. Enter the URL of the Website (use , or to key in any special character).
5. Press to link to the web page.

Note

- You may skip the prefix of the URL (i.e. http://).
- Press and hold to exit the website that you are visiting.
- Please check with your network operator or service provider for the information on WAP settings.

Homepage

This option has connectivity with WAP. It connects to the homepage that you have set.

Bookmarks

This option allows you to store up to 10 WAP URLs as bookmarks in your handset memory.

Scroll to the desired bookmark and press to continue with the following options:

Connect

Link to the website that you have set the URL. Press to start the connection.

Edit

Enter the URL for the website you want to connect to.

Rename Bookmark

Change the bookmark name.

Last Page

It takes you directly to the WAP URL that you connected to last time.

Navigation

You may key in the URL that you want to connect to.

Empty Cache

This option allows you to clear the buffer memory of the handset.

Cache is a buffer storage that is used to store the data or web page that you have visited temporarily, so that you can connect to the web site quickly and easily next time.
Always clear the cache after you have visited any web page that needs a personal identification number, for example, bank account.

Network Settings

Active network settings

This option allows you to activate the connection profile you want.

1. Press to enter the “Active network settings” menu.
2. Select the desired profile you want to connect.
3. Press to activate the connection profile.

Edit active network settings

This option allows you to key in all the required parameter settings, such as profile name, homepage, IP address, IP port, data call type, according to the information you have received from your network operator. The availability and configuration may vary, dependent on your network operator.
You may edit the following items:

■ Profile Name

Key in the name of the connection profile.

■ Homepage

Key in the URL of the homepage (if desired).

■ GSM Settings

1. **IP Address**: Input the IP address offered by your network operator.
2. **IP Port**: Set the IP port.
3. **Data Call Type**: Select either “Analogue” or “ISDN”.
4. **Phone Number**: Key in the phone number required to connect to WAP service.
5. **User Name**: Key in the name of the user required to connect to WAP service.
6. **Password**: Key in the password to connect to WAP service.

History

This option allows you to view the records of your connection to the GSM.

GSM

Press to access the following options:

■ Last Record

Check the visiting time of the last connection.

■ Total Record

Check the total time of the connection.

■ Clear Record

Clear the timer record of the connection time.

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

For availability, rates and information on using the SIM 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 an 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 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 SIM card. The access codes allow you to avoid unauthorized use of your phone and SIM card.

PIN code

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

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

PIN2 code

This code is supplied with the SIM cards and is required to access certain functions, such as accumulated costs. If your SIM card supports those particular functions, you can activate them in your handset. If you enter an incorrect PIN2 code three times in succession, 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 SIM 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 SIM card is no longer valid.

Contact your network service provider to replace the SIM card.

PUK2 code

The PUK2 code is used to unblock and change the locked PIN2 code. This code is supplied with the SIM. If you enter an incorrect PUK code ten times in succession, the functions that require PIN2 code in order to be activated will no longer valid.

Contact your network service provider to replace the SIM card.

Reference Information

EFR encoding decoder function

The F66 model (GSM/DCS) is equipped with the latest encoding decoder and audio frequency technology, to achieve superior audio quality.

At present, there are 3 types of encoding decoder applied to GSM/DCS:

- Enhance full rate (EFR)
- Full rate (FR)
- Half rate (HR）

The F66 model (GSM/DCS) mobile phone supports the normally used EFR and FR encoding decoder.

All GSM and DCS cellular networks and phones support FR encoding decoder.

If supported by the network operator, then the network operator will automatically select the relevant encoding decoder, which will be either EFR or FR.

The F66 model is programmed to automatically select the EFR where this is supported by the network, allowing you to enjoy the superior audio quality provided by EFR. Otherwise the phone will select FR.

At present, only some networks support both the FR and EFR encoding decoder.

If the network operator cannot support EFR, the F66 model (GSM/DCS) mobile phone will automatically adopt the FR encoding decoder.

Accessories

The accessories for the F66 model (GSM/DCS) mobile phone include battery, charger and etc. Please refer to “Battery Charging” for battery charging method.

Battery

At present, the rechargeable battery approved by the manufacturer is the lithium battery (LI-ION).

The standby time for a new battery is about 50-150 hours. The capacity of a battery may vary depending on the environment, networks, SIM card or options available.

Charger

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.

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

Problem Solving

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

a. Check that the SIM card is correctly installed.
b. Ensure that the gold chip is not damaged or scratched.
c. Check the SIM card contact. 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. Enter the wrong PIN code three times in succession, the SIM 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 detail.

4. Your correspondent cannot hear you.

a. Check that the network signal strength is normal and try again.
b. Check that the microphone is unmuted.
c. Holding the phone closer 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 you are in an area of variable coverage. This uses extra battery power.
b. Ensure that the using environment is not in extreme temperatures. At extreme hot or cold temperatures, battery performance is significantly reduced.

8. The LI-ION battery was being charged overnight.

It is strongly recommended that not to charge the battery for more than 24 hours. It may decline the battery performance or cause damage to the battery.

9. The headset starts beeping.

The signal is weak or out of coverage.

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DBTEL

F10

USER MANUAL

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DBTEL Incorporated reserves the right to make changes in technical and product specifications without prior notification.

Address: No.29, Tzu Chiang St, Tu-Cheng, Taipei, Taiwan.

Website: http://www.dbtel.com.tw

Warning: Use only approved accessories and battery. Do not connect to any incompatible products; otherwise, it will invalidate the recognition or 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.

Technical specifications and certain features are subject to change in technology, design, software upgrade and availability.

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: 0.42 W/kg
Body: 0.60 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 Elektringenieure (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 the handset properly.

SAR Radiation Limit: 2.0 W/Kg

Tested SAR Rating: 0.698 W/Kg

Safety Information

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

Compliance with International standard

SAR Radiation Limit: 2.0 W/Kg

Tested SAR Rating: 0.698 W/Kg

Product Safety

Product Safety is always the first priority of DBTEL Incorporated. With the SAR Safety Certificate, we show our persistence in making customer safety the paramount importance.

R&TTE Directive requirements

A declaration of conformity to the essential requirements.

Identification of the European countries 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 F10 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC ”.

