















Discover Your Phone





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How to ...

Switch the phone On/Off	Long press  .
Store numbers in Phonebook	Enter the phone number and press  to save.
Make a call	Enter the phone number using the keypad and press  to dial.
Make an IP call	Enter the phone number using the keypad. Press  and select IP call (if the IP prefix is already stored in the phonebook, it will be added automatically) and the number will be dialled.
Answer a call	Press  when your phone rings.
End a call	Press  .
Reject a call	Press  when your phone rings.
Adjust earpiece volume	Press  or  during a call.

Access Phonebook	Press  in idle mode.
Access main menu	Press  in idle mode.
Switch to silent mode	Long press  key in idle mode to toggle between the meeting mode and normal mode.
Return to previous menu	Press  .
Quickly return to idle mode	Press  .

The Left/ Right key

Press the left and right soft keys  and  located at the top of the keypad to perform the function displayed at the bottom of the screen.

Main Menu








Contacts  page 13	Messages  page 15	Call Info  page 19
Settings  page 20	Security  page 22	Sounds  page 23
Display  page 24	Tools  page 25	STK Applications  page 26

Table of contents

1. Getting Started	4	4. Contacts	13
Insert the SIM card	4	Manage contacts	13
Switch on the phone	5	Create new contacts	13
Charge the battery	6	Memory Status	13
2. Calling	7	Speed Dial	13
Make a call	7	Copy phonebook	14
Make an Emergency call	7	Delete contacts	14
Answer and end a call	7	Group	14
Options during a call	7	My Number	14
Adjust earpiece volume	8	5. Messages	15
Handle multiple calls	8	SMS	15
3. Text or number Entry	9	6. Call Info	19
Input Method	9	Incoming calls	19
Function keys	9	Outgoing calls	19
Multitap ABC/Abc/abc Input	9	Missed calls	19
T9® text input	10	Calls duration	19
Simplified Chinese Stroke Input (China & Hong Kong only)	11	7. Settings	20
Symbol Input	12	Phone Settings	20
		Call Settings	20
		Network Settings	21
		Factory Default	21

8. Security	22
9. Sounds	23
10. Display	24
Idle Display	24
Contrast	24
LCD Backlight	24
11. Tools	25
Alarm	25
Calculator	25
Calendar	25
12. STK Applications	26
Icons & symbols	27
Precautions	28
Troubleshooting	33
Philips Authentic Accessories.....	35
Trademark Declaration.....	36
SAR Information - International (ICNIRP).....	37
Limited warranty	38
Declaration of Conformity.....	41

I. Getting Started

Please read the safety instructions in the “Precautions” section before using your phone.

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 phone number and a memory in which you can store phone numbers and messages.

Insert the SIM card

Follow the steps below to insert your new SIM card. Remember to switch off your mobile phone before removing the back cover and battery.

Remove the back cover

To insert the SIM card, you must first remove the back cover. Press on the back cover with your thumb and slide the cover downwards. Then use your free hand to lift up the door of the battery compartment as shown below.



Remove the battery

To remove the battery, lift up the battery from the bottom as show below.



Insert the SIM card

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 SIM card slot until it stops.



Replace the battery

Slide the battery back to its slot, with the gold contacts facing downwards until it stops. Then lock it by pushing it downwards.




Replace the back cover

Replace the back cover by sliding it down into its slot, until it stops.



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

Switch on the phone

To switch on the phone, long press  key. Enter the PIN code if required. It is preconfigured and communicated to you by your operator or retailer. For more information on PIN code, see “Security”.

If you enter an incorrect PIN code three times in succession, your SIM card will be locked. To unlock it, you must obtain the PUK code from your network operator.

