



PHILIPS

Table of contents

1. Discover your phone	1	2.6 Phonebook	15
1.1 Keypad	1	2.6.1 Search	16
1.1.1 Alphanumeric Keys	1	2.6.2 Adding names to the phonebook	17
1.1.2 Control Keys	3	2.6.3 Contacts List	17
1.1.3 Key Operation in Idle Mode	5	2.6.4 Memory Status	19
1.1.4 Key Operation without a SIM Card (SOS Emergency calls)	6	2.6.5 Delete All	19
1.2 Display Screen	6	2.6.6 Copy All	19
1.2.1 Main Screen	6	2.6.7 Move All	20
1.2.2 Small LCD Screen	8	2.6.8 Group Settings	20
1.3 Inserting the battery	10	2.6.9 Choosing a Storage Location	20
1.4 Inserting the SIM card	10	2.6.10 Own Information	20
1.5 Charging the battery	11	2.7 Transmission between Phone and PC	21
2. Main Features	12	2.7.1 Before Using PC Sync	21
2.1 Switching on the phone	12	2.7.2 Using PC Sync software	21
2.2 Switching off the phone	12	2.8 Use your phone as a Modem	26
2.3 Make a call	12	2.9 Fotocall	27
2.4 Answering a Call	13	2.10 Functions Demo	27
2.5 Text Input	13	3. Menu Options	28
2.5.1 T9 mode	14	3.1 Messages (network-dependent)	28
2.5.2 Multi-Tap (abc/ABC)	15	3.1.1 SMS (network-dependent)	28
2.5.3 Numbers (123)	15	3.2 Call List	34
		3.3 Phone setting	36
		3.3.1 Group melody	36

3.3.2 Ring Volume	36	3.6.2 Recorder	52
3.3.3 Phone setting	36	3.6.3 Biorhythm Graph	52
3.3.4 Call setting	39	3.7 WAP (Network-dependent)	53
3.3.5 Date/time settings	41	3.7.1 Homepage	53
3.3.6 Security Settings	41	3.7.2 Favorite	53
3.3.7 Call Screening	42	3.7.3 Last Visit Page	53
3.3.8 Network Setting	43	3.7.4 Browse	53
3.3.9 Factory Settings	44	3.7.5 Settings	53
3.4 Profile Settings	44	3.8 Multimedia	55
3.4.1 Personalised setting	46	3.8.1 Camera	55
3.5 Tool	46	3.8.2 Picture Album	57
3.5.1 Organiser	46	3.8.3 Capacity Query	58
3.5.2 Alarm Clock	48	3.9 STK Service	58
3.5.3 Calculator	49	4. Accessories	59
3.5.4 Stopwatch	50	4.1 Charger	59
3.5.5 Reverse Timer	50	4.2 Earpiece	59
3.5.6 Auto On/Off	50	4.3 Data Cable	59
3.5.7 World Time	50	Precautions	60
3.6 Entertainment	51		
3.6.1 Games	51		

1 • Discover your phone

1.1 Keypad



This mobile phone comes with a keypad that comprises 25 keys and can be sub-divided into two areas as follows:

- An alphanumeric key area, with a total of 12 keys
- A control key area, with a total of 13 keys

1.1.1 Alphanumeric Keys

There are 12 keys in the alphanumeric key area and they are arranged according to a specific rule. There are 10 number keys from  - , the other two keys are  and .

The keys in the keypad area allow you to enter numbers or characters. Depending on the screen environment, the same key may represent different output values as shown in the following table:

Keypad Tabs	Using the Editor function						
	Alphanumeric		Numbers		Code	Time	Calculator
	Capital letters A, B, C	Small letters a, b, c	Short press	Long press			
1	Space 1@_#=<>)&£\$¥	Space 1@_#=<>)&£\$¥					
2ABC	ABC2ÄÄÅÆÇ	abc2ääåæç	2	2	2	2	2
3DEF	DEF3ÉE	def3ée	3	3	3	3	3

Keypad Tabs	Using the Editor function						
	Alphanumeric		Numbers		Code	Time	Calculator
4GHI	GHI4IÌ	ghi4Iì	4	4	4	4	4
5JKL	JKL5	jkl5	5	5	5	5	5
6MNO	MNO6ÑñÖöØ	mno6ññööø	6	6	6	6	6
7PQRS	PQRS7ß	pqrS7ß	7	7	7	7	7
8TUV	TUV8Üü	tuv8üü	8	8	8	8	8
9WXYZ	WXYZ9	wxyz9	9	9	9	9	9
0	.0/""?!,:; ç*+-%	.0/""?!,:; ç*+-%	0	.	0	0	0
*	Switch input modes	Switch input modes	*	+	/		+ - * /
#	Short press: Shift case Long press: Input symbols	Short press: Shift case Long press: Input symbols	#	wp			.