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European Union - SAR

SAR (European Union)

This Model phone meets the EU 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 Council of the European Union. 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 organisations 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 the Council of the European Union is 2.0 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 the European R&TTE directive 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 0.698 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirement for RF exposure.

** The SAR limit for mobile phones for public use is 2.0 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

Road safety

Exercise proper control of the car at all times. Do not use handheld phones while driving, and always use the hands free kit.

Special regulations

Always switch off your mobile wherever use is prohibited, such as hospitals, as it may cause interference to medical equipments.

Electronic devices

Mobile phones can interfere with appliances such as computers, televisions and other radio equipments.

Other medical devices

Mobiles phones can interfere with signals of personal medical devices, such as pacemaker or hearing aid. Consult your doctor for advice before using the mobile.

Aircraft

The use of mobile phones 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 invalidate any warranty applying to your mobile phone and may be dangerous.

Disposal

Your mobile phone and other accessories must be disposed of properly. They must not be thrown away in municipal 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 areas petrol stations and chemical plants.

Emergency calls

Make sure your phone is switched on and in a service area with adequate reception.

When in idle mode, key in the emergency call number 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.

Note

- Even when the keylock is activated, emergency calls can still be made.
- If a PIN is set when switching on the mobile phone with SIM card inserted, you will be asked for the PIN code. Any emergency call can be made without entering the PIN code. Press followed by to make an emergency call.

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 opened views of the F10 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 key
6. Call key
7. Alphanumeric keys
8. Charger port /Earphone jack/data downloading port

Specification

Dimension (with battery pack)
80 (L) x 42 (W) x 22 (D) mm
Weight (with battery pack)
71.5g

Key description

The following tables provide you with a description of the keys on the keypad.

Function key table

KEY	FUNCTIONS
	Soft key ● Follow the prompt on the screen, press to access the following options: “Menu”, “OK”, “Options” or “View”, etc. ● Press to access the In-call menu during a call.
	Clear key/Phone Book access key ● Follow the prompt on the screen, press to access the following options: “Names”, “Clear” or “Back”, etc. ● When in idle mode, press to access the phone book directly to search for a required name for dialing.
	Navigation key ● Press vertically to scroll through the lists when accessing menus. ● Press vertically to move the cursor left and right during the editing of words. ● In idle mode, press up to access Ringing Tone menu, press down to access the quick access menu, which includes 9 commonly accessed functions, such as Alarm, Backlight, Input Method, Wall Paper, Calculator, Calendar, Games, Auto Answer, Speed Dial.
	Call key ● Press to place a call or answer an incoming call. ● In idle mode, press to view the latest dialed, received and missed phone call list. Each list contains 10 entries. ● Press and hold to enable the hands free function.
	Power key/ End call key ● In idle mode, press and hold to

	turn the phone on and off.
0 to 9	**Alphanumeric key** ● Press to key in digits, letters or special characters. Its functions may vary according to the available menu.
* and #	**Symbol key** ● Press to key in the symbols displayed on the key. Its functions may vary according to the available menu.

Display indicators

The following tables provide you the indicators shown on the both main and sub LCD display.

Status indicators on main display

A number of status indicators are shown at the top of the screen to tell you of the relevant settings of your handset. Some of the icons listed below may not be available at a given time and vary depending on your local network operator.

Network Search DEC/31 03:21 Menu Names	**Idle display**. Shown when the phone is not in use.
	Network. Shown with the signal strength to indicate the network status. If no signal strength is shown, it indicates that it is searching for the network.
	Battery charge indicator. The more bars that are shown, the more power is available in the battery.
	Signal strength. The more bars shown, the better the signal strength.
	Roaming. Shown when registered with a system other than the original one (Inter-system Roaming).
	Short message. Shown when there is an unread incoming text message. Flashes when the memory is full.
	Missed call. Shown when there is an unanswered incoming call.
	Silencer. Shown when the incoming call alert is set to quiet.
	Vibrator. Shown when the incoming call alert is set to vibrate alert.
	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.
	Beep Only. Shown when the incoming call alert is set to “Beep Only”.

Backlight

When pressing a key or answering incoming call, the backlight will automatically turn on for 10 to 30 seconds or you can define the backlight duration (ranges from 1 – 99 seconds) by preference. For information on the setting, please refer to “Normal” in “Settings”.

.

Installation

Installation of the SIM card and the battery

Note

- Keep the SIM card and batteries out of the reach of small children.
- Before proceeding, ensure that the phone is switched off if a battery has been installed.

1. Press the battery cover catch downwards at the top of the handset with one hand and remove the battery cover with the other hand.
2. Push the battery upwards and remove the battery from the battery slot.
3. Insert the SIM card into the SIM cardholder, ensuring that the angled corner is on the lower left-hand side with the gold metallic contact surface facing downward.
4. Replace the battery with its catch pins inserted into the catch slots and press down until it is firmly seated in the battery slot. Then replace the battery cover and press down the battery cover catch until it clicks into place.

Removal of the SIM card and the battery

Repeat the same procedures described in the “Installations of the SIM card and the battery” to remove the SIM card and the battery.

Note

You may access the following functions before inserting the SIM card: Alarm, Date & Time Setting, Calculator, Games, Calendar and Wall Paper.

Battery Information

Battery charging

Note
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 starts scrolling. The charging message will be displayed after connecting it to the power supply if the handset is switched off. An icon indicating the charging is in progress is shown on the sub display regardless of whether the handset is switched off or on.
3. When the battery is fully charged, the battery indicator will stop scrolling.
4. If the battery is completely flat with the handset switching off, the charging message will take a few minutes to appear after connecting it to the power supply.

Note
- You can use the phone, if switched on, while it is charging.
- While charging, make sure that 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, otherwise it may cause damage to your phone.

Battery specification

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

Notice on battery charging and discharging

1. Your phone is powered by a rechargeable battery.
2. Use only the specified charger supplied by manufacturer for charging. Any other type of charger may be dangerous.
3. Please note that the new battery will only reach its best performance after being fully charged and discharged 2 or 3 times.
4. 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.
5. An environment with extremely high or low temperatures will affect the battery charging. Optimum charging will be achieved in moderate temperatures.
6. If the indicator of the desktop charger does not light up or keep 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 power is low, with only a few minutes of calling time left, the handset will warn you with an alert tone and the “Battery Low” message will be displayed.

