

## Discover Your Phone



*Philips continuously strives to improve its products. Therefore, Philips reserves the rights to revise this user guide or withdraw it at any time without prior notice. Philips provides this user guide "as is" and does not accept, except as required by applicable law, liability for any error, omission or discrepancy between this user guide and the product described. The device is meant to be connected to GSM/GPRS networks.*

## How to ...

Switch the phone On/Off	Long press  .
Store numbers in Phonebook	Enter the phone number and press  <b>Option</b> and select <b>Save number</b> .
Make a call	Enter the phone number using the keypad and press  to dial.
Answer a call	Press  when your phone rings.
End a call	Press  .
Reject a call	Press  when your phone rings.
Adjust earpiece volume	Press the ▲ or ▼ during a call.
Access <b>Phonebook</b>	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.

# Table of contents

1. Getting Started .....	4	Move a phonebook entry.....	12
Insert the SIM card .....	4	Delete contacts .....	12
Switch on the phone .....	5	Search for a contact in the phonebook.....	12
Charge the battery.....	6	Display type.....	12
2. Calling.....	7	Storage Location .....	12
Make a call.....	7	My Number .....	13
Using the phonebook.....	7	Memory Status.....	13
Make an Emergency call.....	7	5. Messages.....	14
Answer and end a call .....	7	SMS.....	14
Options during a call .....	7	Cell Broadcast Message.....	16
Adjust earpiece volume .....	8	6. Call History .....	17
Handle multiple calls.....	8	Outgoing calls .....	17
3. Text or number Entry.....	9	Answered calls.....	17
Input Method.....	9	Missed calls.....	17
Function keys .....	9	Calls duration.....	17
Multi-tap ABC/Abc/abc Input .....	9	7. Settings.....	18
T9 Smart ABC/Abc/abc Input.....	10	Phone Settings .....	18
Symbol Input.....	10	Call Settings.....	18
4. Contacts .....	11	Security Settings .....	20
Manage contacts .....	11	Network Settings.....	21
Create new contacts .....	11	Reset .....	21
Copy phonebook .....	11	8. FM radio .....	22

9. Profiles.....	23
10. Accessories .....	24
Alarm .....	24
Schedule .....	24
Calculator .....	24
Currency exchange.....	25
Stopwatch .....	25
Countdown .....	25
11. Games .....	26
Games.....	26
12. STK .....	27
STK.....	27
Icons & symbols .....	28
Precautions .....	29
Troubleshooting .....	33
Philips Authentic Accessories.....	35
Limited warranty .....	36
Specific absorption rate information	
International standards.....	39
Declaration of conformity.....	40

# 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.

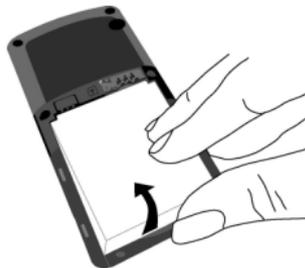
### **Remove the back cover**

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 Settings”.

*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 .
- To reject the call: press .
- To hang up: press .

---

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

---

If you have selected **Any key answer**, you can answer a call by pressing any key, except  and .

### Options during a call

---

During a call, press  **Option** to access the following options:

- Put the call on **Hold**
- **Mute** the call
- **New call**
- **New SMS**
- Access **Contacts**

## Adjust earpiece volume

---

During a call, press the ▲ or ▼ 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 dialled. You can then press  to access the following options:

- **Switch** to toggle between 2 calls.
- **Conference** to introduce the caller into a conference call.

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

Press  or  To reject the call.

Press  **Option** To access options list. You can select **Hang up** and then **Active** to end the current call and answer the incoming call.

### 3. Text or number Entry

#### Input Method

---

Your phone supports 4 types of input methods:

Multitap ABC/Abc/abc

T9 Smart EN/En/en

Numeric

Symbols

During text editing, long press  to switch between different languages and short press  to switch between the different input methods of a language. The status bar at the top of the screen will display the current input method. ,  and  represent Multi-tap upper, Smart Multitap and Multi-tap lower case English input respectively, ,  and  represents T9 Smart English upper, Smart English and Smart English lower case input respectively,  represents numeric input.

