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Discover your Phone

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How to...

Switch the phone On/Off	Press (long press when charging the phone).
Enter PIN code	Enter the PIN code using the keypad and press or OK.
Lock the keypad	The keypad will be locked automatically when the flip is closed (whether or not the keys on the phone's flip will also be locked shall depend on the settings you have made). When the flip of the phone is opened, the keypad will be unlocked automatically, while the keys on the phone's flip will be locked.

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Make a call	Enter the phone number using the keypad and press .
Answer a call	When the phone rings, press .
Activate/inactivate handsfree	During a call, press *Handsfree* / *Cancel Handsfree* to activate or deactivate handsfree mode.
Record phone conversation	During a call, press to start recording. To end recording, pres again.
End a call	Press .
Mute the phone	When the phone rings, long press .
Reject a call	When the phone rings, press .
Adjust conversation volume	During a call, press ▲ or ▼.
Access main menu	Press in idle mode.
Access phonebook	Press ▼ in idle mode.

Using the *Phonebook*	Press ▲ or ▼ to browse the phonebook entries and press to call the selected contact in the phonebook.
Access *Call records*	Press ▲ in idle mode.
Access *Dialled calls list*	Press in idle mode.
Access MP3 player	Press *MP3* in idle mode.
Activate Camera or Video camera	Press *Camera* in idle mode.
Return to previous menu level	Press *Back* when browsing the menu or in editing mode.
Quickly return to idle mode when browsing the menu	Press .
Access the menu functions	Press and press ▲, ▼, ◀ or ▶ to select a menu, then press to enter the sub-menu. Repeat this operation until you reached your desired menu.

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Soft keys

The left and right soft keys (and) are located at the top of keypad area. Pressing the softkeys allows you to select the option displayed on the screen directly above them, including options during a call. The functions of the soft keys change according to the current context.

Main menu

You can access the different features of your Philips 588 phone from the main menu. The following table summarises the structure of the *Main menu*, what the icons represent and the page number on which you can obtain more information regarding the menu functions.

Entertainment page 72	*WAP* page 85	*Multimedia* page 22
Phonebook page 65	*Messages* page 30	*My files* page 58
Tools page 74	*Call Settings* page 52	*Phone Settings* page 43

Press in idle mode to access the main menu and press ▲, ▼, ◀ or ▶ to navigate through the icons and lists, or press - keys, and or keys to access the options and functions directly. When navigating through a list, the scrolling bar on the right of the screen will indicate your current position in the list. Press *Select* or to access the corresponding options of the selected item in the list. Press *Back* to return to the previous menu.

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How to use this User Guide

This user guide strives to provide you with concise and complete information regarding your Philips 588 phone. It includes the following:

Discover your phone	The current section of this user guide. It summarises the features of your phone and the information on the frequently-used features.
Chapter 1: Getting Started	How to carry out installation, such as SIM card, batteries, etc.
Chapter 2: Call functions	How to make and answer calls, as well as some frequently used call functions.
Chapter 3: Text Entry	How to enter text using the alphanumeric keypad.
Chapters 4-16	Description of the main features of this phone.
Others	"Icons & Symbols", "Precautions", "Troubleshooting", "Accessories" and "Limited Warranty" information.

New Events

Some events may modify the idle screen (such as missed calls, new SMS, new MMS, etc). Whenever there is a new event, the phone will emit an audible alert (except for the reception of cell broadcast messages). You can press *View* to display the missed calls list, enter the list of unread SMS or MMS, etc. Press *Back* to exit from the new events screen.

At all times, you can only clear the new events from the idle screen by pressing Back.

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1. Getting Started

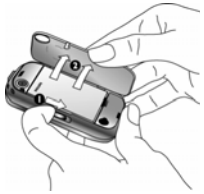
Read the safety instructions in the «Precautions» section before use.

To use your phone, you must insert a valid SIM card supplied by your GSM operator or retailer. The SIM card contains your subscription information, your mobile number, and a memory in which you can store phone numbers and messages (see "Phone book" page 25).

Insert SIM card

Remove back cover

1. Make sure that the phone is switched off. You need to remove the back cover of your phone before you can insert the SIM card. Hold the phone with the front facing downwards as shown in the diagram and push the release catch located on the left side of the phone. The back cover will be detached from the phone. Remove the back cover from its slot.



Remove battery

2. Lift up the battery from the bottom using your finger and remove it from its slot.

Install SIM card

3. Make sure the clipped corner of the SIM card is facing the correct direction and the metallic contacts facing downwards. Slide the SIM card into the card slot until it stops.

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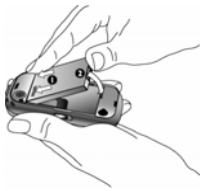
Install battery

4. With the metallic contacts facing downwards, press the battery down into its slot until it locks into place.



Replacing the back cover

5. Align and hook the back cover to the right side of the phone and press down the back cover until it locks into place with the left side of the phone.

When inserting the battery, be careful not to damage the metallic connectors of the SIM card slot.

6. Remove the protective film covering the screen before using the phone.

Switch on the phone

Press to switch on the phone (long press when charging). You may be required to enter the PIN code (which is the 4 - 8 digit security code of your SIM card). The PIN code is preconfigured and provided to you by your network operator or retailer. To change the PIN code, see “Change PIN” page 54.

If you enter a wrong PIN code 3 times in succession, your SIM card will be blocked. To unblock it, you must request the PUK code from your network operator.

Set date and time

When you switch on the phone for the first time, the time indicated on your phone is based on the factory default time setting. Hence, you need to reset the date and time of your phone. Set the date by pressing the corresponding numeric keys on the keypad (press Clear to erase a number). Then, proceed to set the time in the same way.
For more information regarding date and time settings, please see “Clock settings” page 44.

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Charging the battery

Your phone comes with a standard and/or ultra-slim battery (depending on the country of purchase). The phone will emit an audible alert when the battery reaches low. When the battery is completely flat, the charging icon will appear after a few minutes of charging.

We recommend that you do not remove the battery when the phone is switched on as you may lose all your personal settings as a result . If you do remove it, the date and time settings are only memorized for a short while. As such, you need to reset the information after you have installed the battery back again.

1. Once the battery and back cover is attached to the phone, plug the charger connector (supplied with the phone, in the box) into the charging socket at the base of the phone (arrow side up), and plug the other end of the charger to an easily accessible AC power socket.
2. The battery icon indicates the state of charge: When charging, the 4 charge indicator bars change constantly and it normally takes around 2.5* hours to fully recharge the battery (when charging with the phone switched off, the screen will display a charging animation).
3. When all 4 bars are steady, the battery is fully charged and you can disconnect the charger. Depending on the network and usage conditions, the maximum talk time of a fully-charged standard battery goes from 2 to 4 hrs*, while the maximum stand-by time is about 240 hrs*.

**The data was derived from a test conducted at our France laboratory when the battery is fully-charged for the first time. Depending on the network conditions, user settings, method of use, etc the actual results may differ.*

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Keeping the charger plugged to the mobile phone when the battery is fully charged will not damage the battery. The only way to turn off the charger is to unplug it, so it is advisable to use an easily accessible AC power socket.

If you do not intend to use your phone for several days, we recommend that you remove the battery.

You can use the phone while it is charging (note that the vibra alert goes Off when the charger is connected). If the battery is completely flat, the battery icon will only reappear after a few minutes of charging.

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2. Call functions

Switch on the phone

Normally, you can long press to switch on the phone.
You may set a security code (PIN code) on your phone to protect it from unauthorised use. When you have set a security code, you will be prompted to enter the corresponding security code when you switched on the phone.

1. Enter the PIN code. For security reasons, the screen will display "*" to represent the numbers you have entered. If you have entered the wrong number, press Clear to clear it.
2. Press OK. The phone will validate the PIN code and commence network registration.
3. Once a network name is displayed on the screen, you are ready to make or answer a call. If there is no network name on the screen, you need to re-register.

If you enter a wrong PIN code 3 times in succession, your SIM card will be blocked. To unblock it, you must request the PUK code from your operator. If you enter a wrong PUK code 10 times in succession, your SIM card will be permanently blocked and cannot be used anymore. If this happens, please contact your network operator.

Switch off the phone

At all times, you can long press to switch off the phone.

Make a call

You can make a call only when the network name appears on the screen.

1. Enter the phone number.
2. Press to dial the number; or press Options to enter options menu, then select Call or Call Handsfree.

Options during a call

During a call, you can press Options to carry out the following operations:

- Mute/Unmute the call
- Put the call on hold
- Send SMS
- Access Phonebook
- Activate/Deactivate handsfree
- Record phone conversation (which includes 3 sub-options: Record both, Record opposite party and Record own)

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- Stop recording (If recording is in progress, select *Stop recording* to stop and the recorded voice will be saved automatically).
- End the current call

Mute or unmute a call

During a call, press *Options* and select *Mute* or *Unmute*. If you select *Mute*, the microphone will be deactivated.
When you switch from one call to another, muting will be cancelled.

Adjust speaker/ earpiece volume

During a call, call on hold or call waiting, you can press ▲/▼ to increase or decrease the volume (if you are not browsing the call options menu) .
When the volume has been set, the call volume will take effect immediately and the settings will be applied to your subsequent calls.

Call recording

During a call, press *Options* and select *Record* to access the 3 recording options; namely, *Record both* (default), *Record opposite party* and *Record own* (applicable to two-party calls or multi-party calls).

Once you have selected the recording option, the option will be used as the default for subsequent call recordings. The selected recording option will be indicated with a tick.

During a call, you can also press to *Start*/*Stop* the recording.
When you start recording, a recording icon will appear on the screen. When you end the call, the recording will stop and saved automatically in AMR format under *My Files* > *Sounds*.

There is no limit to the length of the recording; the recording will stop only when you press key, when there is insufficient memory, or when the call has ended.

End a call

Press *End* or to end a call.

Make an international call

1. Long press until "+"appears on the screen.
2. Enter the country code.
3. Enter the area code (normally without the 0 in front), followed by the phone number.
4. Press to call directly; or press *Options* to enter options menu and select *Call* or *Call Handsfree*.

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Make a second call (Network dependent)

You can make a second call by putting the current call on hold:

1. During a call with Party A, you can enter Party's B number using the keypad.
2. Press or press *Options*, then select *Call* to dial Party B's number. Party A will be put on hold automatically.

Switch calls (Network dependent)

When you have one active call and one call on hold, you can press *Options*, then select *Switch* to switch between the 2 calls.

Call Handsfree

During a call, press *Options* and select *On*/*Off* handsfree.

When the headset is plugged into the phone, you cannot activate handsfree mode.

Answer a call

Press *Answer* or press to answer a call.

Reject a call

Press *Reject* or press to reject a call.

Answer a second call (Network dependent)

If you have activated *Call waiting*, you will be alerted when there is a second incoming call. You can:

1. Press to answer the second call. The current call will be put on hold automatically.
2. Press to reject the second call and continue with your current call.
3. When there is one active call and one call on hold, you can press *Options* to carry out the following operations:

Option	Description
Unhold	Change the status of the call on hold to active.
Hold	Change the status of the active call to call on hold.
Switch	Switch between the active call and call on hold.

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If you press the numeric keys, or , the notepad editor will opened under call waiting mode.

Fotocall

This feature allows you to link a contact in your phonebook to a photo you have taken using the Camera function, or a picture you have downloaded via WAP or data cable. During a call, if the other party's name card is linked to a picture, the incoming call background will display the corresponding picture. This feature is referred to as "Fotocall".

Operations of the headset

The following operations are applicable to headsets with only one key.

1. In idle mode, with the headset plugged into the phone, short press the headset key will activate the MP3 player. When MP3 player has been activated, short press the headset key to play/pause/resume, or long press to exit.
2. When you enter a phone number in idle mode, short press the headset key will dial the number. To stop dialling, long press the headset key.
3. During a call, short press the headset key to record or stop recording; long press to hang up the phone.
4. When there is an incoming call, press the headset key to answer the call; long press to reject the call.

Alarm Power On

When the phone is switched off when the alarm time has reached, the phone will switch on automatically, the alarm will sound and the alarm clock screen will be displayed. When the alarm time is up, the alarm will go off and the phone will switch off automatically; the alarm will also go off when you press any key to stop it.

Festivals and Anniversary reminder

You can add "Festival" and "Anniversary" events in the organizer menu.
If you have added such events in the organizer, the phone will remind you when the day arrives.

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3. Text or number entry

The input methods described in this chapter do not apply to E-mail functions.

Input method

Your mobile phone supports seven input methods including:

- T9 Pinyin: Enter chinese characters with T9 Pinyin;
- T9 Traditional Chinese Zhuyin: Enter Traditional Chinese characters with T9 Zhuyin;
- T9 Stroke: Enter Chinese characters with T9 wubi and stroke components;
- T9 Traditional Chinese stroke: Enter Traditional Chinese characters with Wubi or stroke components;
- T9 English (T9eng/T9Eng): Enter English text using T9 English;
- Multi-Tap (abc/ABC): Press the keys that are marked with the corresponding letter you wish to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.
- 123: Enter numbers

This phone supports T9 Simplified Chinese association input method as well.

*Notes

During text editing, you can press to switch input mode; the status bar at the bottom of the screen will display your current input mode. 『拼』 represents Simplified Chinese Pinyin input mode; 『笔』 represents Simplified Chinese stroke input mode; 『注』 represents Traditional Chinese BoPoMo input mode; 『筆』 represents Traditional Chinese stroke input mode; 『en』 represents T9 English input mode; 『abc』 represents English alphabets input mode; 『123』 represents numeric input mode. In addition, you can press to input punctuations.

The text editor remembers the last input method you have used before you exit the editing screen. When you access the editor again, it will automatically select the last input method you have used.

Entering texts and numbers

You can input text in the editor using 6 input methods: T9 English input, English alphabets, Pinyin, Zhuyin, Simplified Chinese Stroke or Traditional Chinese Stroke. In addition, there are two input methods for you to enter numbers and punctuations.The icon displayed on the screen shows the current input method. You can press to

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switch from one mode to another and long press to enter punctuations or press to switch case.

In numeric input mode, long press to enter ".".

Entering symbols and emotion icons

In any input mode, press to open/close symbols input screen. Press the corresponding number on the left of the symbol to input it and then return to the original input mode. If the symbols occupy more than one screen, press ▲/▼ to scroll up/down the pages.

Shift case

Press to shift case in the English input editor.

Delete

When there are contents in the input row, press *Clear* to delete the rightmost character or symbol. The candidate area will be updated accordingly until the input row is cleared. Long press *Clear* to clear the input row.
When the input row is empty, press *Clear* will delete the character on the left of the cursor in the text area. If there are no characters on the left of the cursor, the character on the right will be deleted. Long press *Clear* to clear the contents in the text area.

T9® English input

What is it?

T9® predictive Text Input is an intelligent editing mode for messages, which includes a comprehensive dictionary. It allows you to quickly enter text. You need to press only once on the key corresponding to each letter needed to spell a word: keystrokes input are analysed and the word suggested by T9® is displayed at the bottom of the screen. If there are several words, press ◄ or ► to browse the list and choose from those proposed by the T9® built-in dictionary (see example below). After you have input the word, press or ► to insert space.

How to use it?

Alphabets and symbols represented by each key are as follows:

to	To input letters.
◄ or ►	To browse the last or next candidate word.
OK	To confirm the letter or word.

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Clear	Short press to clear a letter, long press to clear all entries.
	Shift case.
	Select input mode.
	Activte/deactivate punctuation mode.

Example: How to enter the word "Home"

1. Press 4 6 6 3, the screen display the first word on the list: *Good*.
2. Press ‣ to browse and select *Home*.
3. Press *OK* to confirm *Home*.