Use of battery

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

Battery disposal

Do not dispose of the battery in a fire. This may cause a serious risk of explosion and/or release 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

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 SIM 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

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

Making calls fast and easy

In idle mode, press to access to the phone book directly. Scroll to the desired name with and press to make the call.

Answering calls

Press to answer a call.

Terminating calls

Press to end the active call.

Refusing calls

Press to refuse an incoming call.

Emergency calls

In idle mode, key in the emergency call number and press to contact the emergency services center.

Redialling

Press to view the recently dialed, answered or missed phone numbers up to 10 entries each. Scroll to the desired number with and press to make the call.

Speed dial

Press and hold the alphanumeric keys (to) to call the phone numbers set in “Speed Dial” which is up to 9 entries.

Phone Book Functions

Add new

Adding new numbers and names to handset or SIM card.

1. In idle mode, key in the area code and the phone number, press .
2. Scroll to either “Quick Save” or “Add Name” and press .
3. If “Quick Save” is selected, the data entered will be displayed for checking, press to confirm the setting.
4. If “Add Name” is selected, perform the following steps:
   (1) Key in the name and press .
   (2) Select either “Save To SIM” or “Save To Handset” and press .
   (3) If “Save To SIM” is selected, key in the location number to where the entry to be saved and press .
   (4) If “Save To Handset” is selected, select the desired group and press . The data entered will be shown on the LCD display.
   (5) Press to confirm the setting.

Keypad Lock

Lock keypad

In idle mode, press and hold to lock the keypad.

After locking the keypad, the word “unlock” will be shown on the right soft key.

Unlock keypad

Press and press accordingly to unlock the keypad.

Other Functions

Clear screen

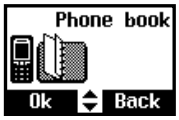
Press and hold to clear an entry that you are editing.

Adjusting the earpiece volume

You can adjust the earpiece volume by pressing the navigation key up or down during a call.

Menu Map

1 Phone book



- **View**
  - Search Name
  - Group
- **Add New**
  - Quick Save
  - Add Name
- **Copy Records**
  - SIM to Handset
  - Handset to SIM
- **Delete All**
  - SIM All
  - Handset All
- **Fixed Dial List**
  - View List
  - Add New
- **Speed Dial**
  - Edit
  - Delete
- **Handset Status**
- **Own Numbers**
  - Edit
  - Delete

2 Messages

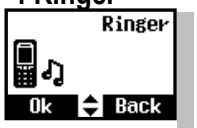
- **Messagess**
  - Inbox
  - Outbox
  - Send
  - Delete
  - Settings
  - Voice Mail
  - Broadcast
  - Capacity
- **WAP PUSH**
  - Service Indication

3 Records

- **Recent Calls**
  - Dial
  - Quick Save
  - Add Name
  - Delete
- **Clear Logs**
  - Outgoing Call
  - Incoming Call
  - Missed Call
  - Clear All
- **Call Register**
  - Call Timer
  - Call Cost
  - Call Balance

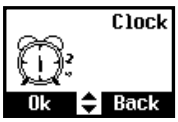
Menu Map

4 Ringer



- **Volume**
- **Ringer Type**
  - Any Call
  - Phonebook Calls
  - Group Calls
  - Alarm
  - Message
  - Broadcast
  - Power On Music
  - Power Off Music
- **Call Alert**
  - Vibrator Only
  - Ringer Only
  - Vibrator & Ringer
  - Vibrator Then Ringer
  - No Ringer & Vibrator
  - Beep Only

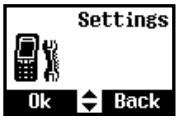
5 Clock



- **Alarm**
  - ON
  - OFF
- **Time & Date Setting**
- **Display Mode**
  - Date Only
  - Time Only
  - Date & Time
  - No Display
- **Auto Power off**
  - ON
  - OFF

Menu Map

6 Settings



- **Normal**
  - Language
  - Input Method
  - Backlight
  - Voice Volume
  - Contrast
  - Auto Keypad Lock
  - Key Tones
  - Anykey Answer
  - Auto Answer
  - Connection Alert
  - Network Beep
  - Restore
- **Call Setting**
  - Own No. Send
  - Divert
  - Barrings
  - Waiting
  - Minute Beep
  - Auto Redial
- **Network**
  - Search Mode
- **Security**
  - PIN Control
  - Change PIN
  - Change PIN2
  - Fixed Dial Control
- **Time Cost**
  - Calling Display
  - Charge Rate
  - Calls Limit

7 Extras

- **Calculator**
- **Games**
  - Redcap
  - Gobang
  - Settings
- **Calendar**
- **Wall Paper**
- **Download**
  - Download Melody
  - Download Picture

Menu Map

8 WAP

- **Homepage**
- **Bookmarks**
  - Connect
  - Edit
  - Rename Bookmark
- **Last Page**
- **Navigation**
- **Clear Cache**
- **Network Settings**
  - Active network settings
  - Edit active network settings
- **History**
  - GSM

9 STK

The availability depends on your network service provider.

Call Functions

Turning your phone ON and OFF

Press and hold for 3 seconds and then release it.

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

When PIN is requested
SIM cards are usually protected with a PIN code.

The PIN code usually comes with your SIM 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 .
3. If you key in a wrong number, press to remove the last digit.
4. If the PIN code entered is incorrect, a warning message will be displayed to notify you of the remaining times for entering the PIN.

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

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

To unblock the SIM card:
1. Key in the PUK code, press (check with your network service provider for the PUK code).
2. Key in a new PIN code, press .
3. Repeat the new PIN code and press .

Note
- The unblock code consists of 8 digits, and is provided with the SIM card. If not, please check with your network service provider for the code.
- If an incorrect PUK code is entered 10 times in succession, the SIM card will be blocked automatically. Please consult your service provider for the SIM card unblocked!

Call Functions

Making calls

1. When in idle mode, key in the area code and phone number. To edit, press to delete the last digit.
2. Press to dial the number.
3. Press to end an active call or stop dialing.

Domestic calls

When in idle mode, key in 02154422999 and press to make the phone call.

International calls

1. When in idle mode, press and hold until a "+" (the prefix for making international call) sign appears, then key in the country code, area code and phone number accordingly.
2. Press to place the call.
3. Press to end an active call to stop dialing.