1.1.2 Control Keys

Hang up () key:

The red key to the right of the keypad area, also called the Red key or On/Off key.

- When the phone is switched off, press this key to switch on the phone. (When the phone is charging, a long press on this key is required to switch on the phone).
- When the phone is switched on, a long press on this key in any mode will switch off the phone.
- When browsing menus or in editing mode, a short press on this key will return to the idle screen.
- Press this key to end a call.
- Press this key to reject an incoming call.

Pick-up () key:

The green key to the left of the keypad area, also called the Green key or Send key. Press this key to answer an incoming call or dial a number.

Left softkey () and right softkey ()

The uppermost key to the left of the keypad area is the Left Softkey, and the uppermost key to the right of the keypad area is the Right Softkey. These keys generally correspond to the functions shown in the softkey indication area at the bottom of the screen. Hence, depending on the definition of the application, they have different functions.

Navigation keys: Consist of 4 keys -  ,  ,  ,  .

Up () and Down () keys:

- Press to scroll up and down in the text editor to display a list of applicable characters.
- Press to scroll up and down the screen.
- Press to browse short messages or long texts.
- Press to scroll to the next picture when browsing pictures.
- Press to adjust the focus of the camera when taking a picture.

Note: The  /  keys feature an auto-repeat function: A long press on one of the two keys is equivalent to pressing it repeatedly, i.e. when you press the keys long enough such that it exceeds the preset time, the auto-repeat function of the key will be activated. The interval for auto-repeat is preset and you cannot modify it.

Left () and Right () keys:

- Press to move the cursor left or right in an editor.
- Press to browse the main menu.
- Press to scroll the pages when browsing a list.
- Press to scroll to the next picture when browsing pictures.

- Press to select a frame or background to overlap when taking pictures with special effects.
- Press to adjust the focus when the camera is in view-finding mode.

Confirm () key

The key at the centre of the four navigation keys is also known as the Middle key. By default, the key is used to confirm a selection.

Clear/Cancel () key:

Also called the Return key.

During editing, if there are texts in the editor, a short press on  key will clear the character to the left of the cursor. If there is no character to the left of the cursor, it will clear the character to the right of the

cursor. If there are no texts in the editor, short press  key to return to the previous menu. If there are texts in the editor, a long press on  key will clear the entire character string regardless of where the cursor is positioned. However, if there are no texts in the editor, an idle screen will be displayed.

When browsing a menu, a short press on  key will return to the previous menu, while a long press on  key will return to idle screen.

There are three keys on the right side of the phone: “Multimedia” Side key, “Up” Side key and “Down” Side key (from top to bottom).

“Up/Down” Side keys



- When the flip is closed and the earphone is inserted, a short press either key allows you to answer an incoming call.
- When the flip is closed, a long press on the key will stop ringing/vibration when there is an incoming call, regardless of whether the earphone is inserted or not.
- When the flip is closed and the earphone is inserted, a long press on the key will end the current call.
- During a call, the keys can be used to adjust the volume of the earpiece or earphone.
- When the flip is opened and the phone is in idle mode, a short press on the key allows you to adjust the volume of the ringing alert.
- When the camera is in view-finding mode, short press to do a step-by-step focus adjustment; or long press to adjust the focus continuously.

“Multimedia” Side key:



- When the flip is opened and the phone is in idle mode, a long press will activate Voice Command (not supported when the flip is closed).
- When the flip is opened, a short press will access the camera interface. When the camera is in view-finding mode, short press to take a picture. The picture will be frozen. Short press again will go back to view-finding mode and take the next picture.