Basic text input

If you wish to use basic text input mode, press to select "ABC" basic text input. This method requires multiple key presses to reach the desired character: the letter "h"is the second letter on the 4 key, so you must press 4 twice to enter "h". Using this mode requires you to press a key as many times as is equal to the order of the letter.

To enter the word «Home» in basic text input mode, you should therefore key 4, 4 (*G*H*I*) 6, 6, 6 (*MN*O), 6 (M*NO*), 3, 3 (*D*E*F*).

Letters, numbers and symbols are located on each key as follows:

Key	Letters and numbers
1	Space1 @ # = < > ( ) & _ £ $ ¥
2	a b c 2 à ä å æ ç
3	d e f 3 é è Δ Φ
4	g h i 4 Γ ì
5	j k l 5 Λ
6	m n o 6 ñ ò ö ø
7	p q r s 7 β Π Θ Σ
8	t u v 8 ü ù
9	w x y z 9 Ω Ξ Ψ
	Shift case
	Switch text input mode
	Input symbol

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Pinyin Input

Press and select Pinyin input mode. Each Pinyin letter is represented by one of the numeric keys as shown below: (Note that Pinyin input mode is solely meant for the input of Simplified Chinese characters. You cannot input Traditional Chinese characters).

	ABC	DEF
GHI	JKL	MNO
PQRS	TUV	WXYZ *
Mode T9		Punctuation

The general steps of using Pinyin input method are as follows:

1. Enter Pinyin letters to
   Clear to clear
2. Select Pinyin combination ◂ or ▸
3. Confirm Pinyin combination
4. Select from candidate list ◂ or ▸ / ▴ or ▾ (scroll list)
5. Confirm selection
6. Select and enter association character, or return to step 1 to enter new words.
7. Or press *Back* to exit from association character input mode, then press to complete the editing.

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Enter the pinyin letters accordingly. Press once on the key corresponding to the pinyin letter without having to consider its position on the key. Pinyin input method will automatically select and list all possible combinations for you to select.

For example, to input the character 『王』, with the Pinyin letters 『wang』, press 9 2 6 4 and use ▸ to select the desired pinyin combination for 『wang』, then press OK to confirm combination. After that, you may press a number key to enter the intonation of the character (1-1 tone, 2-2 tone, 3-3 tone, 4-4 tone, 5- silent tone) to narrow down the candidate characters selection range. Then press ▸ to select the desired character 『王』 and press OK to confirm the input of this character.

As soon as you have selected and entered a character, the candidate list will be updated and a list of association characters will be displayed. Press ◂ or ▸to select the desired association character and press OK to confirm entry. This speeds up the input process further.

When you have finished editing a name on the phonebook or SMS, press *Back* to exit from association character input mode and press OK to confirm completion of the editing process.

Zhuyin Input

T9 Traditonal Chinese Zhuyin

Input

Press once on the key corresponding to the Zhuyin character without having to consider its position on the key. All the possible Zhuyin combinations will be listed on the input row.

Characters located on each key 0 - 9 are as follows:

Key	Characters
1	ㄅㄍㄐ
2	ㄓㄢㄅㄉ
3	ㄧㄚㄦㄚ
4	ㄠㄞㄑㄟ
5	ㄔㄣㄊㄆ
6	ㄨㄘㄜ
7	ㄡㄏㄒ
8	ㄕㄤㄋㄖ
9	ㄩㄙㄝㄝ
0	ㄖㄌㄈㄥ

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When the zhuyin combination appears on the input row, press ◂/▸ to move the selection box over the zhuyin combination and press ⊙ to enter character selection mode.

Selection

Press ◂/▸ to move the selection box left or right, and press ▴/▾ to scroll list. When the selection box is on the desired character, press ⊙ to confirm the input and go into association input mode.

Association

The input area is empty and the candidate area display a list of association characters. Press the navigation keys to select an association character, or press a number key to input a new zhuyin combination.

Stroke input

Press to select stroke input mode. The strokes are represented on each key as follows:

	Horizontal	
Left-falling	Vertical	Right-falling
	Over-down	Special
Mode T9		Punctuation

The basic steps of Stroke input are as follows:

1. Enter strokes	to (excluding 3 and 7) *Clear* to clear.
2. Select from candidate list	◂ or ▸ / ▴ or ▾ (scroll list)
3. Confirm selection	⊙

4. Select and enter association character, or return to step 1 to enter new strokes.

5. Or press *Back* to exit from association character input mode, then press ⊙ to complete the editing.

The principle of stroke input is to dissect and separate every stroke of a chinese character according to sequence. When you wish to input the character, press the keys corresponding to the required strokes according to sequence to get the desired character. The stroke input method in this phone classify a

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chinese character into 5 basic strokes: (horizontal, vertical, left falling stroke, right falling stroke and over-down) as well as a special stroke. When the stroke you need does not correspond to the 5 basic strokes, replace it with the special stroke.
The examples below will give you a clearer understanding of how to use stroke input method:

1. 木：2 — + 5 | + 4 / + 6 \

2. 田：5 | + 8 ¬ + 2 — + 5 | + 2 — + ▶

3. 加：9 ? + 4 / + 5 | + 8 ¬ + 2 —

4. 凉：6 \ + 9 ? + 6 \ + 2 — + 5 | + 8 ¬ + 2 — + 9 ? + 4 / + 6 \

5. 陈：9 ? + 5 | + 2 — + 9 ? + 9 ? + 4 / + 6 \ + ▶ +

（repeat ‣ 4 times）

Generally, you will be able to find a desired character before you finished entering all the strokes. After you have entered the name of the phonebook or SMS, press Back to exit from association character list and press to confirm completion of text editing.

The input mode for Traditional chinese stroke and Simplified Chinese stroke are similar, with the exception of the character coding.

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4. Multimedia

Digital camera

Your mobile phone features a digital camera that allows you to take pictures (up to 1.3 Mega pixels) and record short videos. You can even store the pictures or short videos in your phone, use them as wallpaper or send them to your friends.

Ensure the camera lens is clean before you take pictures, as dust and dirt can strongly affect the picture quality.

How to take photos

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Multimedia* > *DC/DV* to enter preview mode.
3. Press ▲/▼ to adjust your focus and press ⊙ to take the picture. The picture will be saved automatically on the phone with a default file name. The picture will remain on the screen for 2 seconds before returning to preview mode whereby you can continue to take pictures.
4. The pictures will be saved and sorted in chronological order in *My Files* > *Photos*.

Settings

Quick options bar

Before you start to take photos, you can set the mode, photo size, effects and other parameters via the quick options menu. From preview mode, press ◄ or ► to activate the options in the quick options bar. After you have selected an option, press ▲ or ▼ to set the value of the selected option. To close the quick options bar, press *Back*.

Options	Description
Mode	Select from: *Single*, *Continuous* and *Self-timer* (*Continuous* shot is only available when the picture resolution is lower than 800x600).
Picture Resolution	Adjust from five image sizes: 128X88 (fotocall), 128X160 (default), 480X640, 768X1024 and 1280X1024.
Quality	Select from three image qualities: *Super fine*, *Fine* (default) and *Normal*.

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Effect	Select from: *Nature* (default), *Warm*, *Cool*, *Fog*, *Classical*, *Moon*, *Brown*, *Gray* and *Negative*. The selected color will take effect immediately and the preview screen will be refreshed with the selected color effect. *The settings in this option will be saved until you change it again.*
Environment	Select from: *Auto* (default), *Night*, *Sunny*, *Cloudy*, *Fluorescent* and *Tungsten*. The selected environment will take effect immediately and the preview screen will be refreshed with the selected environment. *The settings in this option will be saved until you change it again.*
Exposure	Select from: *3*, *2*, *1*, *0* (default), *-1*, *-2*, *-3*.
Frame	Add frame to the picture. This option is available only when the picture resolution is 128x160.

Options menu

In preview mode, press *Options* to display the list of options:

Option	Description
Photos	Access *My Files* > *Photos*. The camera will be closed automatically when you enter *Photos*.
Continuous settings	Available only when the mode is *Continuous*. Select from: *Shoot number* (*2*, *3*, *4*, *5*, *6*) and *Shoot interval* (*0.6 seconds*, *0.9 seconds*, *2 seconds* , *3seconds*, *4seconds*). Press ◂ or ▸ to select a value.
Shutter sound	Select from different shutter sounds.
Video recorder	Switch to video recorder mode.

When the photo folder is full, a warning message will pop-up.

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Video Recorder

Your phone features a video recorder, which allows you to record video clips of different resolution, quality and effects.
This option allows you to record, play and save short videos in your phone, or send them to your friends via MMS or email.

The resolution of the video is 128 x 96 and the format is H263 or MPEG4. The video sound is in AMR format and the file extension is 3GP.

How to record video

1. In idle mode, press ⊙ to enter the main menu.
2. Select Multimedia > DC/DV to enter video recorder preview mode (only when the last used feature is Video Recorder).
3. If the current mode is Camera mode, press Options to access options menu and select Video Recorder.

The icon on the top left of the screen indicates the current mode.

4. In preview mode, press ⊙ once to start video recording, press ⊙ twice to stop recording.

When recording, the REC symbol on the screen indicates that video recording is in progress. The screen will also show the time lapse of the current video recording. When you end the recording, the symbol and time information will disappear from the screen.

5. When you have finished recording, the video will be saved automatically and the screen will return to preview mode. You can continue to record the next video.

Once saved, the videos are available in chronological order in My Files > Videos.

Settings

Quick options bar

Before you start to record videos, you can customise the size of the video, effects and other parameters via the quick options menu. From preview mode, press ◂ or ▸ to activate the options in the quick options bar. After you have selected an option, press ▴ or ▾ to set the value of the selected option. To close the quick options bar, press Back.

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Options	Description
Color effect	Select from: Nature (default), Warm, Cool, Fog, Classical, Moon, Brown, Gray and Negative. The selected color will take effect immediately and the preview screen will be refreshed with the selected color effect. *The settings in this option will be saved until you change it again.*
Environment	Select from: Auto (default), Night, Sunny, Cloudy, Fluorescent and Tungsten. The selected environment will take effect immediately and the preview screen will be refreshed with the selected environment. *The settings in this option will be saved until you change it again.*
Movie format	Select the file format of your recorded video. Select either Mpeg4 (Default) or H263.
Record sound	Select whether or not to record sound: No sound, Record sound (Default).

Options menu

In preview mode, before you start video recording, you can press Options to display the options menu. The available options include:

Options	Description
MMS size	Select On or Off (Default). When you select On, the recorded video will be smaller than the maximum MMS size you have set in the MMS settings. When reaching the maximum MMS size, the recording will stop automatically and saved.
Videos	Access My Files >Videos. The video recorder will be closed automatically when you enter Videos folder.
Camera	Switch to camera mode.

When the video folder is full, a warning message will pop-up.

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From any menu, you can press to cancel the current operation and return to idle mode.

MP3 player

When you access MP3 player for the first time, all the MP3 songs will start playing by default. If this is not the first time you are using the MP3 function, it will play the last played MP3 song before you exit the player.
When playing MP3 songs, a track will appear on the screen to indicate the playback progress. The screen will also display the total duration of the song, the time lapse and the play volume.
The keypad operations during MP3 playback are as follows:

Key	Operation
key	Short press to Start/Pause/resume MP3 playback. Long press to stop playback.
◂ or ▸	Short press to select the previous song/next song. Long press to fast rewind/fast forward.
▴ or ▾	Adjust volume. Once you have set the volume, the settings will be saved until the next time you adjust it again.
Options	Open options menu.
Stop	Stop playback.
Back	Return to previous menu.

MP3 Options Menu

Press Options to display the options menu to carry out the following operations:

Options	Description
Play mode	Select from: Normal play (Default) or Shuffle. The selected mode will be indicated with a tick on its right. The mode you have set will be saved until the next time you change it again.

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Repeat Select from: *No repeat* (Default), *Repeat current track* (applicable to the track currently playing or track being highlighted in the playlist) and *Repeat all*. The selected mode will be indicated with a tick on its right. The mode you have set will be saved until the next time you change it again.

Play control Select from: *Play*, *Pause*, *Stop*, *Previous*, *Next*.

Select song Select from: *Play all* (Default), *Playlist*. The selected mode will be indicated with a tick on its right. The mode you have set will be saved until the next time you change it again.
If you select *Play all* then all the MP3 songs in your phone will appear in the MP3 playlist.
If you select *Playlist*, you will enter the next screen whereby all the MP3 files will be displayed.
Press ▲ or ▼ to select a file and press *Select*/*Cancel* selection, then press to save and return to MP3 play screen. Press *Back* to return to previous screen.

Flip exit Select: *On* or *Off* (default). If you select *On*, once you close the flip, you will exit from the MP3 player.

Delete Delete the song you have selected. You will be asked to confirm before deletion. Press or *OK* to delete, press *Cancel* to cancel deletion.

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Rename	Rename the MP3 file. Enter the new name and press ⊙ or *OK* to rename; press *Cancel* to cancel rename.
Set as ringer	Set the selected MP3 song as a ring tone.
Detail	Display detailed information about the selected file, such as filename, size, length, format and storage location.
Send	Select to *Send by MMS* or *Send by Infrared*.

Using the MP3 control keys on the flip

Whether or not the MP3 will stop playing when you close the flip of the phone during MP3 playback depends on your settings in *Flip exit* option.

When the flip of the phone is closed, whether or not the keys on the flip can be operated depends on your setting as well.

When the flip is closed, the operations of the external keys are as follows:

Key	Operation
⊙	Start/ Pause/ Resume MP3 playback. Press to enter MP3 menu in idle mode.
◂ or ▸	Previous file / Next file
▴ or ▾	Adjust volume

Sound Recorder

This menu allows you to record a sound clip. After recording, you can save the recorded sound as a ringtone, or send the recorded sound via email.

How to record sound

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Multimedia* > *Sound Recorder*.
3. Press ⊙ to start recording.
4. Long press ⊙ to end recording.

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Key	Operations
Resume/ Pause	Resume recording / pause recording
Stop	Stop and save the recording. The recording will be saved under the default file name in My Files > Audio Album.
Play	Play the recorded file.

5. You can also press Options to carry out the following operations:

Options	Provides the following: Record new: Record new sound. MMS limit: You can choose to Activate or Deactivate (Default) this option. If you select Activate, the size of the recorded sound wil be smaller than the maximum size limit of the MMS. The recording will stop automatically when the recorded sound reaches the maximum size limit.

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5. Messages

SMS

SMS enables you to send text messages to the other party, which is a convenient and affordable mode of communication. You can use the SMS menu to send messages to another handphone or a device that is capable of receiving SMS.

Your phone can store up to 1000 messages. Once you have reached 1000 messages, the screen will flash a SMS icon to alert you. You need to delete some messages in order to receive new ones.

1. In idle mode, press ⊙ to enter the main menu.
2. Select Messages > SMS and press ⊙. Or, press ▸ in idle mode to enter SMS menu directly.

Write message

You need to enter the correct message centre number before you can send SMS. The number can be obtained from your network operator.

1. In idle mode, press ⊙ to enter the main menu.
2. Select Messages > SMS > Write message and press ⊙. The SMS editing screen will appear.
3. Enter the phone number of the recipient in the text box right after Recipient or press ⊙ or Options, then select Phonebook to access phonebook list.
4. Press ▲/▼ to select a number from the list and press ⊙ to select/cancel. Then press OK to return to SMS editing screen.
5. After you have entered the recipient, press ▼ to enter SMS editor.
6. Enter the SMS content in the SMS editor and press ⊙ or Options to carry out the following operations:

Send now	Send the SMS without saving it in the Sent box. If the SMS is sent successfully, the screen will return to the previous menu; if it is not sent successfully, it will return to the message editing screen.
Send & save	Send and save your SMS. If the SMS is sent successfully, it will be saved in the Sent folder and return to the previous menu; if it is not sent successfully, it will return to the message editing screen.
Save	Save the SMS.