■ Example:

When in idle mode, key in ＋862154422999 and press to make the phone call.

Making calls via the phone book

1. Press to access the Phone Book directly.
2. Scroll to the desired entry with .
3. Press to make the call.

Redial calls missed, received and dialed

The last 10 phone calls that you dialed, answered or missed are stored in the phone's memory. Perform either of the followings to redial the call.

Redial fast and easy

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

Redial via the menu

1. In idle mode, press and scroll to "Records" with .
2. Press .
3. Select "Recent Calls" and press to view the recently incoming and outgoing calls records. Where:
   - indicates a missed call
   - indicates a received call
   - indicates a dialed call.
4. Scroll to the desired entry with .
5. Press to check the information of the call.
6. Press to continue the next operation with the available options.

Speed dial

In idle mode, hold down the corresponding alphanumeric keys (to) to dial the preset speed dial numbers.

Note

Ensure that you have entered the settings in "Speed Dial".

Calling your voice mailbox

In idle mode, dial the number provided by the network service provider to access the voice mailbox or press and hold to access the voice mailbox directly.

Note

Obtain your voice mail number from the network operator, and ensure that the number is set in"Voice Mail Center".

Call Functions

Answering calls

1. Press to answer an incoming call.
2. Press to refuse an incoming call.

Note
If you have activated the divert call function, any incoming calls will be diverted to specified number. For example, you may divert incoming calls to your voice mail. When an incoming call is refused, the call will be diverted too. Please refer to “Divert”.

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

1. If there is an incoming call while you are already on line, a tone will be heard and a notification message with the caller information will be displayed on the screen.
2. Press to answer the new call. The active call will be automatically placed on hold.
3. Press to refuse the new call.
4. If you want to make a new call while you are on a call, simply key in the number, press to dial the number. The active call will be automatically placed on hold.

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

In-call menu
During a call, you can access to the In-call menu by pressing . Some of the options listed in In-call menu may not be available at a given time and vary depending on your network operator.

■ Functions that are available in normal mode

Mute On
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 will remain on held.
Mute Off
Cancels the mute function.
Hold Signal Call
Places an active call on hold.
Retrieve Signal Call
Resumes the conversation with the call on hold.
End Held Signal Call
Ends the call on hold.
Send SMS
Send short messages that consist of text, built-in picture or melody to another party during calls. For details of this function, refer to "Messages".
Save Number
Saves the important phone number during a conversation if necessary.

■ Functions that are available in call waiting mode

Mute On
For details of this function, please refer to the function described above.
Mute Off
For details of this function, please refer to the function described above.
Swap Call
Switches between active calls and calls on hold when in call waiting mode.
End Held Signal Call
For details of this function, please refer to the function described above.
Send SMS
For details of this function, please refer to the function described above.
Save Number
For details of this function, please refer to the function described above.
Build Multiparty Call
Starts a multiparty conference call with up to 4 participants. For details of this function, refer to “Multiparty”.

■ Functions that are available in multiparty conference call mode. When the multiparty conference call is activated, the phone gives you access to some specific functions. The availability depends on your network operator.

Mute On
For details of this function, please refer to the function described above.
Mute Off
For details of this function, please refer to the function described above.
Hold Multiparty Call
Places the current multiparty conference call on hold.
Retrieve Multiparty Call
Resumes the conversation with the multiparty conference call on hold.

End Held Multiparty Call
Ends the multiparty conference call on hold.
Send SMS
For details of this function, please refer to the function described above.
Save Number
For details of this function, please refer to the function described above.
End One Call In Party
Terminates the connection with one of the participants from the multiparty conference call.
Filter One Call In Party
Chooses a participant from the multiparty conference call for a private conversation.

Multiparty
This option allows a conference call with up to 4 parties. Please check with your network operator for the availability of multiparty conference calls.

1. Make sure that you have established two on-line calls (1 active, 1 on hold), before activating multiparty conference call.
2. Press and select "Build Multiparty Call" to start a multiparty conference call.
3. To add a new participant to the multiparty conference call, perform the following steps:
   (1) Press to answer the new incoming call.
   (2) Press and select "Build Multiparty Call".
4. To release a participant from the conference call, perform the following steps:
   (1) Press and select "End One Call In Party".
   (2) Press .
5. To hold a private conversation with one of the participants, perform the following steps:
   (1) Press and select "Filter One Call In Party".
   (2) Press .

Note
The existing multiparty conference call will then be automatically placed on hold.

6. To end an active conference call, press .

Other operations

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 word "unlock" will be shown on the right soft key.
2. **To unlock the locked keypad**: Press and press to unlock the keypad. This operation must be completed in 3 seconds.
3. **To answer an incoming call while the keypad is locked**: To answer an incoming call, press . To reject an incoming call, press . During calls, your mobile phone operates as if it were unlocked.

Note
Even if the keypad is locked, an emergency call can still be made.

Input text
The F10 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. Press and hold to switch between the smart input and normal input.

Note

- 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, press the corresponding key repeatedly until the required letter or symbol appears. 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 to delete the character to the left of the cursor; press and hold to delete all characters on the screen.

Smart English
Smart English input is a much easier way to input a text message in English. To enter each letter, just

press the corresponding alphanumeric key once. In Smart English input, the alphanumeric keys enter words with a single key press instead of multiple key presses. When the first (or second) character is entered, the display shows the most probable word in the suggestion area. The word you select from the suggestion area will move to the text area.

Using Smart English input

Switch to Smart English input by pressing "*" repeatedly until the desired input style appear.

■ Example

If you want to input "Telephone", key in the following:

8 TUV → DEF 3 → 5 JKL → DEF 3 → 7 PQRS

Press the navigation key to select the desired word and press OK to pick the word.

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 the menu function

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

Returning from menu function

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

The “Phone book” is used to save phone numbers and names in the handset or SIM card. You can save up to 100 entries in the handset or SIM cards. The SIM card capacity may vary depending on the network service provider. When the memory of the SIM card/handset is full, the data will be stored to the handset/SIM card automatically.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Phone book” with .
3. Press to access the menu.

View

You may view the names and phone numbers that have been stored in the handset or the SIM card.

Search Name
1. Press to access the menu.
2. Key in the letter that corresponds to the first letter of the name require in the phone book.
3. Scroll to the desired name or phone number and press to dial the number.