Charge the battery

Your phone is powered by a rechargeable battery. A new battery is partially charged and an alarm will warn you when the battery level is low. If the battery is empty, it needs to be charged for 2 or 3 minutes before the battery symbol indicators flash. Plug the charger into the charger connector at the bottom of the phone and ensure that the arrow symbol on the charger is facing upwards as shown below. Then plug the other end of the charger into an AC power socket. The battery symbol indicates the state of charge. The charge indicators will scroll when the battery is charging. The battery is fully charged when the charge indicators stop scrolling. You can then disconnect the charger.






Keeping the charger plugged to the mobile phone when the battery is fully charged will not damage the battery. The only way to disconnect the charger is to unplug it, so use an easily accessible AC power socket. If you are not using your phone for a period of time, we recommend that you remove the battery.

You can use your phone while it is charging. When the battery is completely discharged, the charge indicators will appear only after a few minutes of charging.

2. Calling






Make a call

From idle screen


1. In idle mode, enter the phone number using the keypad. To correct an error, press .
2. Press  to dial the number.
3. Press  to hang up.


To make an international call, quickly press  twice to insert the international prefix: “+”.

Using the phonebook

1. Press  in idle mode.
2. Select a contact from the list and press  to dial the selected number. To select a different number, press  or  (see “Contacts” for more information).
3. Press  to hang up.

Make an Emergency call






Without a SIM card in phone, you can press  (**SOS**) to dial emergency call.

With a SIM card in phone, you can enter emergency number in idle mode, then press .



In Europe the standard emergency number is 112, in the UK it is 999.

Answer and end a call



When there is an incoming call, the number of the caller may be displayed if the caller has chosen to display his or her identity. If the number is stored in the phonebook, the corresponding name will be displayed instead of the number.

- To answer the call: press  or  **Accept**.
- To reject the call: press  or  **Reject**.
- To hang up: press .

The phone will not ring when it is in silent mode.

If you have activated **Any key answer** in **Phone Settings > Answer Mode**, you can answer a call by pressing any key, except  and .

Options during a call

During a call, press  to put the call on **Hold** or  **Options** to access the following options:

- **Mute** the call
- Use **Handsfree**
- **End Call**
- Access **Main Menu**

Adjust earpiece volume

During a call, press ▲ or ▼ navigation key to increase or decrease the volume.

Handle multiple calls

You can handle two or more calls at the same time, as well as make conference calls using your phone. The availability of this feature is dependent on your network operator and/or subscription.

Make a second call

You can make a second call when there is an active call or with a call on hold. While on the phone, dial the number (or select a contact from the phonebook) and press . The first call is put on hold and the second number is dialed. You can then press to *Switch* to toggle between 2 calls or to access the following options:

- *Mute* the call
- *Conference Call* to introduce the caller into a conference call
- *End All* to end all current calls
- Access *Main Menu*

Answer a second call

When you receive a second call while already in communication, the phone will emit a beep tone and the screen displays information about the incoming call. You can then:

Press or

Accept

To answer the call (the first one is put on hold).

Press or

Reject

To reject the call.

Press *Options*

To access options list. You can select to: *Mute* the call; *Conference Call* to introduce the caller into a conference call; *End All* to end all current calls and access *Main Menu*.

3. Text or number Entry

Input Method

Your phone supports 6 types of input methods:

MultiTap ABC/Abc/abc


T9 English










T9 PinYin


Simplified Chinese stroke

Numeric








Symbols

During text editing, short press  to switch between the different input methods. The status bar at the top of the screen will display the current input method.




,  and  represent Multi-tap upper, Smart Multi-tap and Multi-tap lower case English input,  represents T9 English. To toggle between  lower case, Smart  and  upper case, press   represents numeric input.

To switch between languages, during text editing, press  **OK** and select languages in the **Options** menu.










Function keys

-  Delete the characters on the left of the cursor or exit from editing mode.
-   Move the cursor, select a letter, word or symbol from the list, or scroll down a list.
-  Return to idle mode.
-  Select the highlighted word from the list or enter **Options** menu.
-  Enter symbols.
-  Switch input mode.