1.1.3 Key Operation in Idle Mode

When the phone is in idle screen, you can:

- Press  key to access the [Dialled Calls](#) list.
- Short press  key to access the main menu; long press  to activate [Voice Dial](#) or [Voice Command](#).
- Press  key to access the [Call list](#).
- Press  key to access the [Contacts](#) list.
- Press  key to access [WAP](#) menu.
- Press  key to access [Messages](#) menu.
- Press  key to access the camera view-finder interface.
- Press  key to access [Contacts](#) menu.

- Enter phone numbers directly by using the alphanumeric keys and dial the number, or access the corresponding options menu.
- Hotkeys require user definitions. (See “Hotkey setting” page 38)

1.1.4 Key Operation without a SIM Card (SOS Emergency calls)

- Press  key to access the first level menu.
- Press the left softkey to enter camera preview mode.
- Press the right softkey to access 'SOS'.

1.2 Display Screen

This mobile phone features two LCD screens: the main internal LCD screen and the small external LCD screen.

The main LCD screen supports a display resolution of 128 (W) x 160 (H) pixels, and features TFT technology with 64K colours.

The small LCD screen supports a display resolution of 96 (W) x 64 (H) pixels, capable of displaying 3 colors (yellow, green and blue), and features OLED technology.

1.2.1 Main Screen

Icons are displayed only when the phone is in idle mode. These icons will indicate the current phone status, such as battery level, network signal, etc.

Icon	Icon Name	Description
	Battery	Indicates the battery level with 5 indicator bars. When the battery is charging, the battery charge indicator bars will scroll on the screen.
	Network	The network icon is divided into two portions. The left portion indicates whether the phone is registered with a network while the right portion indicates the signal strength in 5 levels (from no signal to the strongest signal).
	International Roaming	This icon is displayed when the phone is registered with a network other than your home network; otherwise it will not be displayed.

	Local Area Network	This icon is displayed when the phone is registered to a local area network; otherwise it will not be displayed. (This feature is network-dependent.)
	Logged on to GPRS?	<p>There are two scenarios in the GPRS mode (mutually exclusive):</p> <p>The GPRS network is available, but you have not logged on to the network; or GPRS network is available, and you have logged on to the network.</p> <p>This icon is displayed when you are logged on to the network, and will not be displayed when you are not logged on to the network.</p>

 	Short Messages (SMS)	These two icons respectively indicate that there is at least one unread SMS in the Messages list and the SMS memory is full. If the memory is full and at the same time, there is an unread SMS, only the memory full icon will be displayed.
	Voice Mail	Indicates there is an unprocessed voice mail.
	Alarm Clock	Indicates that the alarm clock event is activated.
	Vibra	The phone will vibrate whenever there is an incoming call, new event or alarm clock event.
	Call Forward	Indicates that call forwarding function is activated.
	Silence	Indicates that the silence mode is activated.

	Black list	Indicates that the black list is activated.
	VIP list	Indicates that the VIP list is activated.

Idle Screen Events



- **Missed call:** Indicates that you have missed an incoming call. You can press  or  to return to idle mode. Once you exit from this screen, this prompt icon will no longer appear again.



- **New message:** Indicates that you have received new SMS. You can press  or  to return to idle mode. Once you exit from this screen, this prompt icon will no longer appear again.



- **Organiser alert:** Lowest priority. When there is an event of higher priority, only an alert tone will sound. The screen will not display the organiser alert icon. The organiser alert screen will only be displayed after you exit from other events of higher priority. Press  or  to return to idle screen.

Call a dialled number

Press  key in idle mode to display the “Dialed Calls” list. Use  /  key to select one of the dialed numbers and press  key to dial the number directly.

1.2.2 Small LCD Screen

When there is no new event or action, the small LCD screen will automatically switch off after 20 seconds. Icons displayed on the small LCD screen in idle mode are listed in the table below:

Icon	Icon Name	Description
	Battery	Indicates the battery level with 5 indicator bars. When the battery is charging, the battery charge indicator bars will scroll on the screen.

	Network	The network icon is divided into two portions. The left portion indicates whether the phone is registered with a network while the right portion indicates the signal strength in 5 levels (from no signal to the strongest signal).
	International Roaming	This icon is displayed when the phone is registered with a network other than your home network, otherwise it will not be displayed.
	Local Area Network	This icon is displayed when the phone is registered to a local area network; otherwise it will not be displayed. (This feature is network-dependent.)