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Save as user defined	Save the SMS as user defined for use in the future.
Icon	Open the icon list, select an icon and insert it at the end of the SMS.
Insert defined SMS	This menu allows you to *Add*, *Insert*, *Modify*, *Delete* your self-defined SMS, which can be categorised as "User define","Information", "Questions", "Appointment" and "Greetings". It allows you to insert the self-defined SMS at the cursor position.

If your SMS is not sent successfully, you can resend it. If your SMS cannot be sent successfuly after several attempts, please check if your SMS centre number has been set correctly.

When editing SMS, for certain reasons (such as an incoming call, out of battery), you are forced to exit from the SMS editing screen before you managed to send or save your message successfully, the edited message will be saved automatically. The next time you enter the SMS editor, the message will be displayed on the screen.

Inbox

The Inbox stores the SMS you have received.

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Messages* > *SMS* > *Inbox* and press ⊙.
3. If there are messages in the Inbox, they will be listed on the screen in the order they were received (the most recent message will appear at the top of the list).
4. Press ▲/▼ to select a message. When a message is selected, its contents will be displayed on the screen.
5. Press *Options* and select *Delete*, *Delete all* or *Move to phone*. If you select *Delete*, the selected message will be deleted; if you select *Move to phone*, the selected message will be moved to the folder you have specified; if you select *Delete all*, all the messages in the Inbox will be cleared.
6. Select a message in the Inbox and press ⊙ to enter the next screen whereby the message details will be displayed. Press *Options* to carry out the following operations:

Reply	The sender's number will be used as the destination number automatically and the SMS editor will be activated. Enter your reply and send the message.

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Forward	When you select *Forward*, the contents of the selected message will appear in the SMS editor. You may edit the message before sending.
Delete	Delete the message from the Inbox.
Dial	Extract the sender's number from the message and dial the number.
Save number	If the sender's number is not stored in the phonebook, this option will appear. You need to enter the name and select the location in which the number will be stored (SIM phonebook or phone).
Save number from text	If the message contains a number string of 5 or more numbers, this option will appear. When you select this menu, the screen will display the number strings containing 5 or more numbers (maximum 10 number strings). Press ▲/▼ to select a number string, then press *Options* and select *Save*. The screen will return to the number string list after saving.
Move to phone	If the SMS is stored on the SIM card, this option will appear.

Sent box

The Sent box allows you to save the messages you have sent succesfully and which you have chosen to save before sending.

1. In idle mode, press to enter the main menu.
2. Select *Messages* > *SMS* > *Sent* and press .
3. If there are messages in the Sent box, they will be listed on the screen.
4. Press ▲/▼ to select a message. When a message is selected, its contents will be displayed on the screen.
5. Press *Options* and select *Delete* or *Delete all*. If you select *Delete*, the selected message will be deleted; if you select *Delete all*, all the messages in the Sent box will be deleted.
6. Select a message in the Sent box and press to enter the next screen whereby the details will be displayed. When you press *Options*, you can carry out the following operations:

Send now	Send the SMS to the recipient.
Forward	When you select *Forward*, the contents of the selected message will appear on the SMS editor. You may edit the message before sending.
Delete	Delete the message from the Sent box.

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Outbox

The Outbox saves the messages not sent successfully, or messages you have chosen to save after editing.

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Messages* > *SMS* > *Outbox* and press ⊙.
3. If there are messages in the Outbox, they will be listed on the screen.
4. Press ▲/▼ to select a message. When a message is selected, its contents will be displayed on the screen.
5. Press *Options* and select *Delete* or *Delete all*. If you select *Delete*, the selected message will be deleted; if you select *Delete all*, all the messages in the Outbox will be deleted.
6. Select a message in the Outbox and press ⊙ to enter the next screen whereby the details will be displayed. When you press *Options*, you can carry out the following operations:

Send now	Send the SMS to the recipient.
Forward	When you select *Forward*, the content of the selected message will appear on the SMS editor. You may edit the message before sending.
Delete	Delete the message from the Outbox.

Settings

Service center number

This menu allows you to save and edit the SMS service center number of your home network. If the service center number is empty, you will not be able to send any SMS.

Validity period

Allows you to select the duration by which your messages will be stored in the service center. You can select from : *12 hours*, *1 day*, *1 week* and *Maximum* (default). Press ◄ / ► to select a value.

This option is useful when your recipient is not connected to the network and is not able to receive your messages immediately.

This feature is subscription dependent.

Status report

You can select *On* or *Off*. This option allows you to set whether or not to notify you the send status of your messages: successfully sent to the recipient, or not sent successfully.

This feature is subscription dependent.

Reply path

You can select *On* or *Off*. If set to *On*, when the recipient select *Reply*, the message will be sent using your service center and not his or her service center.

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This feature is subscription dependent.

Signature

You can select On or Off (Default is Off). If set to On, the signature will be added to the end of your message before it is sent to your recipient.

If the SMS is too long after adding the signature, the signature will be ignored.

Select memory

You can select the preferred storage location of your messages: SIM card (Default) or Mobile phone.

User define SMS

You can preset up to 10 frequently used messages. This menu allows you to send, add, modify and delete your preset messages.

1. In idle mode, press to enter the main menu.
2. Select Messages > SMS > User define SMS and press .
3. Press ▲ or ▼ to select a message and press to enter the next screen to edit the message.
4. Press to save or press Clear/Back to clear the message or return to the previous menu.
5. Press Options to carry out the following operatons:

Add	Add new preset messages. When you select this menu, you will enter a screen whereby you can edit the new preset message. Press Save to save the message.
Send	Enter the SMS editor to edit the selected preset message and then send the message.
Modify	Modify the selected preset message.
Delete	Delete the selected preset message.

Capacity

Allows you to check the total number of SMS, maximum number of SMS allowed, as well as usage percentage. It also allows to check the number of SMS in each message box.

Voice mail

You can forward your calls to your voice mailbox (the phone number for callers to leave a message) via the Call forwarding feature.

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Call voice mail

When you receive a voice mail, the phone will send you an alert. You can then call your voice mailbox number to retrieve your voice mail.

In idle mode, long press 1 to call your voice mailbox directly. If the number is empty, you will be prompted to enter the number.

Voice mail number

Generally, you can obtain two sets of numbers from your network provider:

- number for the caller to leave a message (this number can also used for Call Forwarding)
- number for you to retrieve your voice messages

Broadcast SMS

This is a network service which allows you to receive text messages of various contents, such as news, traffic, etc. These messages are provided by the network to the subscribers within a certain network area. If this service is available, the network will provide you with the broadcast channel numbers.

Reception

You can set the reception of broadcast messsages *On* or *Off*. If you select *Off*, you will not receive any broadcast messages, even if you have set the corresponding channel numbers.

When you received a broadcast message, the message content will be displayed on the screen until you press *Back*. Broadcast messages will not be saved on your mobile phone or your SIM card. Once you exit from the message screen, you will not be able to read it again.

When you set this option to On, the stand-by time of your phone will be shortened.

Topics

You can add new channel numbers to the Topics list, so as to add new types broadcast messages which you can receive. The code is a number string containing not more than 3 digits.

MMS (network dependent)

Your phone allows you to send and receive multimedia messages, known as MMS, which features texts, pictures, sound and video clips. MMS can comprise one or several slides. Whether you send it to an e-mail address or to another mobile phone, the MMS will be played as a slide show.

Your phone can support 50 MMS (maximum 100KB). When the maximum of 50 MMS is reached, the screen will display a MMS icon to alert you. You will need to delete some old MMS in order to receive new ones.

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1. In idle mode, press ⊙ to enter the main menu.
2. Select *Messages* > *MMS* and press ⊙.

Before you can send MMS, you need to enter the correct MMS Center number and ensure that the network profile of your MMS ihas been correctly configured. You can obtain such information from your network operator.

New MMS

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Messages* > *MMS* > *New* and press ⊙ to open the MMS editor.
3. The cursor will first be positioned at the *Recipient* field. Enter the phone number of the recipient in the text box right after *Recipient*, or press ⊙ or *Options* to select *Phonebook* to enter the phonebook list.
4. Press ▲/▼ to select a recipient from the phonebook list and press ⊙ to select or cancel selection.
5. Once you have entered the recipient, press ▼ to enter the subject field. You can enter a subject of not more than 26 characters.
6. Press ⊙ or *Options* to edit the MMS. The following options are available:

Previous page	This option is available when there are 2 or more pages in your MMS. This menu allows you to view the previous page.
Next page	This option is available when there are 2 or more pages in your MMS. This menu allows you to view the next page.
Send	Send MMS. If sent successfully. the MMS will not be saved. If not, the MMS will be saved in the Outbox.
Add text/Edit text	Allows you to add/delete the MMS text. If the current MMS does not contain any text, *Add text* option will appear; if there are existing texts in your MMS, then *Edit text* will appear.
Add picture/ Delete picture	Open the pictures list for you to select and add pictures to your MMS. If there is an existing picture in your MMS, *Delete picture* option will appear.
Add audio/ Delete audio	Open the audio or MP3 folder for you to select an audio to be added to your MMS. If there is an existing audio in your MMS, *Delete audio* option will appear.

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Add video/ Delete video	Open the video folder for you to select a video to be added to your MMS. If there is an exiting video in your MMS, *Delete video* option will appear.
Add slide	Allows you to create multi-page MMS.
Delete page	This option is available only when the MMS contains more than one slide. This option allows you to delete the selected slide.
Preview	Allows you to preview the current MMS.
CC:	Add a recipient to the CC list. A maximum of 8 recipients can be added to the cc list.
BCC	Add a recipient to the BCC list. A maximum of 8 recipients can be added to the bcc list.
Page timing	Set the delay time between each slide.
Message information	Check the MMS information such as Subject, Recipient, CC, BCC and Object.

When there is more than one page, you can press ◂/▸ to view the different pages of the MMS. At the same time, the title bar at the top of the screen will display the current page you are viewing and the total number of pages in your MMS.

Inbox

Lists all your notifications, send/receive reports and read report. You can read or delete notifications and reports, you can also view, forward, reply to the MMS, display the MMS content or delete the MMS, etc.

An icon on the left of the MMS will indicate if the message has been read.

Enter the *Inbox*, and press ▴/▾ to select an MMS. Press *Options* to carry out the following operations:

View	View the selected MMS.
Reply	Reply to the sender. If the selected MMS has not been read, this option will not appear.
Reply all	If you select this option, the reply will be sent to all recipients including those in the CC list (if any). If the selected MMS has not been read, this option will not appear.
Forward	Forward the selected MMS.
Dial	Call the sender.

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Delete	Delete the selected MMS.
Delete all	Delete all the MMS from Inbox.

1. Once you have selected an MMS, press View or to enter the next screen to read the MMS.
2. The screen will display basic information regarding the MMS, such as the Sender, Subject, etc.
3. Press or to enter the next screen whereby the MMS will be played. When playing the MMS, you can press Stop to stop playing or wait until the MMS has finished playing.
4. After you have pressed Stop to stop playing, you can press Options to enter the options menu to carry out the following operations: Play, Rewind, Previous page, Next page, Save image, Save audio or Close.

Not all the above options will be available under every circumstances. For example, only when your MMS comprises a sound object will Save audio *appear on the screen, or when the MMS comprised of more than one page, will* Previous page *and* Next page *option appear.*

Outbox

The Outbox contains MMS that were not sent successfully.
Select a MMS from the Outbox and press Options to : View, Send, Delete and Delete all. If you select View, the subsequent procedures would be similar to the Inbox operations.

Sent

List the MMS that were sent successfully and which you have chosen to save before sending.
Select a MMS from the Sent box and press Options to : View, Send, Delete and Delete all. If you select View, the subsequent procedures would be similar to the Inbox operations.

Draft

List the MMS that were created and saved but were not sent, and MMS which were automatically saved before you were able to save or send them when you exit from the MMS editor.
Select a MMS from the Draft box and press Options to: View, Edit, Delete, Delete all. If you select View, the subsequent procedures would be similar to the Inbox operations.

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Settings

The *Settings* menu allows you to set your MMS center and personalize your MMS settings. The options include:

Send and auto-save Select whether or not to save the MMS automatically when you send it.

MMSC Allows you to enter or modify the MMS center number.

Network settings Allows you to carry out a series of network configuation, such as connection type, network account, gateway, user name, password, domain, port, etc to ensure that you are able to send/receive MMS correctly.

Read report You can set this option *On* or *off*. When set to *On*, a report will be sent to notify you if the MMS has been read by the recipient.

Status report You can set this option *On* or *Off*. When set to *On*, a status report wil be sent to notify you if the MMS has been received, rejected or failed to deliver.

Validity period Allows you to select the duration by which your MMS will be stored in the MMS center. You can choose from 12 hours to maximum. This is very useful when the recipient is not connected to the network, and is not able to receive your MMS immediately.

Priority This option allows you to set the priority level of your MMS. You can set *Low*, *Medium* or *High*.

Page timing This menu allows you to set the time delay between each slide.

Message retrieval This menu allows you to select *Immediate* or *Delayed* downloading of MMS messages when you are not in your home network.

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Maximum message size (KB)

Set the maximum MMS message size, default being 100KB (tbc).
Once you have set the maximum message size, you will not be allowed to insert attachments which are larger than the specified size, neither can create or receive MMS messages that are larger than the specified size.
If you have previously created and stored a MMS message which is larger than the size you have currently specified, the next time you edit the MMS message, you will be notified that the message is too big and you cannot edit it.

Capacity

This menu allows you to check the number of MMS stored, the memory utilised and the available space in each of the MMS message box.

Please note that the available MMS storage space may be reduced due to the presence of other documents such as pictures, videos, organizer and phonebook entries.

STK

The structure and name of the menu available is dependent on your SIM card which is configured by your network provider. The services will vary according to the different STK provider.

This menu provides a series of value-added services and the services available will vary according to the network operator. For details, please contact your network operator. Phones that support STK will have an additional STK menu. The menu contents are determined by your SIM card and you cannot modify them. The menu options may vary according to the type of STK and may be modified by the network operator.

E-mail

Managing e-mail accounts

If not included in your phone subscription, you must subscribe to an e-mail account and have received the settings information from your provider. In this case, all parameters are communicated to you by your provider and/or operator as described below and must be entered as given. In some cases, your operator might also be your e-mail service provider.

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This menu allows you to send and receive e-mails. Your phone might have been preconfigured with the required settings.

Creating a new account

To create a new account, select Options > New account from the account menu to open the account properties dialogue box. To return to previous page, select Options > Cancel. When you have completed the entry, select Options > Save to confirm. Use the account information supplied by your ISP (internet service provider) to set up the account properties correctly.

Use to control the centre options at the bottom of the screen. If the option involved selection of input method, press to toggle between numeric input or shift case. Press to select and input symbols from the pop out symbols table.

Remove an existing account

To remove an existing account, select the account from the list and select Options > Remove account from the account menu.

Change account properties

To change the properties of an existing account, select the account from the list and select Options > Properties from the options menu. This will open the account properties dialogue.

Open an account

To open an account, select the account from the list, and select Options > open from the main menu.

Writing e-mail

Write new e-mail

To write a new e-mail, first open your e-mail account. Select Options > New message to write a new e-mail. To write text using the stylus pen, use the stylus pen or left softkey to select T9 or national input.