MultiTap ABC/Abc/abc Input











1. Press once on the numeric key ( to ) to enter the first letter on the key, press twice to enter the second letter on the key, so on and so forth. If the letter you wish to enter and the one you have just entered are on the same key, just wait for a few seconds for the cursor to re-appear.
2. Press  to delete the characters on the left of the cursor.

Example: how to enter the word "home":

Press   (**GH**)    (**MNO**),  (**MNO**),   (**DEF**). Press  when the message is completed.

You can press key  to insert a space in ABC/abc Multitap input mode.

The letters located on each key are as follows:




Key	Characters in the order displayed
	, . ? ! 1
	a b c 2 â æ ä å ç
	d e f 3 è é
	g h i 4 ì
	j k l 5 £
	m n o 6 ö ø ò ó ñ
	p q r s 7 ß \$
	t u v 8 ù ú ü
	w x y z 9
	␣ 0

T9® text input







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T9® Predictive Text Input is an intelligent editing mode for entering text on a mobile phone. It allows you to enter text more quickly by anticipating the word you want to enter based on the keys you have pushed. You press once on the key







corresponding to each letter needed to spell a word and T9® suggests a word based on your keystrokes. If several words are available, the first word in the list is displayed and highlighted. Press   to browse the list and press  OK to insert the word.

T9 ABC/abc Input

T9 English input method offers a faster way for you to enter English words.

1. You only need to press once on the numeric key ( to ) corresponding to each letter needed to spell a word. As you enter the letters, the words displayed on the screen will be updated accordingly.
2. Press  to delete the entries on the left of the cursor.
3. Use the navigation key to select the desired word and press  to enter it.







Examples: how to enter the word "home":



1. Press , , , . The screen displays the first word of a list: **Good**.
2. Press  to scroll and select **Home**.
3. Press  OK to confirm.

T9 PinYin Input (China & Hong Kong only)

This is an intelligent editing mode that not only allows you to press only once on a key corresponding to each letter needed to form a character, but is also equipped with association input feature. Keystrokes are analysed and all the possible pinyin combinations will be displayed at the bottom of the screen.



Using T9 PinYin input method



1. Enter the pinyin letters accordingly. Press once on the key corresponding to the pinyin letter without having to consider its position on the key. As you enter the letters using your keypad, the pinyin combinations on the screen will be updated accordingly.
2. Use the navigation keys to select your desired pinyin combination and press  to select the candidate line. Press  or  to select the character (the selected pinyin character will be highlighted) and press  to enter the character. If the desired character is not on the current list, press  or  to check from the list.
3. Enter the association 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. Use the navigation key to select the desired association

character and press  to confirm entry. If you do not need to enter the association character, simply press  to exit, or enter the new pinyin letters directly.




Simplified Chinese Stroke Input (China & Hong Kong only)

Using Stroke input method



1. Enter the strokes: Enter the strokes of the chinese character according to its stroke sequence. When you press the keys corresponding to the required strokes, the strokes will display on the screen. The phone will display the candidate characters corresponding to the strokes you have entered. As you enter the strokes, the candidate characters on the screen will be updated accordingly.
2. Enter character: Use the navigation key to select the required chinese character from the candidate list. Press  to input the chinese character and press  to clear the strokes you have entered.
3. Enter associate 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. Use the navigation

key to select the desired association character and press  to confirm entry. If you do not need to enter the association character, simply press  to exit, or enter the new strokes directly.

Numeric input

1. Press the numeric keys ( to ) to enter the numbers corresponding to the keys.
2. To delete a number, press .

Symbol Input

Press  to enter punctuation or symbols. Use the navigation keys to select the desired punctuation or symbol and press  to enter it.

4. Contacts



Contacts are stored in one of the two available phonebooks: SIM phonebook (located on your SIM card, by which the number of entries you can store depends on the card capacity) or the Smart Phonebook (located on your phone, which allows you to store up to 100 names). When adding new contacts, the contacts will only be added to the phonebook you have selected.