 	Short Messages (SMS)	These two icons respectively indicate that there is at least one unread SMS in the Messages list and the SMS memory is full. If the memory is full and at the same time, there is an unread SMS, only the memory full icon will be displayed.
	Voice Mail	Indicates there is an unprocessed voice mail.
	Alarm Clock	Indicates that the alarm clock event is activated.
	Vibra	The phone will vibrate whenever there is an incoming call, new event or alarm clock event.
	Call Forward	Indicates that call forwarding function is activated.
	Silence	Indicates that the silence mode is activated.

	Black list	Indicates that the black list is activated.
	VIP list	Indicates that the VIP list is activated.

1.3 Inserting the battery



Insert the battery

Align the protruded section at the top of the battery with the slot at the top of the battery compartment (Note: The three small metal strips on the battery

facing downwards and align with the corresponding three small metal strips in the battery compartment). Slide the battery into the phone and press downwards until it snaps into place.

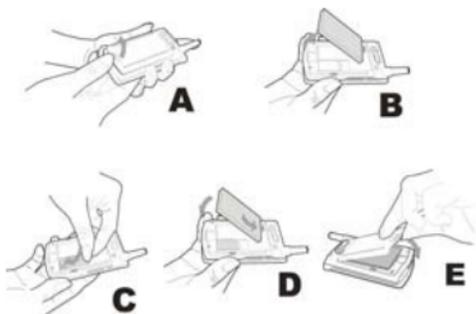
Remove the battery

Push the small release lock (at the bottom left of the battery) upward and outward to release the battery. Gently lift the battery from the phone.

1.4 Inserting the SIM card

To insert the SIM card

You must first purchase a valid SIM card supplied by your network operator. The SIM card stores your phone number and your subscription information. The SIM card can be used in any GSM mobile phone, and your phone number and subscription information will remain unchanged.



- Ensure that the phone is switched off.
- Remove the back cover.
- Remove the phone battery.
- Insert the SIM card horizontally into its slot with its gold contacts facing down (towards phone) and the notched corner at the top left corner.
- Slide the SIM card into its slot until it engages.
- Insert the battery.
- Replace the back cover of your phone: Hook the cover onto the hinges on the top of the phone. Press and push the small latch at the bottom of the cover (towards the phone) until it latches.

To remove the SIM card

- Switch off the phone and remove the battery.

- Slide out the SIM card horizontally from the slot using your finger tips.
- Remove the SIM card.
- Insert the battery and replace the back cover.

1.5 Charging the battery

Please use the charger provided with the phone to charge the phone battery.

- Plug the connector of the charger into a 220V AC power socket.
- Connect the charger adapter into the port at the base of the phone (the side with an arrow sign facing upwards) and push it into its slot.
- The battery charge indicator bars will start to scroll on the display, indicating that the phone is charging.
- When the battery charge indicator bars stop scrolling, the battery is fully charged, and you can disconnect the charger.



Note: The only way to stop the battery charging is to unplug the charger, so please use an easily accessible AC power socket.

2 • Main Features

2.1 Switching on the phone

To switch on the phone

Under normal circumstances, a long or short press on  key will switch on the phone. However, when the battery is charging, a long press is required to switch on the phone.

When the power-on animation is displayed, you can press any key to stop the animation. Your phone is then ready for your next operation.

Enter PIN code

To protect your SIM card from unauthorised use, you can set a security code (PIN code). Once the PIN code is set, you will be prompted to enter the PIN code every time you switch on your phone.

- Enter PIN code (For security reasons, the screen will display “*” to represent the input characters. If you make a mistake, you can press  to delete the wrong input.)
- Press  key to confirm. The phone will start registering itself with the network after the PIN code is validated.

Once the screen displays the name of a network, you can dial a number or receive a call. If the screen does not display any network, you need to register again.

Note: If you enter a wrong PIN code 3 times in a row, your SIM card will be blocked. If this happens, please contact your SIM card provider.

2.2 Switching off the phone

Switch off the phone

Under normal circumstances, a long press on  key will switch off the phone.

2.3 Make a call

- This function is only available when a network is established (indicated by the network name displayed on the screen).
- Enter a phone number.
- Press  key to dial directly or go to the options menu and choose **Call**. Call option has the same function as  key.