#### 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.
-  Enter symbols.
-  Switch input mode.

#### Multi-tap 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.

---

*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
	d e f 3
	g h i 4
	j k l 5
	m n o 6
	p q r s 7
	t u v 8
	w x y z 9
	0

## T9 Smart EN/En/en Input

Smart 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.

## Numeric input

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

## Symbol Input

1. Press  to view the input method list and press / to select the desired symbol. Press  to enter.

## 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

---

Select a name from the phone book list and press  **Option** to access the following options:

<i>Create</i>	<i>My number</i>
<i>Copy</i>	<i>Memory status</i>
<i>Move</i>	<i>Copy all</i>
<i>Delete</i>	<i>Move all</i>
<i>Find</i>	<i>Delete all</i>
<i>Display type</i>	
<i>Storage location</i>	

### Create new contacts

---

1. Enter **Contacts** in idle mode. Press  **Option** and select **Create**. Select the storage location and press  **Select**.
2. If you select **SIM**, you need to enter the name, mobile number, office number, home number, email and address. After you have entered all the information, press  **OK**.
3. If you select **Phone**, the procedures will be the same as above.

### Copy phonebook

---

You can copy the current or all contacts in your phone to your SIM card and vice-versa.

1. Enter **Contacts** in idle mode, Press  **Option** and select **Copy** or **Copy all** and press  **Select**.
2. Select **To SIM** or **To phone**. If you choose **Copy**, you have to press  **Option** and **Select** which contact you wish to copy. Press  **Option** and **OK** to confirm.
3. A confirmation prompt will be displayed on the screen. Select  **OK** to confirm the operation or select  **Cancel** to cancel the operation.

## Move a phonebook entry

---

1. Enter **Contacts** in idle mode, Press  **Option** and select **Move** or **Move all** and press  **Select**.
2. Select **To SIM** or **To phone**. If you choose **Move**, you have to press  **Option** and **Select** which contact you want to move. Press  **Option** and **OK** to confirm.
3. A confirmation prompt will be displayed on the screen. Select  **OK** to confirm the operation or select  **Cancel** to cancel the operation.

## Delete contacts

---

1. Enter **Contacts** in idle mode and select **Delete** or **Delete all**.
2. If you choose **Delete** you have to press  **Option** and **Select** which contact you want to delete. Press  **Option** and **OK** to confirm.
3. A confirmation prompt will be displayed on the screen. Select  **OK** to confirm the operation or select  **Cancel** to cancel the operation.

## Search for a contact in the phonebook

---

1. Allows you to look for a contact in the phonebook. Press  in idle mode to access the **Contacts** menu. Then press  **Option** -> **Find**. Enter the name or number that you want to search and press  **OK**; or
2. Press  in idle mode to access the contact list directly or press  to enter **Contacts** and press  and **Select** your contact from the list. Press the key that corresponds to the letter you wish to search (e.g. press  key three times to access the letter V). The first record starting with this letter in the list will be selected.

## Display type

---

Allows you to select the items to be displayed in the contact list. You can choose to display either **Name** or **Name and number**.

## Storage Location

---

The number you have added can be saved to the location you have selected (SIM or Phone).

## 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.*

---

## Memory Status

---

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

## 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, follow the steps below:

1. Select **Create** and start to write your message.

Press  **Option** to access the following options:

**Insert template** Insert preset SMS text.

**Insert contact** Enter the contact list for multiple contact selection.

2. When you finish writing your message, press  **Option** to access the next options:

**Send** Send the message.

**Save** Save the message in drafts folder.

**New number** Enter the phone number.

**Contacts** Select new contact.

**Delete** Delete the message.

**Delete all** Delete all messages.

---

*When you send a message via the SMS network, your phone may display “Sent”. 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.