Group
1. Scroll to the desired group and press .
2. Press to dial the number.

Add New

Add a new entry to the handset or the SIM card.
1. Press to access the menu.
2. Key in the area code and the phone number, press .

Note
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.

3. Select either “Quick Save” or “Add Name” and press .
4. If “Quick Save” is selected, the entry will be saved directly to SIM card without editing.
5. If “Add Name” is selected, perform the following steps:
   (1) Key in the name and press .
   (2) Select either “Save To SIM” or “Save To Handset” and press .
   (3) If “Save To SIM” is selected, key in the location to where the entry to be saved and press .
   (4) If “Save To Handset” is selected, key in the location number to where the entry to be saved and press .
   (5) Scroll to the desired group and press .

Copy Records

This option allows you to transfer the entry from handset to SIM card or vice versa.
1. Press to access the menu.
2. Scroll to either “SIM to Handset” or “Handset to SIM” and press .
3. Press to keep the original records after copying, press to cancel copying.

Delete All

This option allows you to delete the data from the phone book in handset or SIM card.
1. Press to access the menu.
2. Scroll to either “SIM All” or “Handset All” and press .

Fixed Dial List

The fixed dial list is to restrict the use of the SIM card. If activated, it is only possible to make calls with phone numbers that have been set in the list and the emergency call number. You may view or add new entry in the list. The PIN2 code is required to adjust this setting.

Speed Dial

This option allows you to set the phone number up to 9 entries for one touch key dialing. When in idle mode, press and hold the corresponding alphanumeric keys to call the designated number.
1. Scroll to a specific key number and press .
2. Scroll to the desired entry in the phone book and press to set the one touch key dialing.

Handset Status

You can check the memory capacity of your handset and SIM card. For example: 45/100 means that there is a total of 100 entries, 45 entries are saved with 55 entries of memory still available. The phone status of SIM card may vary depending on memory capacity of the SIM card.

Own Numbers

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

This menu allows you to send, read and write text messages and voice mailbox as well as other relevant features that are provided by network service provider. You can also download some EMS pictures and ring tones from the relevant webs.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to "Messages" with .
3. Press to access the menu.

Messages

Inbox

If a new message is received, the icon will be shown at the top of the screen and on the sub-screen. And notification tones will be heard.
After reading, press to access the following options:

■ Delete
Delete the message.

■ Reply
Reply to the message by writing text.
1. Press when finish writing the message.
2. Press to key in the recipient number.
3. Press to send the message.

■ Call Back
Reply to the message by calling. Press to call the person who sends the message.

■ Forward
Forward the received message to others. You are allowed to edit the message before sending.

Note
- The message will be stored in the SIM card (SIM card capacity depends on your network service provider).
- 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 screen, all received messages have been read and there is sufficient memory for new messages.

Outbox

All the saved messages can be found via this option.
1. Press to read the message.
2. After reading, press to continue with the following options:

■ Send
1. Edit the message (if necessary) and press .
2. Use the existing recipient number and press to send the message.
3. Alternatively, you may save the edited message and send it to others.

■ Delete
Delete the message.

Note
You may read through the message by pressing . If the cursor reaches the beginning or ending of the message, you can go on with the previous or the next message by pressing .

Send

You may write messages of up to 700 characters in English.
1. Start composing message.
2. Enter the recipient number manually or press to search for a desired name. For details of the operation, please refer to "Send" in "Outbox".
3. Press to continue with the next operation. For details information, please refer to "Outbox".

Note
- If you make a mistake when writing, press to delete the characters to the left of the cursor, press and hold to delete all the characters.
- Before sending any messages, you have to save the message center number in the "Service Center". Please check with your network service provider for the number.

Delete

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

■ Delete Inbox
Delete all the messages in the Inbox.

■ Delete Outbox
Delete all the messages in the Outbox.

■ Delete All
Delete all the messages in both Inbox and Outbox.

Settings
The SMS profile defines the transmission characteristics of the SMS. The availability depends on your SIM card. You may change the profile with the following options.

■ Service Center
Enter or change the phone numbers of the service center supplied by the service provider.

Note
Please check with your network service provider for the number.

■ Voice Mail Center
This option stores the required voice mailbox number for listening to the voice messages.

Note
Please check with your network service provider for the number.

■ Validity Period
This option allows you to set the period which the service center keeps the undelivered message.

■ Status Report
The service center will send you the report of the messages sent.

■ Direct Reply
When activated, the service center of an incoming SMS will be used to directly reply to the SMS and not the SMS number contained in your handset. Availability depends on your network service provider.

Voice Mail
This option allows you to access the voice mailbox directly to listen the voice messages.

Note
Ensure that you have entered the number provided by your network service provider in the “Voice Mail Center”.

Broadcast
This option allows you receive the information broadcasted by your network service provider (such as weather forecast or road traffic information). Please contact your network service provider for information on the topics available and its corresponding index.

■ On
Activate the reception of all the topics defined in the list. This function uses up the battery more quickly.

■ Off
Deactivate the broadcast service.

■ Read New CB
Read the new CB messages up 10 entries. If the CB messages received exceed the maximum number, the new message will replace the oldest message.

■ TopicList
View the broadcasting topic list or add a new topic to the list.
You can add and set an unrestricted topic to this personal list by choosing from the topics index. You can preset 15 entries with their index number (ID) and rename 5 of them, if necessary. You may activate 10 topics at a time.

To add a new topic:
1. Scroll to “<New Topic>” and press .
2. Enter the index of the topic and press .
3. Enter the name of the topic and press .

To edit an existing topic:
1. Scroll to the desired topic and press .
2. Continue the next operation with the available options, such as “Deactivate”, “Edit”, “Delete” and “View ID”.

■ Auto Display
If activated, the CB messages will be displayed automatically and displayed longer messages in scrolling mode.

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

WAP PUSH

This function allows services to send information proactively to mobile subscribers. WAP Push is an SMS within the header of which is included a link to a WAP address. On receiving a WAP Push, the compatible mobile handset automatically gives the user the option to access the WAP content on his handset. The WAP Push directs the end-user to a WAP address where content is stored ready for viewing or downloading onto the handset. This WAP address may be a page or a WAP site.