Select e-mail address from address book

To insert an e-mail address from the address book, select the to field, and select Options > From address book. Select the record to insert the e-mail address into the to field. This is also possible for the cc and bcc fields.

Save e-mail address to address book

To save an e-mail address to the address book, select the to, cc or bcc field containing an e-mail address and select Options > to address book.

Send and receive e-mail

Send an e-mail

To send an e-mail, select Options > Send. This might bring up a message requesting airtime. Select yes to continue and send the e-mail.

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Save an e-mail and send it later

To save an e-mail and send it later, select *Options* > *Save*. This will save the e-mail in the outbox folder of the current account.

Receiving e-mail

To receive new e-mails, open your e-mail account and select *Options* > *Receive mail*. This might bring up a message requesting airtime. Select *Yes* to continue and receive new e-mails.

Reading e-mail

To read an e-mail, select your *Inbox* and select a message.

Reply to e-mail

To reply to an e-mail, first open the e-mail and select *Options* > *Reply*.

Forward e-mail

To forward an e-mail, open the e-mail and select *Options* > *Forward*.

Move e-mail

To move an e-mail to another folder, open the e-mail and select *Options* > *Move*. Select the destination folder and select *Move*.

Address book

Open the address book

To open the address book, select *Options* > *Address book* from the account menu.

New record

To add a new record to the address book, select *Options* > *New record*. This will open the record properties dialogue. Enter a name and the corresponding e-mail address and select *Save* to save the new record.

Edit record

To edit an existing record, select the record from the record list, and select *Options* > *Edit record*. This will open the record properties dialogue. Edit the name and/or e-mail address, and select *Save* to save the changes.

Remove record

To remove a record, select the record from the record list, and select *Options* > *Delete record*.

New message

To send a message to the selected address, select *Options* > *New message*.

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6. Phone Settings

Quick Settings

Quick Settings is a set of predefined settings which you can activate them quickly. Once activated, it will overwrite the current settings.

Your mobile phone has been preconfigured with the following six default modes: *Normal* (Default), *Silent*, *Meeting*, *Outdoors*, *Use in car* and *In flying mode*. Each mode has its default factory settings and you can only modify the settings for *Normal* mode. The other 5 modes can only be viewed, but cannot be modified.

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Settings* > *Quick settings*, and press ⊙.
3. Your phone has been preconfigured with a set of default modes.
4. You can activate one of the modes or make your own settings.
5. If the Quick Settings you have modified is the one which is currently activated, the changes will take effect immediately.

You can modify the following settings:

Incoming call alert
Alarm clock alert
Games sound
Organiser alert
Message alert
Flip alert
Keypad tone
Call connect tone
Low battery alert
Rename profile

Phone Settings

Language

This menu allows you to set the display language of your phone menu.

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Settings* > *Phone settings* > *Languages*, and press ⊙.
3. Press ▲ or ▼ to select a language and press ⊙ to confirm.

Note that for some applications and menu, the language change will take effect only after you have switched off and switch on your phone.

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Clock settings

You can set the date and time.

1. In idle mode, press to enter the main menu.
2. Select Settings > Phone settings > Date and time, and press .
3. Press ▲ or ▼ to move to date and time fields.
4. After you have entered the date and time, press or OK to effect the change.

Shortcuts

You can set a shortcut key, for example, link a feature to a numeric key or navigation key. You can also modify or delete a shortcut key

1. In idle mode, press to enter the main menu.
2. Select Settings > Phone settings > Shortcuts and press .
3. When you enter Shortcuts menu, you will see a list of numbers for which you can set a shortcut key. You can set - keys and the four navigation keys as shortcut keys (navigation keys can be set for: long press/ short press). If no shortcut has been defined for the key, the screen will display Empty.
4. Press ▲ or ▼ to select a key and press or OK.
5. The screen will display a list of functions which you can select for quick access via the shortcut key. Select a function you wish to link to the shortcut key and press or OK to save the current setting.

Short cut keys can only be used in idle mode. If the use of your phone is restricted, shortcut keys will not work.

Short cut keys , , , have been preset and you can modify or delete them.

	Long press to enter "+" (cannot be modified).
	To lock/unlock the keys on the phone's flip (cannot be modified) .
	To switch between the current mode and Meeting mode. If you are not in Meeting mode, long press this key will switch to Meeting mode. If you are currently in Meeting mode, long press this key will close the Meeting mode and revert to Normal mode.

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The factory default settings of the shortcut keys are as follows:

1 : *Voicemail centre* (cannot be modified)
2 : *Alarm clock*
3 : *InfraRed On/Off*
4 : *Organiser*
5 : *Calculator*
6 : *Voice Recording*
7 : *Firewall*
8 : *Inbox*
9 : *Java*

Auto On/Off

Your phone supports Auto On/Off feature. You can turn this feature *On* or *Off*.

1. In idle mode, press to enter the main menu.
2. Select *Settings* > *Phone settings* > *Auto On/Off*, and press .
3. When you enter this menu, the cursor will be positioned at the *Auto on time* field.
4. When the cursor is on the *Auto On/Off* field, you can press to turn this feature *On*/*Off*.
5. Press ▲ / ▼ to move between *Auto on time* and *Auto off time*.
6. Enter the *Auto On/Off* time in hh:mm format (hh represents hour which can be from 0 to 23, mm represents minutes which can be from 0 to 59).
7. Press to save and exit or press *Back* to exit without saving.

Security Settings

PIN code

You can turn PIN protection feature *On* or *Off*. If you turn this feature on, you will be required to enter the PIN code when you switch on your phone. Without a correct PIN code, you will not be able to use any feature which requires the use of your SIM card.
You need to enter the PIN code to turn this feature on or off.

Change PIN code

You can modify the PIN code via this menu.

1. In idle mode, press to enter the main menu.
2. Select *Settings* > *Phone settings* > *Security Settings* > *Change PIN* and press .
3. Enter the old PIN code and confirm.
4. Enter the new PIN code and confirm.
5. Enter the new PIN code again and confirm. You will be notified whether the PIN change is successful.

Factory Default

Allows you to reset your phone to factory default settings.

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Display Settings

Idle screen

Idle screen type

You can select your idle screen display, such as a Digital Clock, Analog Clock, Calendar or World Clock.

Contracted idle screen

This option is only available for Digital Clock idle screen display. You can select *Animation* or *Static*.

Wallpaper

You can set the wallpaper of your idle screen. You can choose among three types of wallpaper as follows: (These wallpaper are only available for Digital Clock idle screen display)

Embedded pictures	The static background picture preset on your phone.
Animation wallpapers	If you select this wallpaper, only the time can be displayed in idle screen. Calendar will not be displayed.
Own pictures	Pictures you have received or downloaded from MMS, InfraRed, WAP or USB, and the pictures you have taken using the camera.

Color theme

You can set the colour theme of your mobile phone display. There are three types of color themes available for your selection:

1. Enter *Color theme* menu and press ▲/▼ to select a color theme.
2. Press *Preview* to see the effects of the color theme you have selected and press to confirm the selection of this color theme. The selected color theme will be indicated with a tick on its right.

Brightness

You can select from five brightness level and press ▲/▼ to select the level of brightness. Your selected brightness level will take immediate effect. You can then press or *OK* to save your settings.

Backlight

You can set the backlight duration to 10 seconds, 30 seconds or 60 seconds.

Greetings

When you select this menu, the text editor will be activated. You can edit the text greetings to be displayed after the power on animation when you switch on your phone. The maximum length of the text greetings is 20 Chinese characters or 40 English alphabets.

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Sound Settings

You can change the default ringtone of your incoming calls by selecting a new ringtone from the ringtone list. There are six caller groups in your phonebook. You can assign different ringtones to each of the caller group so that you will know who is calling you when your phone rings.

1. In idle mode, press ⊙ to enter the main menu.
2. Select *Settings* > *Ring settings* > *Incoming call ringer* and press ⊙.
3. When you enter *Incoming call ringer* menu, all the available ringtones will be displayed.
4. You can select which type of ringtone you wish to view, such as MP3, Wav etc, and assign different ringtones to the caller group currently displayed at the top of the screen.
5. Press ▲/▼ to switch between call group, ringer type and ringer list. Press ◀/▶ to select a call group or ringer type.

When browsing ringer list, the selected ringer will be played after a certain time delay at the current volume setting. (if the phone is set to mute, the ringtone will be played at a low volume level).

Alarm tone

You can set the alarm tone, alarm type and volume of the alarm.

SMS alert

You can set the SMS alert tone.

Switch tone

You can select whether the phone will emit an alert tone when you switch it on or off. You can turn this option *On* or *Off*. Default setting is *Off*.

Ring volume

There are 3 volume levels. The phone can also support progressive ring volume (a progressive ring volume icon will be displayed at the top of the ring volume indication). Once you have selected a ring volume, the volume will be applied to all the caller group ringers.

Alarm volume

There are 3 volume levels. The phone can also support progressive ring volume (a progressive ring volume icon will be displayed at the top of the ring volume indication). Once you have selected a ring volume, the volume will be applied to all the alarm groups.

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Connection Settings

Network settings

The network name will be displayed on the idle screen. If the phone is not able to identify the network name, it will display the country code and the network code of the unknown network.

Preferred Network

Preferred network list is stored in the SIM card. It specifies the priority by which the phone will register to the available network during automatic registration.

1. In idle mode, press to enter the main menu.
2. Select *Settings* > *Connectivity* > *Network settings* > *Preferred network* and press .

Preferred network

1. Press or *OK* to enter the menu.
2. The preferred list will be displayed. The most preferred network will be at the top of the list.
3. Press ▲/▼ to select a certain network and press or *Prefer*.
4. The screen will display *PLMN moved* and the selected network will be moved to the top of the preferred network list. This means it is the most preferred network.

Delete network

Displays a list of preferred networks. You can select a network from the list and press or *Delete* to delete the network from the preferred network list.

Add network

1. Press or *OK* to enter the menu.
2. The phone will start searching for available networks. The list of networks will be displayed on the screen.
3. Select a network from the list and press or *Add* to add the network to the bottom of the preferred network list.

Add existing networks

1. Press or *OK* to enter the menu.
2. The screen will display a list of existing networks. Select a network from the list and press or *Add* to add the network to the bottom of the preferred network list.

Add network code

1. Press or *OK* to enter the menu.
2. The editor will be activated for you to enter the country code and network code of the mobile network.
3. After you have entered the codes, press or *OK* to add the network to the bottom of the preferred network list.

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Attach GPRS

This option allows you to set the GPRS attach mode: *Always attached* or *Attached during PDP session*.

Register again

1. If you select this menu, the phone will start to search for available networks and the list of available networks will be displayed on the screen.
2. Press ▲ / ▼ to select a network and press ⊖ or *Register* to start registering to the selected network.
   If registration to the selected network fails, the phone will display *PLMN not allowed* and will register to the home network automatically.

Network account

You can set up to 5 network accounts. You can activate and use one of the network account. You can also modify the network account settings.

The settings for each network account are as follows:

Account name

To set the account name.

Bearer

There are 2 methods to access WAP: traditional GSM or GPRS. You can specify your settings here:

GPRS only	Connect via GPRS only.
GSM only	Connect via GSM only.

GSM settings

You can set the following:

Data call type	ISDN (Digital) or analog.
Phone number	Enter the phone number for dialling. The phone will call this number automatically when it goes into online mode.
User name	The user name for logging on to WAP server.
User password	Password required for log on.

GPRS settings

You can set the following:

APN setting	Set the name of the access point.
User name	The user name for logging on to WAP server.
User password	Password required for log on.

Infrared

Your mobile phone features infrared technology (also called IrDA), that allows you to send or receive data to and from other IrDA-compliant devices through a wireless link (e.g., another mobile phone, a PC or PDA, a printer etc.). You can use IrDA to quickly

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send a picture or voice recording to your friend's mobile phone, or receive pictures from their PDA.

Files that are copyright-protected cannot be sent. When connecting with a PC, make sure you have activated its infrared option.

Device positioning

Before sending or receiving data to and from another device, they must be correctly positioned relative to your mobile phone. Make sure that the respective IrDA ports are facing each other and are a maximum of 50 cm away from each other. Also make sure that nothing obstructs the IrDA beam.

Sending data

To send data via IrDA from your mobile phone, you must first select the item to be sent: for each category (picture, ringtone, etc), a sub-menu then gives you access to the *Send* option.

As soon as your phone finds another IrDA-compliant device to communicate with, the sending automatically takes place. Messages are displayed on the screen for you to follow the process.

If the phone finds several IrDA devices, a list is displayed on the screen for you to make a selection. Press ⊙ to confirm and send the selected data.

The sending will be cancelled if your phone is unable to detect the other device within a certain time limit, if the infrared link is broken, or if you cancel the process.

Receive data

Activate IrDA

To receive data, select *Infrared* > *Receive*. Your mobile phone is then ready to receive an item and waits for the other IrDA device to send it. When sending, messages are displayed on the screen to allow you to follow the procedures.

The receiving will be cancelled if your phone is unable to detect the other device within a certain time limit, if the infrared link is broken, the size of the file sent is too large for your phone, or if you cancel the process.

Saving the received data

Press ⊙ to enter the following options:

Save	The received data will be saved using a default filename. You can rename the data file via the corresponding menu option.
View	Display details of the received data (play music or display picture).

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Abort Delete the received data, press ⊗ to confirm deletion.

Using the phone as a modem

You can also use your mobile phone as a modem. Activate the IrDA data communication feature and link it with a PC or PDA. Your PC or PDA will be able to detect an external IrDA modem and you will be able to start using it. For example, establish a dial-up connection (the number must be supplied your network operator), carry our data synchronization with your PC (requires software tool), etc.

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7 • Call Settings

There are seven sub-menus in the Calls menu including, *Outgoing Calls*, *Answered Calls*, *Missed Calls*, *Delete*, *Calls Settings*, *Cost Info* and *Call filter* to help you manage your call cost.

Call list

This menu provides you with a call list consisting the records of your outgoing calls, missed calls and answered calls.

Enter the *Call list* menu, or press ▲ in idle mode to access the call list. The list contains: *Missed calls*, *Answered calls* and *Outgoing calls*. Select a call type to display records of that particular call type. The Missed calls, Answered calls and Outgoing calls list are sorted in chronological order, with the most recent call appearing at the top of the list.

Your phone is able to record up to 20 different phone numbers for each type of call record. Each number can record up to 5 most recent call time and date information.

1. Enter the call list and select a phone number from the list. Short press to call the number directly.
2. Press or *OK* to view the time details of the selected phone number.
3. Press *Options* to carry out the following operations:

Dial	You can select *Dial* or *Handsfree dial*.
Send SMS	Open the SMS editor and send a message to the selected phone number.
Edit number before dial	The predial screen will be opened. The selected phone number will be displayed on the screen. You can edit the number and press to dial the number, or press *Options* to select dial, send SMS or save the number.
Send phone number	Open the SMS editor and send the phone number to another party via SMS.
Delete	Delete the selected number.

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Check number	Check the selected number
Save	Save the selected number.

Call settings

This menu allows you set your call options (call forwarding, call waiting, etc).

Call forwarding

Allows you to forward all your incoming calls to your voice mail box or another phone number (regardless of whether the number is in your phonebook). This option is applicable to: *Data calls*, *Voice calls* and *Fax calls*.

Before forwarding the number to your voice mailbox, you need to set your voice mail number (see"Voice mail number" on page 35). This feature is subscription dependent.

Unconditional call forward

Unconditional call forwarding option will forward all your calls.

Warning! After you have selected this option, you will not be able to receive any incoming calls until you cancel this option.