When a message is displayed, press  to read it, then press  **Option** to access the following menu options:

**Reply** Reply to the sender.

**Delete** Delete a selected message.

**Move to my folder** Move the selected message to **My folder**.

**Forward** Forward the selected message.

**Delete all** Delete all messages in the Inbox.

#### Outbox

Messages that were not sent successfully will be stored in **Outbox**.

## Sent

When you send a message, the messages will be stored in *Sent*.

When you are in the Sent message list, press  *Option* to access the following options:

- Delete* Delete a selected message.
- Forward* Forward the selected message.
- Move to my folder* Move the selected message to *My folder*.

*Delete all* Delete all messages in the Outbox.

When a message is displayed, press  *Option* to access the following options:

- Delete* Delete the selected message.
- Forward* Forward the selected message.

## Drafts

This menu lists all SMS you have saved but not sent. Press  *Select* to select a message and press  *Option* to access the following options:

- Delete* Delete the selected message.
- Delete all* Delete all messages in the Outbox.

## My folder

This menu allows you to move your SMS from your *Inbox* to *My folder*. Press  *Select* to select a message and press  *Option* to access the following options:

- Delete* Delete the selected message.
- Delete All* Delete all messages in the Outbox.

## Settings

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

*SMS center* Select your default SMS centre. If not available on your SIM card, you must enter your SMS centre number.

*Validity period* Select the length of time your messages will be stored in the SMS centre. This is useful when the recipient is not connected to the network (and thus cannot receive your message immediately). This feature is subscription dependent.

**Delivery report** When *On*, this option will notify you via SMS whether your recipient has received your SMS. This feature is subscription dependent.

**Storage location** This option allows you to select the preferred location to store your messages (i.e. in SIM or in Phone).

### **Memory status**

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

## **Cell 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**

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.

### **Channel list**

Press  to access channel settings. You can *Select*, *Add*, *Edit* or *Delete* channels.

## 6. Call History



Your mobile phone can provide you with a list of outgoing and incoming calls, attempts at auto redialling, as well as call details. The different types of calls (*Missed calls*, *Outgoing calls* and *Answered calls*) are represented by different icons. They 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.

### Outgoing calls

---

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

### Answered calls

---

This menu allows you to view the recent calls received.

### Missed calls

---

This menu allows you to view the recent unanswered calls. Select an item and press *Option* -> *View detail*

to view the name, date, time and the number of times you have missed each call.

Press *Option* to access the following options:

- Call* Dial the number.
- IP call* Make an IP call.
- Send SMS* Send message to the contact.
- Save* Save the number.
- Delete* Delete the current number.
- Delete all* Delete all numbers.

### Calls duration

---

This menu allows you to view total *Dialed*, *Answered* and *Last call time* (displayed in hours, minutes, seconds). You can press *Clear* 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 (time and date, security, call divert, etc.).

### Phone Settings

---

#### **Ring tone**

Allows you to select a ringer tone for the incoming call, SMS, alarm and schedule. Press *Select* and scroll through the list and wait to hear the selected melody being played.

#### **Date and Time**

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

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

*Date/Time Format* Set *Time Format* and *Date Format*.

#### **Language**

Allows you to select a language for all the menu texts. Press  $\blacktriangle$  or  $\blacktriangledown$  to browse the list of languages and press *OK*.

#### **Display**

This menu allows you to set the display options in idle mode.

#### **Wallpaper**

Set the background image of the main screen in idle mode.

#### **Backlight**

Allows you to set the backlight duration among *10s*, *20s*, *30s* and *60s*.

#### **LCD contrast**

Allows you to choose from different levels of contrast.

#### **Brightness**

Allows you to choose from different levels of brightness.

### Call Settings

---

#### **Call diversion**

To divert incoming calls to your voice mailbox or to a number (whether in your phonebook or not).

- Unconditional* Will divert all voice calls.
- Busy* Allows you to choose in which circumstance you want to divert the incoming calls.
- No reply*
- Unreachable*
- Cancel diverts* Will cancel all diverting options.
- Status* Check the diversion status.