Manage contacts

Enter **Contacts** in idle mode. Select a name from the phone book list. Press ☐ **Option** to access the following options:

Send SMS

View

Delete

Add to Group

Copy

Create new contacts

1. You can first select the storage location. Enter **Contacts** in main menu, select **Settings**,

Memory in use and choose **SIM** to save the contact to **SIM** or **Phone** to save to phone.

2. Enter **Contacts** in main menu. Select **Create**, enter the contact name, press ☐ **OK**, enter the number and press ☐ **OK**.

Memory Status

Displays the total number of contacts you can store and the free spaces you can have in SIM and phonebook memory.

Speed Dial

The **Speed Dial** feature allows you to set your four most frequently dialled numbers. You can then quickly call one of them by selecting the corresponding key.

Setting a Speed Dial contact

In idle mode, press **Contacts** and select **Speed Dial**. Select a number (from 2-9) on the list to configure. press ☐ **OK** to **Set/Change**.

Calling a Speed Dial contact

To make a call, press the corresponding number associated with the contact when in idle mode and press ☐.

Copy phonebook

You can copy all in your phone to your SIM card and vice-versa.

1. Enter **Contacts** in main menu. Select **Copy** and press ☐ **OK**.
2. Select **From SIM card to Phone** or **From phone to SIM card**. Press ☐ **OK** to confirm.
3. A confirmation prompt will be displayed on the screen. Select ☐ **Yes** to confirm the operation or select ☐ **No** to cancel the operation.

To copy some of the contacts:

1. Enter **Contacts** in idle mode. Select the contact name, press ☐ **Options**.
2. Select **Copy**. It will copy the contact name to SIM if previously saved to phone and vice versa.

Delete contacts

1. Enter **Contacts** in main menu and select **Delete All Entries**.
2. Select **Delete All Phone Entries** or **Delete All SIM Entries**. Press ☐ **OK** to confirm.
3. A confirmation prompt will be displayed on the screen. Select ☐ **Yes** to confirm the operation or select ☐ **No** to cancel the operation.

To delete some of the contacts:

1. Enter **Contacts** in idle mode. Select the contact name, press ☐ **Options**.
2. Select **Delete**.

Group

This menu allows you to organize your contacts into different groups so that you can associate ringtones with a group of contacts and send messages to all members of the group. Enter **Contacts** in main menu and select a group from the list to access the following options:

Group	View the group members
Member	
Rename	Change the name of the group.
Alert Tone	Assign a ringtone to the group.

My Number

The **My Number** option should contain your own phone number. If not, we recommend that you enter your own mobile phone number and other relevant information.

Although all the fields can be empty, you cannot delete My Number.

5. Messages



SMS

This menu allows you to send text messages using Short Messaging Service (SMS), as well as manage the messages you have sent and received.

Write message

To compose and send an SMS, select [Create Message](#) and press [OK](#) and start to write your message. When you finish writing your message, press [OK](#) access the next options:

- [Send](#) Send the message
- [Save](#) Save the message in drafts folder.
- [Send and Save](#) Send and save the message.

Then you can enter the numbers of your contacts or press [Search](#) to select your contacts from your phonebook. Press [OK](#) to confirm.

When you send a message via the SMS network, your phone may display Sent Successfully. This means the message has been sent to the SMS center which you have set in your SIM card. However, this does not imply that the message has been sent to its destination.



Inbox

This menu allows you to read the SMS messages which you have received. The messages are displayed in a list. You can highlight a message and press [OK](#) to read it. Then press [Options](#) to access the following menu options:

- [Reply](#) Reply to the sender.
- [Forward](#) Forward the selected message.
- [Edit](#) Edit the selected message.
- [Delete](#) Delete a selected message.
- [Delete all](#) Delete all messages in the Inbox.
- [Store Number](#) Save the number of the sender.