Conditional call forwarding

This option allows you to select the conditions of your call forwarding. There are three conditions: *Call forward when no reply* (when you did not answer your calls),*Call forward when unreachable* (network is not able to reach your number) or *Call forward when busy* (your line is busy and your subscription does not include call waiting option or you have not activated the call waiting feature). These options can be set separately.

Select *Conditional call forwarding* or *Unconditional call forwarding*, then select the voice mail number or aother phone number by which you wish to forward your calls to. Or select cancel call forwarding.

Cancel forwarding

Allows you to cancel the call forwarding options individually.

Status

Allows you to check the status of your call forwarding.

Call barring

This menu allows you to restrict the use of your phone to specific calls by allowing you to prevent the reception or placement of different types of calls. This feature is network dependent and requires the call barring password supplied by your network operator. The types of calls you can bar include: *Incoming (All calls*

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or *When roaming)* and *Outgoing* (*All calls*, *International* or *Local calls only*) .

Under all conditions, Delete *option will be applied to all calls. The Status menu will indicate whether a certain type of call has been barred.*

Cancel barring
Allows you to cancel call barring.

Status
Allows you to check the status of your call barring.

Change PIN
Allows you to check the call barring password.

Call waiting

Call waiting features varies according to the network you are connected. (GSM or GPRS).

GSM

Allows you to set call waiting *On* or *Off* and can be used for: *All calls*, *Voice calls*, *Fax calls* and *Data calls*.
Once call waiting has been activated, your phone will display a call waiting screen and emit a beep tone when there is a second incoming call. You can select whether or not to answer the second incoming call. If you set this feature off, the phone will not alert you when someone tries to call you when you are already on the phone. The calling party will hear a busy tone. You can set this option *On*, *Off* or carry out *Status* check. Status check option allows you to check the call waiting status of your GSM calls.

This feature is dependent on your subscription. Please check with your network operator for details.

GPRS

When you are connected using GPRS, whether or not your phone will emit an alert to notify you that there is a second incoming call shall be determined by this menu. You can select *On* or *Off*.

Minute minder

To manage your calls duration, you can use this menu to select whether or not the phone will emit an alert to inform you of the duration of your call when you are on the phone (the other party will not hear the alert tone). You can also select the time lapse for the alert: Off , 40s , 50s, 55s.

Anykey answer

You can turn this option *On* or *Off* (default is Off). Once you have activated this feature, when there is an incoming call, you can press any key to answer the call, except and as they are used for the rejection of calls.

Auto redial

You can turn this option *On* or *Off* . When set to *On* and the party you wish to call is busy, your phone will

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redial the number automatically. The redial time lapse are as follows: First redial attempt is 0 seconds, second redial attempt is 5 seconds, third to fifth redial attempt is 1 minute, sixth to tenth redial attempt is 3 minutes. After the seventh redial attempt, the phone will stop redialling. A beep tone is emitted when the phone starts redialling the number. A special beep tone is emitted when the call is connected.
When there is an incoming call, the redial will stop automatically.

The redial time lapse will increase after every redial attempt.

Auto answer

Allows you to set the Auto Answer feature on or off. If set to On, the phone will answer the call automatically after 10 seconds.

Active flip

When set to On, you can simply flip open the phone to answer a call. The phone will emit a beep tone to indicate that the call has ended.

Send ID (network dependent)

Allows you to select whether or not to send your phone number to the called party.You can also check the status of this option: On or Off.
This menu allows you to select: On, Off, Default, Status.

1. If you select Default, the settings will be made according to the network settings.
2. Select Off or On will disable or enable the sending of your phone number to the called party. If your selection is not supported by the network, the screen will display "Not supported by network".

Call filter

Call filter feature provides a simple and quick method for you to avoid nuisance calls. Black list contains a list of phone numbers from which you do not wish to receive calls (maximum 30), while White list contains a list of phone numbers (maximum 30) from which you wish to receive calls, while all other calls will be rejected.

Black list

Allows you to add, check status, modify and delete your black list, which include 2 options: Add new number and Status. When you select Add new number, you can carry out the following operations:

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Option	Operation
New number	Open the phone number editor, enter the new number and save the number into the black list.
Phonebook	Open the phonebook list and select a phone number for saving into the black list.

Status option allows you to browse the black list. You can press ▲ / ▼ to select a particular number in the black list, then press Options to carry out the following operations:

Edit	Open the phone number editor to edit the selected number in the black list.
Delete	Delete the selected number in the black list.

White list

The method of operation is the same as "Black list" above.

Call filter settings

You can enable Blacklist, enable Whitelist or disable call filter (mutually exclusive).

Enable black list	Your mobile phone will reject calls from the Black list automatically.
Enable white list	Your mobile phone will only answer calls from the White list and reject all other calls.
Close filter	Disable calls filtering.

When you enable Blacklist/Whitelist, the reject icon/ accept icon will be displayed in idle screen.

Call meters

This menu allows you to display the last call, accumulated call timer, automatic call cost information and set the call duration alert tone and call cost display.

When you switch off your phone, the last call information will still be stored.

Last call	Displays the duration of the last call.
Last GPRS call	Displays the transfer volume of the last GPRS connection.

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Call timer	Displays the accumulated duration of your incoming and outgoing calls. You can also reset the timer.
Display cost	You can select *Display cost on* or *Display cost off* (default) to set whether or not the current call cost information is displayed on the screen. You need a PIN2 code for this setting.
Clear timer	Reset the call timer. You need a PIN2 code for this setting.
Show balance	Displays the current call balance (depending on the settings you have made to Call limit and Call cost).
Show limit	Displays the call cost limit.
Cancel limit	Cancel the call cost limit. Requires a PIN2 code.
Set limit	Allows you to set the call cost limit. Requires a PIN2 code.
Call tariff	Allows you to edit the unit cost. Requires a PIN2 code.

The phone will determine the call duration based on the call cost limit in accordance to the unit cost.

Call cost setting

This feature is only available only when your SIM card include call cost information. It allows you to check the call cost information of your current call as well as information on your recent calls.

Maximum accumulated call cost (ACMmax)

If the call duration exceeds the limit, your calls will not be connected, the phone will display "Call cost exceeded". In this situation, all paid calls will be disconnected.

Per unit call tariff (PUCT)

You can check and edit the per unit call tariff. Requires a PIN2 code. The call tariff information will be stored in the SIM card.

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8. My files

This menu allows you to store the files in different folders to manage your files more effectively. In addition, you can obtain information regarding your phone, such as number of files, memory utilised, percentage of memory utilised using the *Capacity* query menu.

The integrated pictures and ringtones of this phone are copyright-protected. You cannot delete, rename, forward or upload them. The folders in which these integrated pictures and ring tones are stored cannot be accessed by user. When you browse the phone using PC tools, you will not be able to view the folders.

Photos

When you enter this menu, the photos which you have taken using the phone's camera as well as photos you have downloaded via MMS, WAP, Infrared or USB will be displayed in a list.

1. Select *My files* > *Photos* and press ⊙ to enter *Photos* menu.
2. Press *Option* to carry out the following operations:

Options	Description
Grid view	The photos will be displayed in a grid view. At the same time, the option will change to *List view*. The settings you have made will be saved until you change it to *List view* the next time.
Preview	Enter the picture browser to view the picture in full screen.
Delete	Delete the selected photo. You will be prompted to confirm again before deletion.
Delete all	Delete all the files under the photo folder.
Rename	Rename the selected photo.
Slide show	If you select this option, the screen will display the full screen view of the photos in the form of slideshow every 4 seconds. Press any key to exit from slide show mode.

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Set as big picture	This option is available only when the selected photo is 128 * 160 or smaller. If you select this option, the phonebook list will be displayed. After you have selected a contact from the phonebook, press ⊙ or *OK* to associate the picture to the selected contact.
Set as wall paper	If the selected photo is 128*160 or smaller, it will be displayed as wallpaper in its original size. If bigger than 128*160, it will be re-sized to 128*160.
Save as MMS size	Re-size the selected photo to 128*160 and save as a new photo. This will not affect the original photo size.
Detail	Display detailed information of the selected photo, such as filename, file size, format and storage location.
Send	You can choose the method for sending for your selected photo: *Send by MMS* or *Send by infrared*.

Picture browser

After you have selected a picture either in grid or list view mode, press ⊙ or *Options*, then select *Preview* to enter the picture browser to browse the selected picture.

Press ▲ / ▼ / ◀ / ▶ to view the previous / next picture.

Press ⊙ or *Options* to access the options menu by which you can carry out the following operations:

Option	Description
Zoom	You can choose *Enlarge*, *Shrink*, *Best fit* or *Actual size* from the sub menu. You can press ▲ / ▼ / ◀ / ▶ to move the view of the picture if it becomes too big for the screen after you have selected enlarge or actual size. *This option is not available for Gif files.* *You can also select Enlarge, Shrink, Best fit or Actual size via the keypad: 2 to Enlarge, 3 to Shrink , 4 for Best fit, 5 for Actual size.*

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Delete	Delete the selected picture. You will be prompted to confirm before deletion.
Rename	Rename the selected picture.
Slide show	Display the pictures as a slide show every 4 seconds. Press any key to exit from slide show mode.
Set as big picture	This option is available only when the selected photo is 128 * 160 or smaller. If you select this option, the phonebook list will be displayed. After you have selected a contact from the phonebook, press ⊙ or *OK* to associate the picture to the selected contact.
Set as wall paper	If the selected photo is 128*160 or smaller, it will be displayed as wallpaper in its original size. If bigger than 128*160, it will be re-sized to 128*160.
Send	You can choose the method for sending your selected picture: *Send by MMS* or *Send by infrared*.

Videos

When you enter this menu, the videos which you have recorded using the phone's camera as well as videos you have downloaded via MMS, WAP, Infrared or USB will be displayed as a list.

1. Select *My files* > *Videos* and press ⊙ to enter *Videos* menu.
2. Press *Option* to carry out the following operations:

Options	Description
Play	Enter video player to play the selected video. You can also press ⊙ to play the video.
Delete	Delete the selected video. You will be prompted to confirm before deletion.
Delete all	Delete all the files under the video folder.
Rename	Rename the selected video.
Detail	Display detailed information of the selected video, such as filename, file size, format and storage location.

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Send	You can choose the method for sending your selected video: *Send by MMS* or *Send by infrared*.

Video player

Videos are played in full screen mode by default. When the video is not playing in full screen mode, the top of the screen will play the video image and the bottom of the screen will display a track indicating the play progress, total play duration, current duration, as well as volume level. You can press to switch to full screen view. When playing in full screen, the screen will rotate 90 degrees horizontally. The keypad operations when playing in full screen are as follows:

Key	Operation
	Start/pause playback.
▲ / ▼	Adjust volume level. The volume level selected will be stored.
◀ / ▶	Short press to select previous file/ next file. Long press to fast rewind/ fast forward.
soft key	Normal/Full screen, switch to full screen view.
soft key	Stop/back

MP3

All the MP3 files will be displayed on the screen as a list (including the MP3 files you have downloaded via MMS, Infrared or USB).

1. Select *My files* > *MP3* and press to enter *MP3* menu.
2. Press *Options* to carry out the following operations:

Options	Description
Play	Start the MP3 player to play the selected MP3. All the MP3 songs will be listed in the MP3 playlist area. Once the selected MP3 has finished playing, the other MP3 songs in the list will continue to play. You can also press to play the MP3.
Delete	Delete the selected MP3. You will be prompted to confirm before deletion.
Delete all	Delete all the MP3 under the MP3 folder.
Rename	Rename the selected MP3.

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Detail	Display detailed information about the selected MP3, such as file name, file size, length and format.
Send	You can choose to send your selected photo using: *Send by MMS* or *Send by infrared*.

Pictures

This menu includes 2 sub menus: *Embedded pictures* and *User defined pictures*. The pictures stored in *Embedded pictures* menu are pictures that are factory preset and copy-right protected. *User defined pictures* menu contains pictures which you have downloaded via MMS, WAP, Infrared and USB.

1. Select *My files* > *Pictures* and press ⊙ to enter *Pictures* menu.
2. Select *Embedded pictures* or *User defined pictures*. The pictures will be displayed in a list.
3. Press *Options* to carry out the following operations:

Options	Description
Grid view	The pictures will be displayed in grid view. At the same time, the option will change to *List view*. The settings you have made will be saved until you change it to *List view* the next time.
Preview	Enter the picture browser to view the picture in full screen.
Delete	Delete the selected picture. You will be prompted to confirm again before deletion.
Delete all	Delete all the pictures under the pictures folder.
Rename	Rename the selected picture.
Slide show	If you select this option, the screen will display a full screen view of the pictures in the form of a slideshow every 4 seconds. Press any key to exit from slide show mode.

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Set as big picture	This option is available only when the selected picture is 128 * 160 or smaller. If you select this option, the phonebook list will be displayed. After you have selected a contact, press ⊙ or *OK* to associate the picture to the selected contact.
Set as wall paper	If the selected picture is 128*160 or smaller, it will be displayed as wallpaper in its original size. If bigger than 128*160, it will be re-sized to 128*160.
Save as MMS size	Re-size the selected picture to 128*160 and save as a new picture. This will not affect the original picture size.
Detail	Display detailed information of the selected picture, such as filename, file size, format and storage location.
Send	You can choose the method for sending your selected picture: *Send by MMS* or *Send by infrared*.

The available options under Embedded picture menu are: Preview, Set as wall paper and Detail.

Audio library

Your phone manages audio files the same way as it manages pictures. The preset music files are commonly stored in *My Files* >*Sounds*> *Standard sound*, while the MP3 files are commonly stored in *My Files* > *Mp3 library* and other audio files are stored in *Sounds* > *User defined sound*.

This menu includes 2 sub menus: *Standard sound* and *User defined sound*. The sound stored in *Standard sound* menu are sounds that are factory preset and copy-right protected. When you move the cursor to *Standard sound* list, the phone will play the sound. *User defined sound* menu contains sound which you have downloaded via MMS, WAP, Infrared and USB.

1. Select *My files* > *Sounds*, and press ⊙ to enter *Sounds* menu.
2. Select *Standard sound* or *User defined sound*.
   The sounds are displayed on the screen as a list.

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3. Press *Options* to carry out the following operations:

Option	Description
Delete	Delete the selected sound. You will be prompted to confirm before deletion.
Delete all	Delete all the files under the selected sound folder.
Rename	Rename the selected sound.
Set as incoming call ringer	Set the sound as an incoming call ringer.
Details	Display detailed information about the selected sound, such as filename, size, length and format.
Send	You can choose the method for sending your selected audio: *Send by MMS* or *Send by infrared*.

The available options under Standard sound *menu are:* Set as incoming call ringer *and* Details.

Memory capacity

Select this menu to display the total memory capacity of the phone, used memory and usage percentage.

Storage card information

View the files stored in the external memory card.

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9. Phonebook

Your phone features two phonebooks. The SIM phonebook is located on your SIM card and the number of phonebook entries you can store depends on the SIM card. The second phonebook (Smart phonebook) is integrated in the phone memory and the maximum number of name cards you can store is 500. (a namecard can consist of a name, 5 phone numbers, email address, company name, address, postal code and a note).The latter is the default phonebook, but the entries in the two phonebooks are combined, sorted and displayed as a list. When you add a new contact to your phonebook, the new contact will only be added to the phonebook you have selected.

You can store up to 500 name cards provided other feaures in the phone such as Organizer, Schedules, Sound, Pictures and Videos, etc) did not use up a large amount of the phone's memory space.

List

The phone list displays a list of names. An icon on the right of each name indicates its storage location. If its a SIM card phonebook entry, there will be a SIM card icon, if its a Smart phonebook record, there will be a default number field icon (if you have not entered the phone number, the field icon of your entry will be displayed).