End a call

Press [End] softkey or  key to end a call. You can also close the flip to end a call.

Make an international call

- Press and hold  until a “+” sign appears on the screen.
- Enter the country code.
- Enter the area code (normally without the preceding “0”) and the telephone number.
- Press  to dial directly or go to options menu and choose **Call**.

Making two calls at the same time (network-dependent)

You can put an active call on hold and call another number:

- Use the “Call options” menu to put the active call on hold. Select a number from the phonebook or dial a number directly from the keypad.
- Press the [Dial] softkey or  to start dialing.

Switch calls (network-dependent)

If you have two calls in progress, one active and one on hold, you can use the “Call options” menu to toggle between the two calls.

2.4 Answering a Call

Answer a call

To answer a call, press the [Answer] softkey or  key.

Reject a call

To reject a call, press the [Reject] softkey or  key.

Answer a second call (network-dependent)

If the Call Waiting option is activated, you will receive a prompt when there is another incoming call. You can:

- put the active call on hold and answer the second call.
- press  key to end the active call and answer or reject the second call like in a normal call.

2.5 Text Input

This phone features T9 text input.

You will often need to enter text information when using your phone; for example, names in the phonebook, short messages (SMS), text in the notepad, WAP input, mode names, group names, etc.

Texts can be entered in different input modes as described below:

- T9 mode: Allows you to use the T9 predictive text input method;
- Multi-Tap: Press the key corresponding to the letter you wish to enter. To enter the first letter on the key, press the key once. To enter the second letter on the key, press the key twice quickly, and so on until all the letters you need are displayed on the screen.
- Numbers (123): Allows you to enter numbers.

Toggle between input modes

You can press  to toggle between different input modes in an editor. Press  repeatedly to toggle between the input modes.

Shift case

Press  to toggle between upper case and lower case.

Input symbols

In any input mode, press  to shift to symbols and punctuation mode. To input a symbol, press the number key corresponding to the number on the left of the symbol. After which, your phone will automatically return to the original input mode. If there are too many symbols to fit within a screen, you can press  /  keys to scroll through the pages.

Screen layout

Text area Displays the texts you have entered.

Input lines Displays the combination of letters.

Delete operations

When there are texts in the input line, pressing  will delete the character or symbol to the extreme right of the input line, and the contents of the candidate line will be updated accordingly until the entire input line is deleted. A long press on  will clear the entire input line. When there are texts in the candidate line and the input line is empty, pressing  will clear the contents of the candidate line.

When both the input and candidate lines are empty, a short press on  will delete the character to the left of the cursor in the text area, or the character to the right of the cursor will be deleted if there is no character on its left. A long press on  will delete all contents in the text area. When the text line is empty, another short press on  will allow you to exit from the current editor and return to the previous state.

2.5.1 T9 mode

This feature allows you to enter each desired letter of a word by pressing its corresponding number key just once without having to consider the order of the letter

on the key. The possible letter combinations will be displayed in the input line. (If there is an Up/Down arrow to the right of the line, it means there are other choices and you can press the  /  keys to select.) After selecting a word, press . The word will be inserted with a space after the cursor position in the text area.

2.5.2 Multi-Tap (abc/ABC)

This feature allows you to input directly within the text area.

Press the key corresponding to the letter you want. To enter the first letter on the key, press the key once. To enter the second letter on the key, press the key twice quickly, and so on until you have the desired letters displayed on the screen.

2.5.3 Numbers (123)

This feature allows you to input directly within the text area.

Press the numeric keys  -  directly to add the corresponding number to the text area currently being edited.

2.6 Phonebook

Your mobile phone features a phonebook menu that allows you to store commonly used numbers and information in the phonebook located either in the SIM card or on the phone itself. It also supports other functions such as [Search](#), [Add](#), [Edit](#), [Delete](#), [Flash Dial](#), [Send SMS](#), etc.

Note: The phonebook cannot be used immediately when the phone is just switched on, as the phonebook is being initialized. Please wait a while before using it.

Phonebook classification

Your mobile phone features two phonebooks: one on your SIM card (number of names it can store depends on the card capacity) and the other one on your mobile phone (which has the capacity to store up to 500 name cards). These two phonebooks are different in terms of their contents and methods of operation. However their records are combined and sorted together in the contacts list. A SIM phonebook record is identified by an icon on its right, which looks like a SIM card; while a phone phonebook record has a default field type icon on its right.