Outbox

When you select to [Send and Save](#) a message, the sent message will be stored in [Outbox](#).

When you are in the Outbox list, select a message and press  **OK** to read it. Then press  **Options** to access the following options:

- Send** Send the selected SMS.
- Forward** Forward the selected message.
- Edit** Edit the selected message.
- Delete** Delete a selected message.
- Delete all** Delete all messages in the Outbox.
- Store Number** Save the number of the sender.

Draft

This menu lists all SMS you have saved but not sent. When you are in the Draft list, select a message and press  **OK** to read it. Then press  **Options** to access the following options:

- Forward** Forward the selected message.
- Edit** Edit the selected message.
- Delete** Delete a selected message.
- Delete all** Delete all messages in the Outbox.

Voice mail

This menu allows you to view voice mail server number and listen to voice mail. When you receive voice mail, your provider will send a message to your phone. The phone allows you to enter voice mail server number. Network service provider supplies the number.

To set voice server number, you can select **Number** to enter the number. To listen to voice mail, you can select **Connect to Voice Mail**. To delete the voice mail, you can select **Delete**.

If you press and hold key  in idle mode, you can access your voice mail server quickly.


Broadcast Message

Cell broadcast messages are public messages broadcasted to a group of mobile users. The messages are broadcasted on coded channels. Generally, one broadcast channel can transmit one type of message. Please contact your network operator for a list of channel numbers and their respective broadcast information.

Receive Mode

This menu allows you to set the reception of broadcast messages. When **On**, you can receive broadcast messages. When **Off**, you cannot receive broadcast messages.

Languages

You can select **All** or **Other languages** to be in your channel list. If you select **Other languages**, you need to select the languages that will be included in your list and press  **Options** to **Select** and **Save**.

Message Settings

This menu allows you to customize your SMS via the following options:

SMS Center Number 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 centre. You can select among: **1 hour**, **12 hours**, **1 day**, **1 week** and **Maximum**. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately).

This feature is subscription dependent.

Message Type Allows you to select the type of message: **Text**, **Fax**, and **Email**.


Delivery Report When **On**, this option will notify you via SMS whether your recipient has received your SMS.

This feature is subscription dependent.

Alert Period Allows you to select the the duration you will receive the alert for the incoming messages. You can select among: **Once**, **Every 2 Minutes**, and **Off**.

This feature is subscription dependent.

Template

Allows you to [Edit](#) or [Forward](#) the template to your contacts. Select a template on the list and press  [Options](#) to [Edit](#) or [Forward](#).

Memory status

Displays the memory status of the messages saved in the SIM card and the phone.

6. Call Info



Your mobile phone can provide you with a list of outgoing and incoming calls, attempts at auto re-dialling, as well as call details. The different types of calls (*Incoming calls*, *Outgoing calls*, *Missed calls* and *Call Duration*) are displayed in chronological order with the most recent call on top. If the correspondent is stored in your phonebook, the corresponding name is displayed.


Incoming calls

This menu allows you to view the recent calls received.

Outgoing calls


This menu allows you to view the recent dialled calls, including dialling attempts or calls that were successfully connected.

Missed calls

This menu allows you to view the recent unanswered calls. Select an item and press  *Option* to access the following options:

<i>Dial to</i>	Dial the number.
<i>Send Message to</i>	Send message to the contact.
<i>Delete</i>	Delete the current number.
<i>Save Number</i>	Save the number.
<i>Delete all</i>	Delete all numbers.
<i>Show Number</i>	Show the contact's number

Calls duration

This menu allows you to view total *Outgoing*, *Incoming* and *Last Call Duration* (displayed in hours, minutes, seconds). You can press  to *Reset* all the call timers.

Depending on your network, rounding-off for billing purposes, taxes etc, the actual time invoiced for calls and services by your service provider may vary.


7. Settings



This menu allows you to change the settings associated with each available option in your phone.