WAP Push applications are being used in the delivery of mobile related content such as polyphonic ring tones, java mobile games, applets, weather forecasts and stock price alerts, colour screensavers, and picture messages, incoming email alerts and advertising campaigns.

Service Indication

This function signals an event of which the client should be get informed and have a message and a URL to a WML page where more information can be retrieved sent with the message.

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

Some of the functions require the PIN 2 code in order to access them. For information on the PIN 2 code, please refer to “Security”.

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

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Records” with .
3. Press to access the menu.

Recent Calls

You may view the call records of the phone. The phone calls that you have dialed, answered or not answered are listed for your review.
1. Press to dial the selected number.
2. Press to continue with the further operation.

Note
If a number existed several times, only the last entry will be shown on the list.

Clear Logs

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

Call Register

This option provides you the information on the call duration, call cost and the balance.

Call Timer

After accessing to this menu, press to view the information on call duration of last call, outgoing and incoming calls, and the total time of both outgoing and incoming calls.

Call Cost

Provides you the information on the accumulated call charges.

Call Balance

Provides you the information on the call cost limit and balance.

Note

Availability depends on the settings in “Time Cost” in “Settings”.

Ringer

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

In idle mode, proceed as follows:

1. Press to enter the main menu.
2. Scroll to “Ringer” with .
3. Press to access the menu.

Volume

This option allows you to set the level of the ringing volume by choosing from 5 levels with to increase or decrease the volume.

Ringer Type

The ringing tone can be set for 8 specific categories, which are “Any Call”, “Phonebook Calls”, “Group Calls”, “Alarm”, “Message”, “Broadcast”, ”Power On Music” and “Power Off Music”. For “Any Call”, “Phonebook Calls”, “Group Calls” and “Alarm”, the available ringing tone for setting are the 7 built-in tones and 1 downloaded melodies (if available) or decide not to set any ringing tones.

For “Message” and “Broadcast”, the available ringing tones for setting are the 2 built-in ringing tones or decide not to set any ringing tones.

For power on/off music, you can select whether or not to set any ringing tones. Scroll to the music and press to confirm the setting, press to cancel the setting.

Call Alert

This option allows you to set the way the hand phone prompts you when there is an incoming call.

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

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to "Clock" with .
3. Press to access the menu.

Alarm

Sets the handset to ring at a specific time with the desired ring tone.
1. Scroll to "ON" and press .
2. Scroll to either "Once", "Everyday" or "Working Day" and press .

Note
When the alarm goes off and no action is taken, the alarm will ring for 1 minute. Press any key to stop the alarm.

Time & Date Setting

Set the appropriate date and time for the phone, using the following format DD/MM/YYYY where DD is for day, MM is for month and YYYY is for year.
1. Press to set the date and time.
2. Key in the appropriate day, month and year.
3. Key in the appropriate time using the format HH:MM:SS, where HH is for hour, MM is for minute and SS is for second.
4. Press to confirm the setting.

Note
Please reset the date and time if the battery has been detached for an extended period.

Display Mode

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

Date Only
It displays the date only on the LCD display when the phone is idle.

Time Only
It displays the time only on the LCD display when the phone is idle using either "12 Hour" or "24 Hour" format.

Date & Time
It displays both the date and time on the LCD display when the phone is idle using either "12 Hour" or "24 Hour" format.

No Display
No date or time is displayed on the LCD display when the phone is idle.

Auto Power off

You may set the phone to switch off automatically at a specific time.
1. Scroll to "ON" and press .
2. Scroll to either "Once" or "Everyday" and press .
3. Key in the time for shutting down using the HH:MM format, where HH is for hour and MM is for minute.

Note
Before the phone switches off, the message "Auto Power Off" will appear. 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. The availability of some of the functions depends on your network service provider.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to "Settings" with .
3. Press to access the menu.

Normal

This menu provides you the following options:

Language
This option allows you to change the language for display message. Languages vary upon the language package used.

Input Method
A number of input styles are provided to organize the phone book or write message. For detailed information, please refer to "Input text".

Backlight
This option allows you to turn the LCD and keypad illumination on and off.
After selected, you may set the duration of the illumination with the available options or you can define the time by yourself (ranges from 1 – 99 seconds).

Voice Volume
Set the earpiece volume at 5 levels.

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

Auto Keypad Lock
This option allows you to lock the keypad automatically to prevent the keys from being accidentally pressed.

Key Tones
This option allows you to set the keypad to make sound at each key press.

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

Auto Answer
If activated (with headset connected), any incoming call will be answered automatically without any ringing or vibrating.

Connection Alert
This option allows you to set the way the handset prompts you of the phone connection.

Network Beep
When activated, the handset will prompt you of the network registering when powering on.

Restore
Restores some of the functions set in the phone to their original configuration, except that the PIN code and the PIN2 code. The data stored in the phone book will not be affected. For detailed information on factory default settings, refer to the table below.

Items	Setting Options		Default Settings	References
1	Status Report		Off	Refer to “Messages” menu
2	Direct Reply		Off	
3	Broadcast		Off	
4	Auto Display (Broadcast)		Off	
5	Volume		Level 5	Refer to “Ringer” menu
6	Any Call (Ringer Type)		Melody 1	
7	Phonebook Calls (Ringer Type)		Melody 1	
8	Group Calls (Ringer Type)	Family	Melody 1	
9		Friend	Melody 1	
10		Workmate	Melody 1	
11		VIP	Melody 1	
12	Alarm (Ringer Type)		Melody 1	
13	Message (Ringer Type)		Ring 1	
14	Cell Broadcast (Ringer Type)		Ring 1	
15	Power On Music (Ringer Type)		Ring 1	
16	Power Off Music (Ringer Type)		Ring 1	
17	Call Alert		Vibrator & Ringer	
18	Alarm		Off	Refer to “Clock” menu
19	Date & Time (Display Mode)		24 Hour	
20	Time Only		24 Hour	
21	Display Mode		Date & Time	
22	Auto Power Off		Off	
23	Language		Varies by language package used	Refer to “Settings” menu
24	Input Method		Varies by language package used	
25	Backlight		On (10 Sec)	
26	Voice Volume		Volume 5	
27	Contrast		79%	
28	Auto Keypad Lock		OFF	
29	Key Tones		Click1	
30	Anykey Answer		Off	
31	Auto Answer		Off	
32	Connection Alert		Tones	

33	Network Beep	On	
34	Own No. Send	On	
35	Minute Beep	Off	
36	Auto Redial	Off	
37	Search Mode (Network Settings)	Auto Search	
38	PIN Control (Security Settings)	Off	
39	Fixed Dial Control (Security Settings)	Off	
40	Calling Display (Time Cost)	On	
41	Sounds (Games)	On	Refer to “Extras” menu
42	Vibrator (Games)	On	
43	Wall Paper	Wallpaper1	

Table of factory default settings

Call Setting

You may set the functions related to the network service. The availability of the functions depends on your network service provider.