- SIM phonebook
Each record in the SIM phonebook includes a name and phone number.
- Phone phonebook (i.e. smart phonebook)
Each record in the smart phonebook is called a “Name card”. A name card may include the following information:
 - Name (a maximum of 40 alphabets)
 - Phone number (one name card can include a maximum of five phone numbers and the type may be duplicated.) The maximum length of a phone number is 21 digits. If a phone number has 21 digits, the first byte shall be a “+”, and the remaining 20 digits may be any digits or symbols such as “0-9”, “*”, “#”, “w” and “p”.
 - Default number type (if the entries in the SIM card are copied or moved to the phone, the numbers will be placed in this field)
 - Mobile phone number
 - Office number
 - Home number
 - Fax number
 - Pager number
 - Email (a maximum 50 characters)

Each name card (when created) should include the name (mandatory) and at least one other piece of information.

Your Smart phonebook allows you to group the name cards into categories such as “Default”, “Family”, “Friend”, “Colleague”, “Social” and “Private” (you can change the group name and its corresponding group icon). You can define a different melody for each group to differentiate one from another.

2.6.1 Search

You can use this menu to access the composite list that includes the contacts from both the SIM phonebook and the Smart phonebook. Enter the first letter of the name you are searching or simply press  to access the list. If there is a match for the letter you have entered, the first record starting with this letter will be displayed in the list. Otherwise the first record in the list will be displayed.

Tip: In idle mode, press  to access the Contacts list directly.

By entering the first letter of the name, you can quickly access the entries that begin with that letter. Then you can press  /  keys to browse through the entries.

2.6.2 Adding names to the phonebook

SIM card

If you are using SIM Card memory, you may first open the name editor, enter a name and press  to confirm. A number editor will be opened and you will be prompted to enter a number. Press  to complete the input of a phonebook entry.

Phone

If you are using phone memory, you may first open the name editor, enter a name and press  to access a name card field option list where you can choose to enter different types of information. Press  to enter the information and press again to complete the input of the phonebook entry. Thereafter, you can add different fields to this newly created name card, set default fields and assign a group to this new record.

Note: A newly created record by default will be assigned to the “Default” group, however you can reset it later.

2.6.3 Contacts List

Using the Contacts List

The Contacts list displays a list of names. To the right of each name is an icon indicating the type of record. If it is a record in the SIM card, a SIM card icon will be displayed. If the record is stored in your mobile phone, the field type icon of the default number will be displayed.

You can add a new record.

You can also perform the following operations in the options menu:

- **Send SMS:** You can send a SMS to the default number of the selected record.
- **Send business card:** You can send the selected record as text in a SMS. (Note: As there is a limit on SMS length, a record containing too many characters may not be sent in full.)
- **Edit (name):** To change the selected record (name).
- **Delete:** To delete the selected record.
- **Change Fotocall picture** (if the name card is associated with a Fotocall picture):

Access the picture list. Only pictures not bigger than 128 x 128 will appear. Press  /  to select and press  to confirm. Once a name is associated with a Fotocall picture, the Fotocall picture will be

displayed on the screen when the person calls you from any number stored in his/her name card or when you call one of the numbers stored in this person's name card.

- **Cancel Fotocall picture** (if the name card is associated with a Fotocall picture):

Select this option and you will be prompted to confirm the cancellation. Once you have confirmed, the association between the name card and Fotocall picture will no longer exist.

- **Set Fotocall picture** (if the name card is not yet associated with a Fotocall picture):

Access the Pictures list. Only pictures not bigger than 128 x 128 will appear. Press  /  to select and press  to confirm.

- **Group settings:** This option is available only for records in the Smart phonebook and is used to set the group that the record belongs to.
- **Flash dial:** Allows you to set a hotkey for the selected default number of the record.
- **Voice dial:** Allows you to set a voice dial key for the default number of the selected record.
- **Copy to phone** (if the record is in the SIM card):

When the selected records in the SIM card are copied to the name cards in your phone's phonebook, the phone numbers in the SIM card will be stored in the default

number field of the name card (and is automatically set as the default field).