Phone Settings

Time and Date

Allows you to set the time and date using the keypad or navigation keys. Press  **Select** and you can set the followings:


Date & Time Setting Enter the date/time using the keypad.

Date/ Display Format Select the **Date Format**.

Date Separator Select the format to separate the day, month and year.

Time Display Format Select either **12 hours** or **24 hours**.

Language

Allows you to select a language for all the menu texts. Press **▲** or **▼** to browse the list of languages and press  **OK**.

Answer Mode

Select either **Normal Answer** or **Any key answer**.

Call Settings

Call Divert

To divert incoming calls to your mailbox or to a number (whether in your phonebook or not). You can choose the options among **All Voice Calls**, **If Busy**, **If no reply** or **If out of reach**. When you enter each of these options, you can choose to **Check Status**, **Activate** or **Deactivate** the call diversion.

Call barring

This menu allows you to limit the use of your phone to specific calls. This can be applied to **All Outgoing Calls**, **All International Calls**, **Only Here and Home**, **All Incoming Calls**, or **Incoming Calls if Abroad**. When you enter each of these options, you can choose to **Check Status**, **Activate** or **Deactivate** the call barring. This function is network dependent and requires a specific call barring password supplied by your service provider.

Call Waiting

This is a kind of network service. If you select to **Activate** this feature, the phone will inform you during a call when another person is trying to reach you.

Otherwise if you select to [Deactivate](#) this feature, the phone will not inform you and the person who is dialing will hear the busy tone or the call will be diverted to another phone (if your phone is set to [If Busy](#)). You can also choose to check the call waiting status.

Auto redial

Allows your phone to redial the number at intervals automatically if the call you make is not answered. Select [Enable/Disable](#) to activate or deactivate this function.


Caller ID

Allows you to show [Hide Number](#) or [Show Number](#) (i.e. your phone number to your correspondent). You can also select to have this option [Set by Network](#).

Line Select

Allows you to switch between different lines.


Network Settings

This menu allows you to select the service network. Go to [Network Settings](#) > [Network Selection Mode](#) and press  [OK](#) to access the following options:

Automatic Selection


Your phone will automatically select and register to an available network.

Manual Selection

Provides you with a list of available network in the area. Select the network you wish to register with and press  to confirm.

You can select a network other than your home network only if it has a valid roaming agreement with your home network. If you change the network, some problems may arise during the operation of your phone.

Factory Default

This menu allows you to restore your phone to its factory settings. Enter the Phone code and press  [OK](#) to confirm.

Once you have entered the correct password (same as your Phone Lock Password, default value is 0000), your phone will be restored to its factory settings.

8. Security



This menu allows you access the features relating to the security of your mobile phone and the data you store there.

SIM PIN

This allows you to set the PIN protection and PIN codes.

To set the PIN protection, select **PIN Check** and choose between **On** or **Off**. When **On**, you will be asked to enter your PIN code when switching your phone on. You can select to **Change PIN1** and **Change PIN 2** codes. Depending on your SIM card, some features or options may require a PIN2 secret code given to you by your operator.

You cannot change your PIN code if this option is Off.

The default PIN code is 1234. If you enter a wrong PIN code 3 times, your SIM card is blocked. To unblock it, request the PUK code from your operator or retailer. If you enter an incorrect PUK code 10 times in a row, the SIM card will be blocked and unusable. If this happens, contact your operator or retailer.


Phone Lock

Allows you to set the phone protection to prevent the unauthorized use of your phone.

To set the phone protection, select **Phone Lock** and choose between **On** or **Off**. When **On**, you will be asked to select **Verify when Power-On** or **Verify with New SIM**. Then you will be asked to enter the phone lock password.


The default phone lock password is 0000.

Auto Key Lock

Allows you to set your keypad **Off**, or to select an immediate or delayed lock. When selecting one of the delayed options (**5 sec**, **10 sec**, **30 sec** or **60 sec**), and if you temporarily unlock your keypad by pressing  key, it will be automatically locked again according to the delay you selected.