Own No. Send
Chooses whether or not your phone number is sent to the called party.

Note
The availability depends on your network service provider. If not available, any outgoing call is impossible when deactivated.

Divert
This option is set to divert incoming calls to the voice mailbox or another phone number, so as not to miss any important calls.
There are 5 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.
Unconditional
Automatically divert all incoming calls.

Unanswered
Divert incoming calls when line is busy, no reply or no response. If activated, the “When Busy”, “No Reply” and “No Response” divert settings are activated automatically.

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

No Reply
Divert all incoming calls if there is no answer.

No Response
Divert all incoming calls when your phone is turned off or out of coverage.

Clear All
Cancels all the call divert functions.

Barrings
This option provides SIM card restrictions when making or answering calls. A network access code is required to set all the barring functions (you must contact your network service provider).

It contains 5 different barring modes and you can activate, cancel or check its current status.

All Outgoing
You are not able to make any outgoing calls. Only incoming calls can be accepted.

Outgo International
You are not able to make any outgoing international calls. Incoming calls can still be accepted.

Outgo International Except Home
When abroad, you can only call the numbers within that country or call to home country (i.e., the country where the phone is registered).

All Incoming
If activated, you are not able to receive any incoming calls.

All Incoming When Roaming
No incoming calls will be permitted while roaming.

Clear All
Cancel all the call restriction function.

Waiting
This option alerts you of an incoming call while already on line. When activated, a tone will be heard and the caller’s number will be shown on the main and sub-display to notify you of a new incoming call.

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

Auto Redial
When activated, the phone will redial automatically for unsuccessful call. It will repeatedly dial the number at a fixed interval increment up to 10 attempts. Any other use of the handset will cancel this function. Press to cancel the dialing attempt.

Network

This is a networks related option. It allows you to

register with, search or select the available network and some of the relevant settings.

Search Mode
The default setting is “Auto Search”. It usually searches for the network operators using the priority network list stored in SIM card.

Auto Search
When using auto search mode to search for the networks, your phone will register with the priority network list stored in your SIM card. Alternatively, you can register with the network manually. Always select the network operator that has a roaming agreement with your network operator in your region/country.

Manual Search
When using the manual search mode to search for the networks, always select the network operator that has a roaming agreement with your network operator in your region/country.
After selecting “Manual Search” mode, the mobile will stay remain in “Manual Search” mode until the mode is changed or a new SIM card is replaced.

Note
If you are not familiar with the network operator, strongly recommended that you select “Auto Search” mode.

Security

You can change your PIN code, PIN2 code or set whether or not the PIN code is requested when powering on to protect you against any unauthorized uses of your SIM card and certain other features.

PIN Control
You are allowed to set a password to protect the SIM 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.

Change PIN
You can change the PIN code periodically in this option.

Change PIN2
You can change the PIN2 code periodically in this option. The PIN2 code is usually provided with the SIM card. If this is not the case, please check with your network service provider.

Fixed Dial Control
This option allows you to set fixed dial number. If activated, it is only possible to make calls with phone numbers that have been set in this function. The PIN2 code is required to adjust this setting.

Time Cost

This option allows you to set the following options:
Calling Display
This option shows you the information on call duration during calls.

Charge Rate
Your phone will display the call cost according to the number of units, the charge rate per unit, the currency, and the exchange rate. The PIN2 code is required to set the charge rate. Please check with your network service provider for the actual rate.

Calls Limit
This option allows you to set the limit of your call cost. The PIN2 code is required to adjust this setting. If the phone call charges exceed the limitation, any outgoing call is not allowed.

This option provides additional options to enable user to personalise the phone. It may be used to simplify the handset and includes a calculator, a calendar, and even offers the possibility of playing games, set up wallpaper, logo and the bottom color of menu.

In idle mode, proceed as follows:
1. Press to enter the main menu.
2. Scroll to “Extras” with .
3. Press to access the menu.

Calculator

This option allows you to make simple calculations. Due to the limitation of accuracy, round-off error may occur during division and any number that exceeds 8 digits is not allowed.

Press	To
0 to 9	input number.
*	input decimal.
#	input negative or positive
	input the operation factors such as +,-,* and /.
	erase whole entry or restart a new calculation.
	backspace
	get the result after inputting.
	exit calculator menu.

Games

This menu offers you some interesting games.

Redcap
1. Select whether or not to read the brief help text.
2. Input the desired level of the game before starting.
3. Press 2, 8, 4 or 6 to go up, down, left or right.
4. Press 9 to undo the previous step.

Gobang
1. Select whether or not to read the brief help text.
2. Select the difficult level of the game before starting the game.
3. Press to start playing.
4. Press 2, 8, 4 or 6 to move the chessman up, down, left and right.
5. Press 5 to place the chessman and press 9 to undo the previous step.

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

Settings

For more enjoyment, you can activate the “Sounds”, “Backlight” and “Vibrator” function.

Note
Press to exit the game while playing.

Calendar

This option can be used to look up a date for both solar and lunar calendar. You may set an event for reminder also.

Wall Paper

This option offers you the possibility to set up a specific picture for the handset background when the phone is idle.

Download

This option allows you to download any favorite melody or picture by preferences to replace the operator name that shown on the idle display or set it as the incoming call alert. The format supported for melody and picture are MIDI and bmp, wbmp, gif or jpg.

Note
The availability of the download function depends on the local network service provider.

WAP

WAP (Wireless Application Protocol) is a global wireless protocol specification for mobile wireless terminals. WAP enables you to subscribe to certain Internet services, for example: banking services, news, weather forecast, flight schedules etc.

Note

- You need to subscribe to the data transmission and WAP browsing services via your network service provider in order to access WAP services.
- WAP web page adapts the Wireless Mark-up Language (WML) technology. Web pages that employ Hyper-Text Mark-up Language (HTML) are not supported.