- **Copy to SIM card** (if the record is in the phone):

A selected name card in your phone's phonebook may contain up to three contact numbers. This operation will copy all numbers to the SIM card and each number will take up a record in the SIM card. The names of these records come from the name field of the name cards.

- **Move to phone** (if the record is in the SIM card):
The operation is similar to the above copying operation but will erase the source records after copying.

- **Move to SIM card** (if the record is in the phone):
The operation is similar to the above copying operation but will erase the source records after copying.

If a record selected from the Smart phonebook has fields other than the phone-number field, such as email, note, address, and zip code fields, these fields will be retained. If a selected record in the Smart phonebook has only phone-number fields, it will be deleted once all its fields are moved to the SIM phonebook.

- **Call:** Dial a number.

Managing Phonebook Records

Once you have selected a record in the Contacts list, press  to manage the selected record.

Managing records in the SIM card

Send SMS, Send business card, Edit, Delete, Settings (Modify, Cancel), Fotocall picture, Flash dial, Voice dial, Copy to phone, Move to phone, and Call.

Managing records in the phone

When a phone number or fax number is selected, you can choose the following options:

Send SMS, Send business card, Edit name, Edit number, Edit number type, Delete, Set default field, Flash dial, Voice dial, Display, Copy to SIM card, Move to SIM card, and Call.

When a note, email, address or postal code is selected, you can choose to:

Edit name, Delete, Edit, Send business card, Display.

2.6.4 Memory Status

If you have selected Memory Status option, information on the capacity of both the SIM phonebook and Smart phonebook will be displayed, including:

- Used memory;
- Total capacity;
- Percentage of used memory.

2.6.5 Delete All

This function allows you to delete all records in the SIM phonebook or Smart phonebook. However, once deleted, the records cannot be recovered. Hence you will be prompted to confirm before deletion.

2.6.6 Copy All

From SIM card to phone

As long as the memory of the Smart phonebook is not full, this function allows you to copy records one by one until all records are copied or until the memory of the Smart phonebook is full.

By selecting this option, you will copy the name and number of each record in your SIM card to the phonebook in your phone, and the phone number on the SIM card shall be set as the default phone number (default field) of the name card.

From phone to SIM card

As long as the memory of the SIM phonebook is not full, this function allows you to copy as many records in the phone as you can to the SIM card one by one, until all records are copied or the memory of the SIM phonebook is full.

A name card in the Smart phonebook may contain up to five numbers. By selecting this option, you will copy all numbers to the SIM card with each number taking up a record in the SIM card. The names of these records come from the name field of the name cards.

In addition, if a record in the Smart phonebook does not contain a phone number field, the phone will skip this record and proceed to copy the next record.

2.6.7 Move All

This operation is similar to the above [Copy All](#) function but will erase the source records after copying.

If a selected record in the Smart phonebook has fields other than phone number field, such as email, note, address, and zip code fields, these fields will be retained. If a selected Smart phonebook record has only phone number fields, it will be deleted once all its fields are moved to the SIM card phonebook.

2.6.8 Group Settings

There are six preset groups, and you can rename them or associate each group with a picture.

2.6.9 Choosing a Storage Location

If you have selected the type of phonebook (in SIM or phone), the new number you have added will be stored in the phonebook you have chosen.

2.6.10 Own Information

This feature allows you to [Enter](#), [Display](#), [Edit](#) and [Clear](#) your own personal information.

Edit personal information

You can enter different fields by following the prompts. If there is no field, press  to skip directly.

Delete personal information

This feature allows you to clear your own personal information, i.e. clearing all [Own Information](#) fields.

Send personal information

You can send personal information as text in a SMS.

(Note: As there is a limit on SMS length, personal information containing too many characters may not be sent in full.)

Display personal information

This feature allows you to display all [Own Information](#) fields and browse them using  /  keys.

2.7 Transmission between Phone and PC

Note: PC Sync software and data cable are optional accessories and may not be included in the standard package. Therefore you may need to purchase them separately. Please contact an authorized Philips dealer or network operator for more information.

PC Sync software is a powerful tool for managing your mobile phone information. A phone-specific data cable and PC are what you need to use the PC Sync to back up your phone information.

PC Sync software is mainly used to synchronize and backup seven key information areas, which are: [MIDI](#), [Wallpaper](#), [Phonebook](#), [SMS](#), [Photo](#) and [Movie](#).