In all cases, the keypad is automatically unlocked when you receive a call.

Change Code

Allows you to change the phone lock password. You need to enter old phone code followed by the new phone code. Then you need to confirm the new phone code by entering the password once more. Press  **OK** to confirm.

9. Sounds



This menu allows you to set the ring of the incoming call, new message and so on. It also allows you to set the ring type, volume of the ring and the alert type so that your phone fits all kinds of environments. Select *Sounds* and press  *Options* to access the following options:

Sound settings Allows you to select the ring for the *Incoming Call*: and *Messages ringer*.

Volume Allows you to set the volume of *Call*, *Ring Tone* and *Keypad Tone* to different levels.

Ring type Allows you to select *Ring only*, *Vibrate only*, *Alarm* or *Vibrate and Ring*.

10. Display



Idle Display

You may set the screen display of the phone when it is in idle mode. Select *Idle Display* and press  *OK* to access the followings:

Time and Date Select to *Enable* or *Disable* the clock and date display in idle screen.

Idle Text Select to *Enable* or *Disable* the text in idle screen. You need to type the text if you choose to activate it.

Wallpaper Select the wallpaper to be displayed in idle screen.

Contrast

This menu allows you to set the contrast level of the display screen. Select *Contrast* and press ◀ / ▶ to adjust the contrast level by level.

LCD Backlight

This menu allows you to select the backlight duration among *Always On*, *5 Seconds On*, *15 Seconds On*, *30 Seconds On*, and *45 Seconds On*.

11. Tools



This menu contains features and options designed for your personal use.

Alarm

Your mobile phone has a built-in alarm clock. You can set up to three separate alarms. To set an alarm, follow the steps below.

1. Select an alarm and press OK.
2. Select the status and period: *Off/Once/ Mon~Fri/ Everyday.*
3. Enter the time.
4. Select the alarm ring.
5. Repeat the above steps to set other alarms.

The alarm clock will ring even if you turned off your phone. Press Snooze to stop the ringing temporarily. The alarm will ring again around 3 minutes later.

If you want to set off the alarm, go through step 1 and 2 and set it to Off.

Calculator

Your phone has a built-in calculator which you can use to perform basic calculations. This menu is mainly used in simply operation as addition, subtraction, multiplication and division.

1. Enter the first figure. For decimal point, minus sign, and delete figures, press to select.

You can also press to insert the decimal point directly.

2. Use , , , to select *Add, Subtract, Multiply, or Divide.*
3. Enter the second figure.
4. Press OK to get the result.

The result of the calculator is indicative. The calculation accuracy is up to 8 decimal places maximum. The result is then truncated after the 8th decimal digit for the next operation.

Calendar

Allows you to view the calendar.

I2. STK Applications



The structure and name under this menu are configured by your network operator and stored in the SIM card. The services differ according to the STK provider.

This menu provides value-added services which differ according to the operator. Please check with your operator for details. Phones that support STK will have an additional STK menu and the contents in the menu are presented as defined by the SIM card, which cannot be changed. The menu options may vary according to the STK and may be changed by the network operator.

Icons & symbols

In idle mode, several symbols can be displayed simultaneously on the main screen.

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



Silent - Your phone will not ring when when receiving a call.



SMS message - You have received a new message.



New voice message - You have received a new voice message.



Battery strength - The more bars you see, the more power you have left.



Alarm activated.



Roaming - Displayed when your phone is registered to a network other than your own (especially when you're abroad)



Keypad lock activated.



Call forward - The phone is in calls-forward state.



Signal strength - The more bars are shown the better the reception is.



Vibra - Your phone will vibrate when receiving a call.



Missed call - You have a missed call.

Precautions

Radio Waves



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 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).

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.

Change your 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 from exposure to radio wave energy. Your cellular telephone **complies with all applicable safety standards** and the Radio Equipment and Telecommunications Terminal Equipment 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.