### **Call waiting**

This is a kind of network service. If you select *On*, the phone will inform you during a call when another person is trying to reach you. Otherwise if you select *Off*, 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 *Divert if Busy*).

### **Any key answer**

Select to turn *On/Off* any key answer.

### **Active flip**

Select to turn *On/Off* active flip feature. When activated, this option allows you to answer an incoming call by simply flipping up the phone cover.

### **Auto redial**

Allows your phone to redial the number at intervals automatically if the call you make is not answered. Select *On/Off* to activate or deactivate this function.

### **Auto answer**

Allows your phone to pick up the call automatically. Select *On/Off* to activate or deactivate this function.

---

*The auto answer menu can be activated only when the earphone is used.*

---

### **Flash dial**

Allows you to quickly dial the number stored in your phonebook. You can set a maximum of 8 speed dial numbers, so that a long press on the numeric key will dial the number associated with that numeric key.

### **IP code**

Allows you to store the IP service number so that you need not enter the number before you make an IP call. Enter your IP number with the keypad and press  *OK* to confirm.

## 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 [Edit](#) to enter the number.

To listen to voice mail you can select [Answer](#).

---

*If you press and hold key 1 in idle mode, you can access your voice mail server quickly.*

---

## Minute reminder

Allows you to select whether or not to receive alerts during a call. The alert will be emitted at every 50 seconds interval. You can press to select [On/Off](#) to activate or deactivate this function.

## Connection tone

Allows you to select whether or not to receive alerts when your phone is connected. The alert will be emitted at every 50 seconds interval. You can press to select [On/Off](#) to activate or deactivate this function.

## Security Settings

---

### Call barring

This menu allows you to limit the use of your phone to specific calls by letting you bar both outgoing and incoming calls. This function is network dependent and requires a specific call barring password supplied by your service provider.

The [Incoming calls](#) menu allows you to select [Bar incoming](#) or [Barring incoming calls when Roaming](#).

The [Outgoing calls](#) menu allows you to select [Bar outgoing international](#), [To domestic only](#) or [Bar outgoing](#) calls.

The [Cancel all](#) menu allows you to remove all barring functions.

The [Modify password](#) menu allows you to change the barring password.

### SIM password

This menu is used to activate/deactivate the PIN Lock and change the PIN password.

### PIN lock

PIN (Personal Identification Number) Lock is used to prevent SIM card from unauthorized use. The PIN is supplied with the SIM card. The service provider supplies the default value. Select [On/Off](#) to activate or deactivate this function.

If you key in an incorrect PIN code three times in succession, the PIN code of SIM will lock and the phone will ask you to enter the PUK Code.

The PUK code is supplied with SIM card. If it is not supplied, you can get the code from the service provider. If you key in an incorrect PUK code ten times in succession, the SIM card will be locked forever.

### Phone lock password

PIN password protects your phone against unauthorized use by other people. The password is necessary when you delete all data or restore factory settings. The phone lock password is given to you by your service provider.

## Network Settings

---

This menu allows you to select the service network.

- Current network** Shows the information of the current network you use.
- Auto select** Your phone will automatically select and register to an available network.
- Manually select** 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.*

---

### Reset

---

This menu allows you to restore your phone to its factory settings. Press  OK to confirm.

---

*Once you have entered the correct password (same as your Phone Lock Password, default value is 1122), your phone will be restored to its factory settings.*

---

## 8. FM radio



This menu allows you to listen to the radio on your phone. Connect the headset to the headset connector on the left side of your phone. To turn on the radio, press **O** to auto-search the radio channel, then press *Option* to access the options described below.

*My stations* Save/switch on the selected channel.

*Manual search* Press  *Option* then select and *Input frequency*. When you finish the input, you can save this channel to *My stations*.

*Auto-search* Search automatically for a channel.

*Delete* Delete the current channel.