Enter

1. In idle mode, press to enter the main menu.
2. Select *Phonebook* > *Enter* or press ▾ in idle mode to enter the phonebook list directly.
3. Press ▴/▾ to select an entry, press to call the number directly, or press *Options* to carry out the following operations:

Option	Description
Add new	Create a new phonebook entry
Search	Enter the first letter of the name you wish to search.
Dial	Dial the selected number. The options include: *Dial* or *Handsfree dial*.
Send SMS	Send a SMS to the selected contact.

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Send MMS	Send a MMS to the selected contact.
Send namecard	Send the record in text format via SMS. (note: as there are limitations to the length of an SMS, if there are too many numbers in a record, it may not be sent completely).
Send by infrared	Send the namecard to an IrDA device.
Edit	Edit the selected record.
Delete	Delete the selected record.
Speed dial	Assign a speed dial key for the selected record.
Copy to phone	If the record is in the SIM card, it will be copied to the phone. The phone number in the SIM card record will be placed in the default number field when copied to the phone (it will be set as the default phone number automatically).
Copy to SIM	If the selected record is in the phone, it will be copied to the SIM card phonebook. If there are non-phone number fields in the record (such as email, notes, address, postal code), these fields will be discarded when the record is copied to the SIM card.
Move to phone	If the selected record is in the SIM card. The operation is the same as copy, except that the source record will be deleted once the record has been moved.
Move to SIM	If the selected record is in the phone. The operation is the same as copy, except that the source record will be deleted once the record has been moved.
Handsfree call	Dial the number and talk in handsfree mode.

You may not be able to access the phonebook immediately when you switch on your phone, as the phonebook takes some time to initialize.

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SIM phonebook

A SIM card record contains a name (maximum 14 characters) and a phone number (maximum 40 digits) . Press ▲/▼ to select an entry and press ⊙ to display detailed information of the entry. Press *Options* to carry out the following operations:

- *Edit*
- *Delete contact*
- *Send SMS*
- *Send by MMS*
- *Send by infrared*
- *Dial*
- *Delete*
- *Send namecard*
- *Cancel big picture* (if you have not set big picture, this option will not be available)
- *Speed dial*
- *Edit*
- *Copy to phone*
- *Move to phone*

Phone's Phonebook (Smart phonebook)

The entries in the Smart phonebook are called *Namecards*. A namecard contains the following information:

- *Name* (Maximum 40 characters)
- *Phone number* (Maximum 40 digits)
- *E-mail* (Maximum 48 characters)
- *Mobile number*
- *Office number*
- *Home number*
- *Fax number*
- *Address* (Maximum 60 characters)
- *Postal code* (Maximum 10 digits)
- *Company* (Maximum 128 characters)
- *Notes* (Maximum 48 characters)

Every namecard (created by user) must include a name (mandatory), and at least one other information.

Press ▲/▼ to select an entry in the entry list and press ⊙ to display detailed information of the entry. Press *Options* to carry out the following operations:

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- Edit
- Set as default (This option will not appear if the selected entry only has one number)
- Delete
- Speed dial
- Send SMS
- Copy to SIM
- Send MMS
- Move to SIM
- Send namecard
- Send by infrared
- Dial

Search

You can search for the phone number you have stored in the SIM card or smart phonebook using the Search menu (English names will appear at the top of the list and sorted in alphabetical order; while Chinese names will appear after the English names and sorted in Pinyin order).

1. Enter the menu and input the initial letters of the name you wish to search for matching records in the phonebook.
2. If there are matching records, the screen will scroll to the first matching record. Otherwise, it will simply display the first record in the phonebook.
3. Or press ⊙ to enter the phonebook list directly and press ▲/▼ to browse the list.

For English alphabets, the search is not case-senstive. Hence there is no difference whether you enter "ABC" or "abc".

Add new

The storage location of your new entry is dependent on your settings in the Select memory menu. By default, the new entry will be saved on your SIM card. If you have selected your preferred location in Select memory menu, then the new entry will be saved in the location you have selected.

SIM

If the current storage location is SIM card, then Add new will allow you to Add/Delete big picture, enter name (maximum 12 characters) and phone number (maximum 41 digits) .

1. Enter the name and phone number (press ▲/▼ to move between Big picture, name and number fields).

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2. When the cursor is on the Big picture field, press ⊙ or Option to select Set big picture to enter My files menu, which allows you to select pictures from Photos and Pictures menu.
3. When the cursor is on the Big picture area, press ⊙ to open the pictures list. You can select a big picture for the contact and press ⊙ to save, then press to exit.
4. When the cursor is on the name and number fields, use the keypad to enter the name or number directly. Press ◂ / ▸ to move the cursor.
5. Press Options to carry out the following operations:

Option	Description
Save	Save the new entry.
Set big picture	If you have already assigned a big picture to the new entry, this option will not appear.
Edit big picture	If you have not assigned a big picture to the new entry, this option will not appear.
Cancel big picture	If you have not assigned a big picture to the new entry, this option will not appear.

Phone

If the current storage location is phone, then Add new will allow you to Add/Delete big picture, enter group, name, phone number, email, address, company, postal code and notes.

1. Enter the different types of information by pressing ▴/▾ to switch between the different entry fields (such as number, email etc).
2. You can also assign a caller group to the name card. Press ▴/▾ to switch to caller group field and press ◂/▸ to select a caller group.
3. When on the big picture field, press ⊙ to open the pictures list and assign a big picture to the name card.
4. Once you have finished entering all the information, press OK to save.
5. You can then edit, delete, set the default field for your newly created name card.

A phonebook record, whether in the SIM card or on the phone has to include at least a name and a non-name field.

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Capacity

This menu allows you to obtain the following information pertaining to the SIM card and phonebook:

- Used capacity
- Total capacity
- Usage percentage

Storage location

If you have selected the phonebook type, (SIM or phone), the new entry will be saved to the corresponding phonebook when you add new record.

Delete all

You can select *Phonebook* > *Delete all* to delete all the records in your SIM card and smart phonebook at once. The records cannot be recovered once they are deleted. Therefore, you will be prompted to confirm before deletion.

Copy all

From SIM to phone

As long as the phonebook memory is not full, you will be able to copy the SIM records one after another until every record is copied to the smart phonebook, or until the phone memory is full.

From phone to SIM

As long as the SIM card memory is not full, you will be able to copy all the phone records one after another until every record is copied to the SIM card, or until the card memory is full.

A namecard in the smart phonebook can hold up to 5 phone numbers. Therefore, all the phone numbers in the namecard will be copied to the SIM card, whereby each number will occupy one record. The names on these records will be the same as that of the name field in the namecard. If a phone record does not have a phone number field, the record will be skipped.

Move all

Similar to *Copy all* operation above, except that the source records will be deleted after the records are moved to the new location.

For phone records, non-phone number fields in the namecard (such as e-mails, notes, addresses, postal codes) will be discarded after they are moved to the SIM card.

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Group settings

You can assign groups to the namecards in the smart phonebook. The available groups are: *Default*, *Family*, *Friend*, *Colleague*, *Society* and *Private* (you may change the group name and the corresponding group icon) . You can differentiate the groups by assigning different ring tones for each group.

Own info

This menu allows you to enter, show, send, edit or delete your personal information.

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10. Entertainment

JAVA (Third-party application)

Your mobile phone features a Java run-time environment, which allows you to run Java applications, such as games downloaded from the network.

Settings

Auto launch

Allows you to set the automatic launch of Java to *On* or *Off*. When set to *On*, the Java application will be launched immediately following installation.

Network access

Bearer Select bearer.

- *GSM* or *GPRS*: your mobile will only use GSM or GPRS network for e-mail connections.
- *GPRS first*: your mobile will first try to connect to GPRS network, then to GSM network if GPRS network is not available.

Selecting the above option requires you to have both GSM and GPRS settings configured. See page 48 for details.

DNS address Allows you to enter the DNS address of the external data network you want to connect to.

Network account Allows you to select one of the data profiles you have defined in *Settings* > *Network* > *Access settings* (see page 48).

Java Application

A warning message will prompt you the amount of time required for first installation. Press ⊖ to continue and wait for the installation to complete.

When JAVA windows is displayed, you can press ⊖ to access games list. Select a game from the list and press ⊖ again to activate or start the game.

Press *Exit* to stop JAVA aplication, or press *Menu* to access the available options list to create and manage your new folder.

Bio-rhythm

Based on the birth date you have entered, Bio-rhythm draws a cyclical graph indicating your energy level, IQ and mood changes. You can also check your conditions of the previous day (), next day (), last month (▲) and next month (▼).

1. Enter *Bio-rhythm* menu and select *Birthday* to enter the birth date.

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2. Select *Graphs of today* to start drawing the cyclical graph based on the birth date you have entered. In the main screen of the cyclical graph, you can press *Enter date* to enter the date editing screen (the title being Graphs of anyday), after you have entered the date, press or to check the cyclical graph of anyday.

Constellation

This menu allows you to check your luck conditions for a particular day of the year. After setting your horoscope, you can display your luck for the current day or your selected day.

If you know your horoscope sign, you can select it from *Select constellation* menu, otherwise, you can select *Set birthdate*, or select *Today* or *Other date*, to check your luck for the selected day.

1. Enter *Constellation* menu, the screen will display the 12 horoscope signs in a 4 x 3 grid. You can press ▲ / ▼ / ◀ / ▶ to make your selection.
2. Press to confirm.

Constellation is not available in English. If your language setting is English, this menu will not appear and you will not be able to enter the menu.

3. You can also press *Enter date* to enter the date entry screen, the date format is XXXXyearXXmonthXXday.
4. Once you have completed, press *OK*; the screen will display "*XX horoscope XX month / XX day* luck:.....".
5. In the details screen, press *Anyday* to enter any date.
6. Press *Clear* or *Back*.
7. Once you have completed, press *OK*, the screen displays *XX horoscope XXmonth / XX day* luck:.....".
8. Press *Back* to return to previous menu.

In any menu level, you can press Back to return to the previous menu.

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11. Tools

Lady application

X-Ovulation

Provided by third party.

BMI-Body Mass Index

BMI is the recommended method for measurement of overweight in adults. The borderline for overweight and obesity is determined by BMI which is closely linked to body fat. You can measure your weight index using the BMI menu.

BMI is calculated by using the weight divided by the height in squares. In the calculation, weight is in kilogrammes, while height is in metres. The formula is as follows:

BMI= [weight (kg)]/ [(Height) metres x (Height) metres]

1. When you enter the menu, the cursor will be in the weight field. Use the keypad to enter your weight. Press ▲ / ▼ to switch the cursor between weight and height fields.

To facilitate weight and height input, the unit of measurement for weight is kilograms (kg) and the measurement for height is centimetres (cm). However, in the calculation of BMI, your height in centimetres will be converted to metres.

Weight ranges between 10 to 200 kg. Height ranges between 10 to 300 cm.

2. After you have entered the height and weight, press Calculate or to start calculation. The results will be displayed at the bottom of the screen. Besides displaying your BMI, the interpretation of your BMI results will also be displayed in the following manner:

16 or below	Cacotrophia
16 - 18.5	Underweight
18.5 - 24.99	Normal weight
25 - 29.99	Overweight
30 - 39.99	Obesity
40 or higher	Morbid Obesity

3. After you have done the calculation, press Clear to clear the entry fields and the calculation results, so that you can perform another calculation.

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Basal Metabolic Rate (BMR)

Basal Metabolic Rate is the mimimal caloric requirement required to sustain life in a resting or sleeping individual that is not subject to the influence of stress, hunger, muscular activities, ambient temperature and health conditions. Basal Metabolic rate reflects an individual's metabolic condition and has been considered as a reference for weight control and the maintenance of health. Basal Metabolic rate, to a certain extent, can reflect whether the individual is suffering from a certain disease such as thyroxin.

The formula for calculating BMR provided by your mobile phone is the Harris-Benedict formula, which is as follows:

Female: BMR = 655 + (9.6 x weight in kg)+(1.8 x height in cm)- (4.7 x age)

Male: BMR = 66 + (13.7 x weight in kg)+(5 x height in cm)- (6.8 x age)

In the above method of calculation, the unit for weight is in kilogrammes and the unit for height is in centimetres. As it takes an individual's age factor into consideration, this method of measurement is more precise.

Take for example a 68 kg, 168 cm tall, 21 year old male; his daily Basal Metabolic Rate (BMR) will be : 66+(13.7x68)+(5x168)-(6.8x21)=66+932+840-143=1695 calories.

1. When you enter the menu, the cursor will be in the gender selection field. Press ◂ / ▸ to select gender (Male/Female), press ▲ / ▼ to switch between age, weight, height fields and enter the values using the keypad.
   Age is in years, height is in kilogrammes and weight is in centimetres.

Weight ranges between 10 to 200 kg, age ranges between 1 to 200 and height ranges between 10 to 300 cm.

2. After you have entered the height and weight, press *Calculate* or ⊙ to start calculation. The results will be displayed at the bottom of the screen. After calculation, press *Clear* to clear the entry fields and the results of the calculation to perform another calculation.

Shopping list

Shopping list provides a convenient way for you to record the items you wish to buy. You can view, add, modify or delete the shopping list.

1. When you enter the menu, the screen will display a list of items you have already added to the list. If the list is empty, it will display *List empty. Create it Now?*

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2. Press OK to create a shopping list. Press Cancel to return.
3. If you have already created a shopping list, the lists will appear on the screen. Press ▲ / ▼ to select a shopping list.

The shopping list will be sorted according to its date of creation. The last created list will appear first and indicated with a green icon.

If the date of the shopping list is close to the current system date (1 day limit), then the shopping list will be moved to the top of the list and indicated with a red icon. For example, if today is 5 October and the date of the shopping list is 6 October, and the system date of your phone is 5 October, the list will be moved to the top of the list. When a shopping list has expired, it will be indicated with a grey icon.

4. Press Options to carry out the following operations:

Options	Description
Add new	Create a new shopping list.
View	Browse the selected shopping list to view its details.
Edit	Edit the selected shopping list.
Delete	Delete the selected shopping list.
Delete all	Delete all the contents of the shopping list.

Create a shopping list

Select Add new shopping list to enter the add new shopping list screen to create a new shopping list. You can create a maximum of 30 shopping lists.

1. Press ▲ / ▼ to switch between the various entry fields. You can enter the following information: Item, store, date, unit price, quantity and select whether or not the item has been purchased.
2. When the cursor in the date, unit price, quantity entry fields, enter the values using the keypad. To enter decimal point for unit price, long press .
3. When the cursor is in the completion selection field, press ◄ / ► to select Finish or Not finish (default).

The maximum length of a store name is 40 characters. The maximum number of digits for unit price is 10.

4. When you have completed, press Save or to save the shopping list.

Please note that all the fields in the shopping list are mandatory and cannot be left empty.

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My card

My card menu allows you to manage your cards, such as membership cards, bank cards, credit cards, debit cards etc. When you forgot to carry your cards, you can use this menu to check your card information or even enjoy accumulation of points, bonuses, etc.

1. When you enter the menu, the screen will display a list of cards which you have added. If the list is empty, the screen will display List empty. Create it Now?
2. Press OK to open the add card screen to add a new card information. Select Cancel to return.
3. If the card information has been created, the screen will display the list of card issuers and the type of card will be indicated on the left of the card list.

The card information will be listed according to the date of creation. The last created card will appear at the top of the list.

If the effective date of the card relative to the system date of the phone has expired, then the card will be moved to the bottom of the list and will be indicated with a green icon.

If the date of the card information is close to the current system date (30-day limit), then the card information will be moved to the top of the list and indicated with a red icon. For example, if today is 1 October and the expiry date of the card is 31 October, and the system date of your phone is 1 October, the card will be moved to the top of the list until it expires.