Pacemakers

If you have 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.

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.

Improved performance

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.

Battery information

- 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.

Your mobile phone and your car



Studies have shown that speaking on the telephone while driving lowers your 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.
- 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 hot weather or after 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 or below 5° C.

Environmental care



Remember to observe the local regulations regarding the disposal of the 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 labelled packaging material is recyclable.



A financial contribution has been made to the associated national packaging recovery and recycling system.



The plastic material is recyclable (also identifies the type of plastic).

WEEE Marking in the DFU: “Information to the Consumer”

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Troubleshooting

The phone does not switch on

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

Your phone doesn't return to the idle screen

Long press the hangup 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 the 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 your phone. Make sure you always use the 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 doesn't send the caller's number, the phone will display *Call I* or *Withheld* instead. Contact your operator for detailed information on this subject.

You can't send text messages

Some networks don't allow message exchanges with other networks. First check that you entered the number of your SMS centre, or contact your operator for detailed information on this subject.

You have the feeling that you miss some calls

Check your call divert options.

The display shows INSERT SIM

Check that the SIM card has been inserted in the right position. If the problem remains, 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.

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.

Philips Authentic Accessories

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

To maximise the performance of your Philips mobile 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 damage due to use with non authorised accessories.

Charger

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

Headset

Your phone will activate headset mode automatically when you plug in the earphone. And you can select "auto" option in answer mode. If this option status is "on", your phone will automatically answer the incoming call in 5 or 10 seconds.

Trademark Declaration



Tegic Euro. Pat.
App. 0842463

T9® is a trademark of Tegic
Communications Inc.

SAR Information - International (ICNIRP)

THIS MOBILE PHONE MEETS THE INTERNATIONAL RECOMMENDATIONS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy defined by the international standards. These recommendations have been established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and, the Institute of Electrical and Electronics Engineers - Standard Associations (IEEE-SA) that forecast a substantial safety margin for assuring the protection of all persons, regardless of age and health.

The exposure recommendations for mobile phones use a measurement unit known as the Specific Absorption Rate (SAR). The SAR limit recommended by the ICNIRP for the mobile phones used by the general public is 2.0 W/kg in 10g of tissue and, is 1,6W/kg in 1g of tissue by IEEE-SA (IEEE Std 1528) for the head.

Tests for SAR have been conducted using recommended operating positions with the mobile phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at its highest certified power level, the actual SAR levels of the mobile phone while operating are generally below the maximum SAR value.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the international protection standards for exposure to radio waves.

The highest SAR value for this Philips 192 when tested for compliance against the standard was 0,934 W/kg for ICNIRP recommendation and 1,42 W/kg for IEEE Std 1528.

For limiting the radio waves exposure, it is recommended to reduce the mobile phone call duration or to use a headset. The purpose of those precautions is to take the mobile phone away from the head and the body.

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::

- 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 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, COMMERCIAL 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 POSSIBILITY 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.

Declaration of conformity

We,
Shenzhen Sang Fei Consumer
Communications Co., Ltd.
11 Science and Technology Road,
Shenzhen Hi-tech Industrial Park,
Nanshan District, Shenzhen 518057,
China.

declare under our sole responsibility that the product
CT 0192
Cellular Mobile Radio GSM 900/1800
TAC: 352082

to which this declaration relates, is in conformity with
the following Standards:

EN 60950-1, EN 50360 and EN 50361
EN 301 489-01 V1.6.1 and
EN 301 489-07 V1.3.1
EN 301 511 v 9.0.2

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 V of Directive 1999/
5/EC has been followed related to articles 3.1 and 3.2
with the involvement of the following MET
Laboratories, Inc. 914 WEST PATAPSCO
AVENUE, BALTIMORE! MARYLAND 21230-
3432.

Identification mark: 0980

September 24th, 2007



Quality Manager