## 9. Profiles



This menu allows you to set the ring of the incoming call, new message and so on. It also allows you to set alert type, volume of the ring and answer mode and backlight etc so that your phone can fit all kinds of environments. Select *Normal/Silence/Meeting/Outdoor* or *Personal* and press  *Option* to access the following options:

- Volume* Allows you to set the volume of *Ring Tone* and *Receiver* to one of the seven levels.
- Ringer type* Includes *Incoming call, SMS, Alarm, Schedule* (*Ring tone* and/or *Vibrate*).
- Key tone* Select *On/Off* to activate/deactivate.
- Pwr on/off tone* Select *On/Off* to activate/deactivate.

## 10. Accessories



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 .
2. Select the status and set it *On*.
3. Enter the time.
4. Select the period: *Once/Daily/Working day/Weekend*.
5. Edit the alarm name.
6. Repeat the above steps to set other alarms.

---

*The alarm clock will ring even if you turned off your phone. Press to stop the alarm ringing. Press to stop the ringing temporarily. The alarm will ring again around 4 minutes later.*

---

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

---

### Schedule

---

Allows you to create, store and manage events in your scheduler. Press to access the following options:

- Input date*      Enter the date of the event.
- Create*            Create a new event.
- Schedule*         Display the list of events.
- Memory status*    Display the memory available in your phone.
- lete All*

---

*The scheduler shares the mobile memory capacity with other features (phonebook, SMS etc).*

---

### 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 *Option* to select.

---

*You can also press to insert the decimal point directly.*

---

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

---

*The result of the calculator is indicative. The calculation accuracy is up to 7 decimal places maximum. The result is then truncated after the 7th decimal digit for the next operation.*

---

## Currency exchange

---

Allows you to convert a sum from one currency into another using the exchange rate of your choice. Enter the currency in the **From** and **To** fields, then the rate will display on the **Rate** field. You may also enter the rate and an **Amount** to exchange. The sum is then calculated automatically.

## Stopwatch

---

When you enter Stopwatch menu, the screen will display Stopwatch with a start time as 00:00:0.

Press  **Start/Back** to start/exit the Stopwatch timer. When you press  **Start**, the left soft key will become **Pause**.

When you press **Pause**, the soft keys will become **Continue/Reset**. You can continue or reset your stopwatch timer.

## Countdown

---

Enter the Countdown menu and enter the countdown minutes.

1. Press  **Cancel** to stop the countdown timer.
2. Press  **Start** to start the countdown timer and press  **Back** to exit.

At the end of the countdown, the phone will emit an alarm.

## II. Games



### Games

---

Select a game and press . For details regarding a certain game, please refer to the onscreen instructions.

## I2. STK



### STK

---

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

---

This menu provides value-added services and the service 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.



**Meeting mode** - Your phone will vibrate only when receiving a call.



**SMS message** - You have received a new 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).



**SIM memory full** - The SIM's memory is full. Delete items to store new ones.



**Phone memory full** - The phone memory are all full. Delete items to store new ones.



**Memory full** - The phone and SIM's memory are all full. Delete items to store new ones.



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



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



**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 / 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).

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 battery and accessories, as the use of any other accessories may be dangerous, and will make all guarantees for your Philips phone null and void. The use of an incorrect type of battery may also cause an explosion.

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 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.



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

# 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's status is "on", your phone will automatically answer the incoming call in 5 or 10 seconds.

# 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.

# Specific absorption rate information

## International standards

### 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 Phillips 580 when tested for compliance against the standard was 1.36 W/kg for ICNIRP recommendation.

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.

# Declaration of conformity

We,  
Philips Electronics Hong Kong Ltd  
Business Group Mobile Phone  
5/F, Philips Electronics Building  
5 Science Park Avenue  
Shatin New Territories  
Hong Kong

declare under our sole responsibility that the product  
CT 0580  
Cellular Mobile Radio GSM 900/1800  
TAC: 35209401

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

EN 60950, EN 50360 and EN 301 489-01/07  
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 Notified Body:  
PHOENIX TESTLAB GmbH, Koenigswinkel 10D-  
32825 Bloomberg, Germany.  
Identification mark: 0700

August 25th, 2006

Quality Manager