4. Press ▲ / ▼ to select a card and press Options to carry out the following operations:

Option	Description
Add new	Create a new card information.
View	Browse the selected card for details.
Edit	Edit the selected card information.
Delete	Delete the selected card information.
Delate all	Delete all the card information in the list.

Create new card information

Select Add new to access new card information creation screen to create a new card information. You can create a maximum of 10 card information.

1. When you enter the add new screen, the cursor will be in the card type selection field.

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2. Press ◂ / ▸ to select a card type; after selection, press ▲ / ▾ to switch between the different entry fields: Name, card number, note, expiry date and phone.

The maximum length for name is 40 characters, card number is 30 digits, phone number is 41 digits, notes is 60 characters.

3. When you have finished, press Save or OK to save the card information.

Please note that except for note and phone number fields, the rest of the fields are mandatory and cannot be left empty.

Discount Manager

This menu allows you to calculate the discounted price of an item. The calculation for discounted price varies according to the language settings.

When the current language setting is Chinese, the method of calculation is:

Original $*(Discount rate/10)

When the current language setting is English, the method of calculation is:

Original $*(100-Discount rate)/100

As the method of calculation varies according to language settings, the entry fields also vary.

When the current language is Chinese, the screen will prompt you to enter the original price and *n* discount rate.

1. Press ▲ / ▾ to switch between the two entry fields.

The maximum length for original price is 10 digits and the maximum length for n is 3 digits (including decimal point and the number after the decimal point). Long press 0+ to enter decimal point.

2. Press Calc or OK to display the calculation results on the screen.
3. Press Clear to clear the results and continue with the next calculation.

Price comparison table

This menu allows you to enter a product of different brands at different stores. As such, it enables you to identify which is the cheapest store selling the product.

1. Enter the menu, the screen will display a list of products. If the list is empty, the screen will display List empty. Create it Now?.
2. Press OK to open add new product information screen; press Cancel to return to the previous screen.

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3. If product information has been added, the screen will display a list of all products and the brands of the product will appear on the left of the list, such as "Dove", while the product type will displayed on the right of the list, such as "Chocolates".
4. Press ▲ / ▼ to select a product information and press Options to carry out the following operations:

Options	Description
Add new	Create a new product information.
View	Browse the details of the selected product information.
Edit	Edit the selected product information
Delete	Delete the selected product information
Delate all	Delete all the product information in the list.

Create product information

Select Add new product information to enter add new product information screen to create a new product information. You can create a maximum of 20 product information.

1. Enter add new product information screen; press ▲ / ▼ to switch between the different entry fields and enter the following information: Brand and name, five store names and the corresponding prices at each of the store.

The maximum price you can enter is 10 digits. The maximum length of the brand and store, is 40 characters. Long press 0+ to enter decimal point.

2. You can also add a note for the store. Press ▲ / ▼ to move the cursor to a particular store and press to open the editing screen to enter the note, such as the discount information of that store. The maximum length of a note is 60 characters.

When viewing product information, if the cursor is on a particular store, press can also open the note text which allows you to view and edit the note.

3. When entering 2 or more groups of data, the one with the lowest price will be highlighted.
4. Press Save when you have finished.

Please note that brand and name are mandatory and you must enter at least one set of store and price information.

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Organizer

You can create new event, view events list, delete event or edit the contents of an event. The organizer stores the date and time of every event. If the current date and time correspond with the date and time of the event, the phone will emit an organizer alert (if needed), and the screen will display a prompt indicating that a new event has arrived.

You can create a maximum of 30 events. The list will display part of the contents. Once you have selected an event, you can then view the detailed information.

1. Select *Organizer* menu to enter Calendar display screen. The options menu include: *New event*, *View* (current month), *Weekly*, *View all events*, *Delete all events* , *Delete expired events*, *Capacity*.

Add new event

The list of events will be displayed. When you add a new event, you need to enter the corresponding information of the event and select whether or not to set the event alert or whether or not to repeat the alert periodically.

Once you have selected a specific event type, you will enter the editing screen of the specific event type.

Options	Description
Meeting	Enter the date, start time, end time (end time cannot be later than the start time), meeting description, alert type and repeat method.
Memo	Enter the date, time and text.
Event	Enter the date, start time, end time (end time cannot be later than the start time), meeting description, alert type and repeat method.
Appointment	Enter the date, time, text, alert type and repeat method.
Reminder	Enter the date, text, alert type and repeat method.
Holiday	Enter the date and text.
Anniversary	Enter the date, text and alert type.

If the memory space for events is full, the phone will prompt you that there is no more space.

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When editing date and time, the phone will display the default or the selected date and time. You can edit or confirm them directly.

The maximum length of an event is 40 characters.

Alert type
The following types of alert are available: On time, 5 min. before, 10 min. before, 1 hour before, 1 day before, 1 week before and No reminder.

Repeat method
The phone provides the following repeat methods: Once, Everyday, Every week, Every month and Every year.

When you change the date and time of your phone, the next alert will be repeated based on the modified date and time of the phone.

When you switched off the phone, the organizer alert will be postponed until the next time you switch on the phone. For repeated events, only the latest one will be alerted.

Monthly
In the monthly calendar screen, press Options to display the following options: New event, View (current month), Weekly, Check all, Delete all, Delete passed, Capacity.

In addition, you can press ▲ / ▼ / ◀ / ▶ to select a date and add a new event to the selected date.

Weekly
In the weekly calendar screen, press Options to display the following options: New event, View (current week), Weekly, Check all, Delete all, Delete passed, Capacity.
In addition, you can press ▲ / ▼ /◀ / ▶ to select a date under the weekly calendar and add a new event to the selected date.
In the monthly and weekly calendar, select a date and press ⊙ to enter the event list under the date and then press Options to select Send by infrared, Details, Edit, Delete, Delete all, Add.

Capacity
In the capacity menu, you can check the total allowable number of events as well as the number of events stored.

Delete events
This menu allows you to delete all the events at once. You can also delete past events.

Alarm clock

The phone features a 24 hour alarm clock. There are 3 groups of alarm clock and you can activate or deactivate them.

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You can set 3 groups of alarm and alarm ringer at the same time.

1. Press ▲ / ▼ to move to the different entry fields.
2. In the time field, press the numeric keypad or ◄ / ► to edit time.
3. In the repeat setttings field, press ◄ / ► to select the repeat method. The options under *Repeat method* include: *Once*, *Everyday*, *On weekday*, *Except Sunday*.
4. In the alarm clock ringer field, press OK to open the *Alarm clock ringer settings* menu.
5. In the snooze alarm settings field, press *On* or *Off*. When the snooze alarm is on, you need to press OK key twice to stop the alarm clock when the alarm clock rings. If you press other key (except OK key), you can only stop the alarm ringer tentatively. The alarm clock will ring for 9 times before it is closed automatically.
6. Once you have finished the alarm clock settings, press OK to save the current setting and exit from the alarm clock menu.

Calculator

You can carry out addition, subtraction, multiplication and division operations with the calculator.

1. When you enter the calculator menu, press the keypad to enter the numbers directly and start the calculation (press # to enter decimal point).
2. Once you have finished entering the first set of numbers, press ▲ / ▼ /◄ / ► to enter the operants */-+.
3. Then, press the numeric keys directly to enter the second set of numbers.
4. Lastly, press OK to obtain the results.
5. Press * to change the display results or the number you have entered into a positive and negative number. For example, when it is a positive number, press * to add "-" (negative symbol) to the number, when it is a negative number, press * to remove "-" (negative symbol) from it.

The maximum length of the numbers and the result is 10 digits.

The keys are defined as follows:

Addition	►
Subtraction	◄
Multiplication	▲
Division	▼
Equals	OK
Enter decimal point	#

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Press *Options* to select:

Clear	Clear the calculator editing screen and enter a new set of numbers (without affecting the contents in the memory).
MC	Clear the memory.
MR	Recall the number in the memory, whereby the recalled number will remain stored in the memory.
MS	Store the displayed number in the memory.
M+	Add up the displayed number and the number stored in the memory and then save the results in the memory.

Unit converter

This menu allows you to perform unit conversions.

1. Enter *Unit converter* menu. The cursor will be in the *Conversion type* selection field.
2. Press ▲ / ▼ to switch between *Conversion type*, *Conversion unit* and *Amount* editing fields.

Conversion type

Conversion type includes *Exchange rate*, *area*, *Energy*, *Weight*, *Power*, *Pressure*, *Temperature*, *Volume*.

Options	Description
Area	The conversion units include: square kilometre (default), square metre, square centimetre, acres, are, hectares.
Energy	The conversion units include: therm (default), joule, kilojoule, horsepower/h, kilowatt/h, volts.
Mass	The conversion units include: milligram (default), grammes, kilogramme, ounce, pounds, tonnes.
Power	The conversion units include: watt (default), kilowatt, horsepower.
Pressure	The conversion units include atmosphere (default), bar, pascal, mm/Hg.
Temperature	The conversion units include: fahrenheit (default), celsius, kelvin.
Volume	The conversion units include: Millitre (default), litre, cubic litre, cubic centimetre, cubic metre, cubic inch, cubic foot, gallon E, gallon, fluid ounce U, fluid ounce E, barrel.

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World clock

The world clock allows you to check the time of the major cities of the world. There are two rows, one at the top and one at the bottom of the world map. The top row shows the time of the foreign city, while the bottom row shows the time of the home city.
If the selected city is in Daylight saving time, an icon will be displayed to indicate daylight saving status.

1. Enter *World clock* screen and press ◂ / ▸ or ▴ / ▾ to select a city.
2. Press *Options* to select:

Set as local	Set the selected city as local city
Daylight saving	A menu will pop up. Select *On* or *Off*.

Timer

This menu includes a *Stop watch* and a *Countdown timer.*

Stop watch

Your phone features a stop watch and the smallest unit is 0.1 seconds.

1. When you enter *Stopwatch* menu, the screen will display *Stopwatch* with a start time as 00:00:0.
2. Press *Start* or to start stop watch timer, press *Back* to exit.
3. Press *Pause* to pause stop watch timer and press *Continue* to resume.
4. Press *Stop* to stop the stop watch timer.
5. Press to save the current recorded time, by which the stop watch will continue its timing. Everytime you press , the current timing will be recorded. You can record up to 6 groups of timing. If you have exceeded 6 groups of timing, the first group will be deleted automatically to allow the new group to be saved.

Count-down timer

Enter the *Count-down timer* menu and enter the count-down time in *HH:MM* format. The shortest time is 1 minute and the longest time is 23 hours 59 minutes.

1. Press *On* to start count down.
2. Press *Off* to close the count-down timer and press *Back* to exit.
3. If there are still time remaining, press *Off* will cancel count-down. At the end of the count-down, the phone will emit an alarm. The alarm tone is the same as your alarm clock.

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12 •WAP

Your phone comes with WAP browser. You can obtain news, sports and weather information as well as services from the internet via the WAP browser.

This feature is available only if your subscription includes WAP access services. The settings have been pre-configured and you do not need to modify them. For more information, please contact your network operator for more information.

WAP settings

Normally, the phone would have been pre-configured. You can send MMS only if your configurations are correct. If you wish to add or modify the configuration parameters, you need to obtain the necessary information from your network operator before you proceed. Philips is not liable to give prior notification nor shall it bear any consequences for any failures arising from changes of configuration made by you or by the network operator. Please check with your network operator for the most updated information.

Homepage

Select this menu to access the home page directly. You can also set the homepage address in the settings menu.

Bookmark

You can save the current web page or the web pages that you frequently visit to the Bookmark list, manage and organize them.

1. Select the menu to display a list of bookmark entries. If there are no existing entries, the list will be empty.
2. Press Options to access the following:

Add bookmark	Open the bookmart editor and add the current web page to the bookmark list or edit the title and web address before you add it to the bookmark list.
Open	Open and connect to the selected bookmark entry.
Edit	Edit the selected bookmark, modify the title and the web address.
Delete	Delete the selected bookmark entry.
Delete all	Delete all bookmark entries.

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History

This menu allows you to manage, organize and quickly access the web pages you have previously visited.

1. If you select this menu, the web pages you have previously visited will be listed.
2. Press Options to access the following:

Homepage	Save as
Back	Save as homepage
Forward	Exit
Refresh	Settings
Bookmark	Push Inbox
Enter URL	

Enter URL

Enter the web address and press or to connect, press Back to return to previous web page.

Settings

This menu allows you to configure the web settings for web browsing. Your phone may be pre-configured with the settings of a specific network operator. If you are a subscriber of the network operator, you may start using your browser immediately. Otherwise, you need to re-configure the settings.

Philips is not liable to give prior notification nor shall it bear any consequences for failures arising from changes in configuration made by you or by the network operator, or changes in Wap address or contents made by the internet content provider. Please check with your network operator and your internet content provider for the most updated information.

The following options for Web settings are available:

Edit homepage	Allows you to edit and set the title of your home page and web address.
Select profile	Allows you to select from an existing list of profiles.
Connection	Allows you to configure the connection parameters, such as data account, connection mode, delay, proxy server, address, user ID, password, domain, security, etc.
Browser options	Allows you to configure the browser parameters, such as enable or disable CSS, refresh, re-present the web page when it does not fit the browser screen, whether or not to display graphics, movies, play sounds, etc.

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Rename profile	Allows you to rename the profile currently used by your web browser. The name of the profile cannot be longer than 40 bytes.
Cache	Allows you to enable, disable or clear cache.
Cookie	Allows you to enable or disable cookie and clear cookie. Cookie is an information sent by a HTML page to your browser when you visit a website.
Push Inbox	Allows you to check your Push messages and configure your Push settings, such as select whether or not to accept Push messages, delete push messages, etc.

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Icons & Symbols

In idle mode, several icons and symbols can be simultaneously displayed on the handphone screen.

If the network symbol is not displayed, it implies that the network is currently unavailable. You may be in a bad reception area; moving to a different location may help.

Battery - Indicates battery level with 4 battery level indicator bars. When charging, a scrolling icon will be displayed.

Network - Network icon comprises of 2 portions. The left portion indicates whether or not your phone is already registered with a network, and the right portion indicates signal strength in 5 levels (from no signal to strongest).

Roaming - Displayed when your phone is registered to a network other than your own.

GPRS status - there are 2 GPRS status which are mutually exclusive: GPRS network is available but not in use; or GPRS network is available and in use. The icon will be displayed only when you have logged on to GPRS.

Messages (including SMS, MMS) - Indicates that you have at least 1 unread message.

Missed call - Indicates that you have at least 1 missed call.

Alarm clock - Indicates that the alarm clock is activated.

Vibration - Indicates that the phone will vibrate when there is an incoming call, or when an event or the alarm clock is due.

Call forwarding - Indicates that the call forwarding function is activated.

Silent - Indicates that silent mode is activated.

No SIM card.

WAP notification.

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Precautions

Radio wave

Your cellular mobile phone is a **low power radio transmitter and receiver**. When it is operating, it sends and receives radio waves. The radio waves carry your voice or data signal to a base station that is connected to the telephone network. The network controls the power at which the phone transmits.

- Your phone transmits/receives radio waves in the GSM frequency (900 /1800 / 1900 MHz).
- The GSM network controls transmission power (0.01 to 2 watts).
- Your phone complies with all relevant safety standards.
- The CE mark on your phone shows compliancy with European electromagnetic compatibility (Ref. 89/336/EEC) and low voltage directives (Ref. 73/23/EEC).
- The CCC mark on your phone shows compliance with China Compulsory Certification.