In idle mode, proceed as follows:

1. Press to enter the main menu.
2. Scroll to “WAP” with .
3. Press to access the submenu.

Basic steps for activating and accessing WAP service

The following section introduces the basic steps for accessing and browsing the web.

Activation of WAP service

Before using the WAP service, you need to activate the WAP connection profile first.

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Network Settings” menu and press .
4. Select “Active network settings” and press .
5. Scroll to the desired profile with and press .

Accessing the WAP service

You may connect to the website in either of the following ways.

■ Accessing via the homepage

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Homepage” and press .

Note

Only if a WAP website is set as homepage before.

■ Accessing via bookmark

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Bookmarks” and press .
4. Scroll to the desired bookmark (if you bookmark a website before) with and press .
5. Scroll to “Connect” and press to start connection.

Note

If the selected bookmark is not available as desired, select another profile and perform the procedures described in “Activation of WAP service” again.

■ Accessing via navigation

1. When in idle mode, press to enter the main menu.
2. Scroll to the “WAP” menu and press .
3. Scroll to “Navigation” and press .
4. Enter the URL of the Website (Use , or to key in any special character).
5. Press to link to the web page.

Note

- You may skip the prefix of the URL (i.e. http://).
- Press and hold to exit the website that you are visiting.
- Please check with your network operator or service provider for the information on WAP settings.

Homepage

This option has connectivity with WAP. It connects to the homepage that you have set.

Bookmarks

This option allows you to store up to 10 WAP URLs as bookmarks in your handset memory.

Scroll to the desired bookmark and press to continue with the following options:

Connect

Link to the website that you have set the URL. Press to start the connection.

Edit

Enter the URL for the website you want to connect to.

Rename Bookmark

Change the bookmark name.

Last Page

It takes you directly to the WAP URL that you connected to last time.

Navigation

You may key in the URL that you want to connect to.

Empty Cache

This option allows you to clear the buffer memory of the handset.

Cache is a buffer storage that is used to store the

data or web page that you have visited temporarily, so that you can connect to the web site quickly and easily next time.
Always clear the cache after you have visited any web page that needs a personal identification number, for example, bank account.

Network Settings

Active network settings

This option allows you to activate the connection profile you want.

1. Press [ ] to enter the "Active network settings" menu.
2. Select the desired profile you want to connect.
3. Press [ ] to activate the connection profile.

Edit active network settings

This option allows you to key in all the required parameter settings, such as profile name, homepage, IP address, IP port, data call type, according to the information you have received from your network operator. The availability and configuration may vary, dependent on your network operator.
You may edit the following items:

■ Profile Name

Key in the name of the connection profile.

■ Homepage

Key in the URL of the homepage (if desired).

■ GSM Settings

1. **IP Address**: Input the IP address offered by your network operator.
2. **IP Port**: Set the IP port.
3. **Data Call Type**: Select either "Analogue" or "ISDN".
4. **Phone Number**: Key in the phone number required to connect to WAP service.
5. **User Name**: Key in the name of the user required to connect to WAP service.
6. **Password**: Key in the password to connect to WAP service.

History

This option allows you to view the records of your connection to the GSM.

GSM

Press [ ] to access the following options:

■ Last Record

Check the visiting time of the last connection.

■ Total Record

Check the total time of the connection.

■ Clear Record

Clear the timer record of the connection time.

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

For availability, rates and information on using the SIM 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 an 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 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 SIM card. The access codes allow you to avoid unauthorized use of your phone and SIM card.

PIN code

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

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

PIN2 code

This code is supplied with the SIM cards and is required to access certain functions, such as accumulated costs. If your SIM card supports those particular functions, you can activate them in your handset. If you enter an incorrect PIN2 code three times in succession, 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 SIM 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 SIM card is no longer valid.

Contact your network service provider to replace the SIM card.

PUK2 code

The PUK2 code is used to unblock and change the locked PIN2 code. This code is supplied with the SIM. If you enter an incorrect PUK code ten times in succession, the functions that require PIN2 code in order to be activated will no longer valid.

Contact your network service provider to replace the SIM card.

Reference Information

EFR encoding decoder function

The F10 model (GSM/DCS) is equipped with the latest encoding decoder and audio frequency technology, to achieve superior audio quality.

At present, there are 3 types of encoding decoder applied to GSM/DCS:

- Enhance full rate (EFR)
- Full rate (FR)
- Half rate (HR）

The F10 model (GSM/DCS) mobile phone supports the normally used EFR and FR encoding decoder.

All GSM and DCS cellular networks and phones support FR encoding decoder.

If supported by the network operator, then the network operator will automatically select the relevant encoding decoder, which will be either EFR or FR.

The F10 model is programmed to automatically select the EFR where this is supported by the network, allowing you to enjoy the superior audio quality provided by EFR. Otherwise the phone will select FR.

At present, only some networks support both the FR and EFR encoding decoder.

If the network operator cannot support EFR, the F10 model (GSM/DCS) mobile phone will automatically adopt the FR encoding decoder.

Accessories

The accessories for the F10 model (GSM/DCS) mobile phone include battery, charger and etc. Please refer to “Battery Charging” for battery charging method.

Battery

At present, the rechargeable battery approved by the manufacturer is the lithium battery (LI-ION).

The standby time for a new battery is about 50-150 hours. The capacity of a battery may vary depending on the environment, networks, SIM card or options available.

Charger

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.

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

Problem Solving

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

a. Check that the SIM card is correctly installed.
b. Ensure that the gold chip is not damaged or scratched.
c. Check the SIM card contact. 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. Enter the wrong PIN code three times in succession, the SIM 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 detail.

4. Your correspondent cannot hear you.

a. Check that the network signal strength is normal and try again.
b. Check that the microphone is unmuted.
c. Holding the phone closer 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 you are in an area of variable coverage. This uses extra battery power.
b. Ensure that the using environment is not in extreme temperatures. At extreme hot or cold temperatures, battery performance is significantly reduced.

8. The LI-ION battery was being charged overnight.

It is strongly recommended that not to charge the battery for more than 24 hours. It may decline the battery performance or cause damage to the battery.

9. The headset starts beeping.

The signal is weak or out of coverage

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