Your cellular mobile phone is your **responsibility**. To avoid damage to yourself, to others or to the phone itself, read and follow all the safety instructions and make them known to anyone borrowing your phone. Furthermore to prevent unauthorised use of your phone:

Keep your phone in a safe place and keep it out of small children's reach.

Avoid writing down your PIN code. Try to remember it instead.

Switch off the phone and remove the battery if you are going to leave it unused for a long time.

Use the *Security* menu to change the PIN code after purchasing the phone and to activate call restriction options.

The design of your phone complies with all applicable laws and regulations. However your phone may cause interference with other electronic devices. Consequently you should follow all **local recommendations and regulations** when using your cellular phone both at home and when away. **Regulations on the use of cellular phones in vehicles and aircraft are particularly stringent.**

Public concern has been focused for some time on the possible health risks for users of cellular phones. The current research on radio wave technology, including the GSM technology, has been reviewed and safety standards have been drawn up to ensure protection

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from exposure to radio wave energy. Philips declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Always switch off your phone

Inadequately protected or **sensitive electronic equipment** may be affected by radio energy. This interference can lead to accidents.

Before boarding an **aircraft** and/or when packing the phone in your luggage: the use of mobile phones in an aircraft may be dangerous for the operation of the aircraft, disrupt the mobile phones network and may be illegal.

In **hospitals**, clinics, other health care centres and anywhere else where you may be in the close vicinity of **medical equipment**.

In areas with a potentially **explosive atmosphere** (e.g. petrol stations and also areas where the air contains dust particles, such as metal powders).

In a vehicle transporting flammable products (even if the vehicle is parked) or a vehicle powered by liquefied petroleum gas (LPG), check first that the vehicle complies with the applicable safety rules.

In areas where you are requested to turn off radio transmitting devices, such as quarries or other areas where blasting operations are in progress.

Check with the vehicle manufacturer that **electronic equipment** used in your vehicle will not be affected by radio energy.

Users of pacemakers

If you are a user of a **pacemaker**:

- Always keep the phone more than 15 cm from your pacemaker when the phone is switched on, in order to avoid potential interference.
- Do not carry the phone in a breastpocket.
- Use the ear opposite to the pacemaker to minimise the potential interference.
- Switch off your phone if you suspect that interference is taking place.

Users of hearing aids

If you are a user of a **hearing aid**, consult your physician and hearing aid manufacturer to learn whether your particular device is susceptible to cellular phone interference.

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Performance improvement

In order to **improve the performance of your phone**, reduce radio energy emission, **reduce battery consumption and ensure safe operation adhere to the following guidelines:**

For the optimal and satisfactory operation of the phone you are recommended to use the phone in the normal operating position (when not using in hands-free mode or with a hands-free accessory).

- Do not expose your phone to extreme temperatures.
- Treat the phone with care. Any misuse will void the International Guarantee.
- Do not immerse the phone in any liquid; if your phone is damp, switch it off, remove the battery and let them dry for 24hrs before using them again.
- To clean the phone, wipe it with a soft cloth.
- Placing and receiving calls consumes the same amount of battery energy. However, the mobile consumes less energy in idle screen when kept in the same place. When in idle screen and while you are moving, your phone consumes energy to transmit updated location information to the network. Setting the backlight for a shorter period of time as well as avoiding unnecessary navigating in the menus will also help to save the battery's energy for longer phoning and stand-by performances.

Information displayed on battery

Your phone is powered by a rechargeable battery.

- Use specified charger only.
- Do not incinerate.
- Do not deform or open the battery.
- Do not allow metal objects (such as keys in your pocket) to short circuit the battery contacts.
- Avoid exposure to excessive heat (>60°C or 140°F), moisture or caustic environments.

You should only use Philips Authentic Accessories, as the use of any other accessories may damage your phone and will make all guarantees for your Philips phone null and void.

Make sure damaged parts are replaced immediately by a qualified technician and that they are replaced with genuine Philips replacement parts.

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Do not use your phone while driving

It lowers concentration, which can be dangerous. Adhere to the following guidelines:

- Give your full attention to driving. Pull off the road and park before using the phone.
- Respect the local regulations in countries where you drive and use your GSM phone.
- If you want to use your phone in a vehicle, install the hands-free car kit which is designed for that purpose, still ensuring you give full attention to driving.
- Ensure that your phone and car kit do not block any air bags or other security devices fitted in your car.
- The use of an alarm system to operate a vehicle's light or horn to indicate incoming phone calls is prohibited on public roads in some countries. Check local regulations.

EN 60950 Norm

In case of hot weather or after a prolonged exposure to the sun (e.g. behind a window or a windscreen), the temperature of your phone's casing might increase, especially when featuring a metallic finish. Be very careful in this case when picking up your phone and also avoid using it with an ambient temperature over 40°C.

Environmental care

Remember to observe the local regulations regarding the disposal of your packaging materials, exhausted batteries and old phone and please promote their recycling.

Philips has marked the battery and packaging with standard symbols designed to promote the recycling and appropriate disposal of your eventual waste.

	The battery should not be disposed of with general household waste.
	The labelled packaging material is recyclable.
	A financial contribution has been made to the associated national packaging recovery and recycling system (*e.g.* EcoEmballage in France).
	The materials are recyclable (also identifies the plastic material).

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Troubleshooting

The phone does not switch on

Remove/reinstall the battery. Then charge the phone until the battery icon stops scrolling. Unplug the charger and try to switch the mobile phone on.

The display shows BLOCKED when you switch on

Somebody tried to use your phone but didn't know the PIN code nor the unblocking code (PUK). Contact your service provider.

The display shows IMSI failure

This problem is related to your subscription. Contact your network operator.

Your phone doesn't return to the idle screen

Long press key or switch off the phone. Check that the SIM card and the battery are installed correctly and switch it on again.

The network symbol is not displayed

The network connection is lost. Either you are in a radio shadow (in a tunnel or between tall buildings) or you are outside the network coverage area. Try from another place, try to reconnect to the network (especially when abroad), check that the antenna is in place if your mobile has an external antenna, or contact your network operator for assistance/ information.

The display doesn't respond (or the display responds slowly) to key presses

The display responds more slowly at very low temperatures. This is normal and does not affect the operation of your phone. Take the phone to a warmer place and try again. In other cases, please contact your phone supplier.

Your battery seems to over heat

You might be using a charger that was not intended for use with your phone. Make sure you always use Philips authentic accessory shipped with your phone.

Your phone doesn't display the phone numbers of incoming calls

This feature is network and subscription dependent. If the network does not send the caller's number, the phone will display *Call 1* or *Withheld* instead. Contact your operator for detailed information on this subject.

You can't send text messages

Some networks do not allow message exchanges with other networks. First check that you have entered your SMS centre number, or contact with your operator for detailed information on this subject.

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You can't receive and/or store JPEG pictures
A picture may not be accepted by your mobile phone if it is too large, if its name is too long, or if it doesn't have the correct file format.

You have the feeling that you miss some calls
Check your call divert options.

During battery charge, the battery icon shows no bar and the outline is flashing
Only charge the battery in an environment where the temperature does not go below 0°C (32°F) or above 50°C (113°F).
In other cases, please contact your phone supplier.

The display shows SIM failure
Check that the SIM card has been inserted in the right position. If the problem persists, your SIM card may be damaged. Contact your operator.

When attempting to use a feature in the menu, the mobile displays NOT ALLOWED
Some features are network dependent. They are only available, therefore, if the network or your subscription supports them. Contact your operator for detailed information on this subject.

The display shows INSERT YOUR SIM CARD
Check that the SIM card has been inserted in the right position. If the problem persists, your SIM card might be damaged. Contact your operator.

The autonomy of your phone seems lower that indicated in the user guide
The autonomy is linked to your settings (e.g., ringer volume, backlight duration) and the features you use. To increase the autonomy, and whenever possible, please deactivate features you do not use.

Your phone doesn't work well in your car
A car contains many metallic parts that absorb electromagnetic waves which can affect the phone's performance. A car kit is available to provide you with an external antenna and enables you to make and receive phone calls without handling the handset.

Check with local authorities if you are allowed to use the phone whilst driving.

Your phone is not charging
If your battery is completely flat, it might take several minutes of pre-charge (up to 5 minutes in some cases) before the charging icon is displayed on the screen.

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Philips Authentic Accessories

Some accessories, such as a standard battery and a charger, are included as standard in your mobile phone. Additional accessories may also be provided or sold separately. Package contents may therefore vary.

To maximize the performance of your Philips phone and not to void the warranty, always purchase Philips Authentic Accessories that are specially designed for use with your phone. Philips Consumer Electronics cannot be held liable for any damages due to use with non authorized accessories.

Charger

Charges your battery in any AC outlet. Small enough to carry in a briefcase/handbag.

Data Cable

Connect your mobile phone and your PC with a data cable and run the Mobile Phone Tools (a mobile phone information management software) to enable the transfer of data from your mobile phone to your PC for storage, or transfer the data saved in the PC back to your mobile phone, upload/download files, send/receive SMS, edit Phonebook, convert video files, etc.

When your mobile phone is connected to the PC via USB data cable, the cable also acts as charger to charge your phone (the USB charging is compatible with most PCs).

Deluxe Headset

The integrated answer button offers you a simple way to answer your calls. Simply answer an incoming call by pressing the button or long press to reject the incoming call.

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Trademark declaration

JAVA is a trademark of Sun Microsystems, Inc.

T9® is a trademark of Tegic Communications Inc.

Tegic Euro. Pat. App. 0842463

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Limited warranty

1. What Does This Limited Warranty Cover?

   Philips warrants to the original retail purchaser ("Consumer" or "You") that this Philips cellular product and all accessories originally provided by Philips in the sales package ("Product") are free from defects in materials, design and workmanship under normal use in accordance with the operating instructions and pursuant to the following terms and conditions. This limited warranty extends only to the Consumer for Products purchased and used in the original country of purchase. The limited warranty is valid only in Philips' intended country of sales of the product.

2. How Long is The Limited Warranty Period?

   The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase of the Product, documented by valid proof of purchase. The limited warranty for original Philips rechargeable battery extends for six (6) months from the date of purchase.

3. What Will Philips Do if The Product is Not Free From Material Defects in Materials and Workmanship During The Limited Warranty Period?

   During the limited warranty period, Philips or its authorized service representative will, at its option either repair or replace, without charge for parts or labour, a materially defective Product with new or refurbished parts or Product and return such repaired or replaced Product to the Consumer in working condition. Philips will retain defective parts, modules or equipment.

   Repaired or replaced Product will be covered by this limited warranty for the balance of the original limited warranty period or ninety (90) days from the date of repair or replacement whichever is longer. Repair or replacement of Product, at Philips' option is your exclusive remedy.

4. What is Not Covered By This Limited Warranty?

   This limited warranty does not cover:

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a) Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation handling, neglect, inundation, fire, water or other liquid intrusion; or
b) Product that has been damaged due to repair, alteration, or modification by anyone not authorized by Philips; or
c) Product that has reception or operation problems caused by signal conditions, network reliability or cable or antenna systems; or
d) Product defects or problems caused by uses with non-Philips products or accessories; or
e) Product which warranty/quality stickers, product serial number or electronic serial number has been removed, altered or rendered illegible; or
f) Product purchased, used, serviced, or shipped for repair from outside the original country of purchase, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
g) Product returned without valid proof of purchase or which proof of purchase has been altered or is illegible.
h) Normal wear and tear or Force Majeure.

5. How Do You Get Warranty Service?

a) Return the Product to an authorized service center of Philips. You may contact the local Philips office for the location of the nearest authorized service center.
b) The SIM card must be removed from the Product before it is given to Philips. Philips assumes no liability for damaged or loss of the SIM card or the data contained therein.
c) If the Product failure is not covered by this limited warranty, or this limited warranty is inapplicable, void or invalid due to any terms and conditions stated herein, the Consumer will be charged for the cost of repair or replacement of the Product and all other related cost incurred in repairing or replacing the Product.
d) IMPORTANT - you are required to return the Product together with a valid proof of purchase which must identify the point of purchase, date of purchase, Product model and Product serial number clearly.

6. Other Limitation: This Warranty is The Entire Agreement.

EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH ABOVE AND THOSE IMPLIED BY LAW AND WHICH CANNOT BE EXCLUDED OR MODIFIED

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BY AGREEMENT, PHILIPS PROVIDES NO OTHER WARRANTY WHETHER EXPRESS OR IMPLIED (WHETHER BY STATUTE, UNDER THE OPERATION OF LAW OR OTHERWISE) AND SPECIALLY DISCLAIMS ANY WARRANTY OF SATISFACTORY QUALITY MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PHILIPS' TOTAL LIABILITY FOR DAMAGES RELATING TO OR ARISING OUT OF THE PURCHASE OR USE OF THE PRODUCT, REGARDLESS OF THE TYPE OR CAUSE OF SUCH DAMAGE OR THE FORM OR CHARACTERISATION OF THE CLAIM ASSERTED (E.G. CONTRACT OR TOPIT), SHALL NOT EXCEED THE ORIGINAL PURCHASE PRICE PAID FOR THE PRODUCT.

HOWEVER IN NO EVENT SHALL PHILIPS BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO THE LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERIAL LOSS, LOST PROFITS, LOST BUSINESS OPPORTUNITIES, COST OF SUBSTITUTION OF GOODS OR SERVICES, INVESTMENTS, DAMAGE TO GOODWILL OR REPUTATION, OR LOSS OF DATA AND CLAIMS BY THIRD PARTIES) RESULTING FROM PURCHASE OR USE OF THE PRODUCT, TO THE FULLEST EXTENT ALLOWED BY LAW, WHETHER OR NOT PHILIPS HAS BEEN ADVISED OF THE POSSIBILTY OF SUCH DAMAGES. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

This limited warranty represents the complete and exclusive agreement between the Consumer and Philips with respect to this cellular Product and it supercedes all prior agreements between the parties, oral or written, and all other communications between the parties relating to the subject matter of this limited warranty. No carrier, retailer, agent, dealer, employee, thereof, or employee of Philips is authorized to make modifications to this limited warranty and you should not rely on any such representation.

This limited warranty does not affect the Consumer's statutory rights under applicable national laws in force.

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General Information

SAR Information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types Philips 588 (FCC ID: RXSCT5888) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.325 W/kg and when properly worn on the body is 0.165 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Camera Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

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Caution

Changes or modifications made in the radio phone, not expressly approved by Philips, will void the user's authority to operate the equipment.

Body-worn operation

To maintain compliance with FCC RF exposure guidelines, if you wear a radio product on your body when transmitting, always place the radio product in a Philips approved clip, holder, holster, case or body harness for this product. Use of non-Philips-approved accessories may exceed FCC RF exposure guidelines.

Declaration of Conformity

We, CEC Wireless R&D Ltd.
of West M5 Building, No.1 East Road Jiuxianqiao Chao Yang District, Beijing, CHINA
declare under our sole responsibility that the product
Model Name: Philips 588
Frequency Band: GSM 900/DCS1800/PCS1900
TAC No:359172
to which this declaration relates, is in conformity with the following standards and/or other normative documents.
EN 301 511 V9.0.2 (03-2003);
EN 301 489-01 V1.4.1 (08-2002); EN 301 489-07 V1.2.1 (08-2002);
EN 50360: 2001; EN 50361: 2001; EN 60950-1: 2001

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):
BABT, Balfour House-Churchfield Road - Walton-on-Thames Surrey - KT12 2TD - UK
Identification mark: 0168

The technical documentation relevant to the above equipment will be held at:
CEC Wireless R&D Ltd.
West M5 Building, No.1 East Road Jiuxianqiao Chao Yang District, Beijing, CHINA

Jane Wang

Jane Wang

TA Project Manager
May 8, 2006