2.7.1 Before Using PC Sync

System Requirements

- To install and run PC Sync software, you need:
- A PC: Pentium 200 MHz or higher processor
- 32 MB or higher memory
- Operating system: Windows 95/98/Me/2000/XP
- Hard disk memory: 40 MB or higher
- A data cable: To connect the phone to your PC

Connect Phone to PC

1. Make sure the phone is switched on and connect the data cable to the phone;
2. Connect the other end of the data cable to your PC's serial port.

2.7.2 Using PC Sync software

Note: Make sure the data cable is connected properly and your PC is successfully connected to the phone before uploading or downloading any files. Initiate the PC Sync software. Once the software is launched, there will be seven icon buttons (i.e. Wallpaper, MIDI, Phonebook, SMS, Photo and Movie) shown on the initial interface. These buttons allow you to switch between these options.

Wallpaper Management

You can use the PC Sync software to open a picture file stored in the PC and download it to the phone. Before downloading the picture, you will be able to resize or crop the picture or allow it to adapt automatically to the viewer and then rename it before downloading it to the phone. You can also delete a picture stored in the phone using the PC Sync software.

Upon successful connection, the stored pictures will be displayed in a list together with the remaining vacant locations available for downloading more pictures. You can select from the list a picture you want to delete or a vacant location for you to download a new picture. Of course, you can also select from the list a location that has been taken, where the newly downloaded picture will replace the existing one in that location.

Actions

1. Click  “Open” icon, and an Open File windows dialogue box will pop up. It allows you to select a picture stored in the PC to be downloaded;
2. Click  “Enlarge” icon to enlarge the picture within the picture editing frame up to 8 times the original size;
3. Click  “Reduce” icon to reduce the picture within the picture editing frame down to 1/8 of the original size;
4. Click  “Restore” icon to restore the picture within the picture editing frame to its normal size;
5. Click  “Adapt to viewer” icon to adapt the whole picture displayed within the picture editing frame to the size of the viewer;
6. Click  “Preview” icon, and a dialogue box will pop up. The portion of the picture within the viewer is displayed in the center of the dialogue box. At the bottom of the dialogue box is a “Close” button for you to close the preview dialogue box and return to picture-editing mode;
7. Click  “Delete” icon to delete your selected picture. You must first select a picture to delete before you click this icon;
8. Click  “Download” icon to download a picture you have selected from the PC to the phone. You should first select from the list box, a vacant location for you to download the picture. If you select a location that is already taken, you can still download the picture but the existing picture will be replaced;
9. Click  “Connect” icon to start connecting the PC to phone.

MIDI

You can use the PC Sync software to open a MIDI and AMR file stored in the PC and download it to the MS. Before you download it to your phone, you can listen to the MIDI or AMR and rename the file. You can also delete a ringtone stored in the phone from the PC by using the PC Sync software.

Upon successful connection, the stored MIDI will be shown in a list together with the remaining vacant locations available for downloading more MIDI. You can select from the list, a MIDI you wish to delete or a vacant location for you to download a new MIDI. Of course, you can also select from the list a location that has been taken, where the newly downloaded MIDI will replace the existing MIDI in that location.

Actions

1. Click  “Open” icon, and an Open File window dialogue box will pop up. It allows you to select a MIDI stored in the PC to be downloaded.
2. Click  “Play” icon to start playing the MIDI you have selected;
3. Click  “Pause” icon to pause and press again to continue playing the MIDI from the pause point;
4. Click  “Stop” icon to stop playing the MIDI;
5. Click  “Delete” icon to delete the MIDI you have selected. You must first select a MIDI to delete before you click this icon;
6. Click  “Download” icon to download the MIDI of your choice from the PC to the phone. You should first select from the list box, a vacant location for you to download the MIDI. If you

select a location that is already taken, you can still download the MIDI but the existing MIDI will be replaced;

7. Click  “Connect” icon to start connecting the PC to the phone.

Phonebook Management

This feature allows you to synchronize the PC with the phonebook in your phone so that the two can share the same content. You can also upload the phonebook in your phone to the PC to browse or create, delete or modify the phonebook from the PC and then reload it to your phone or store it as a file in the PC. If your phone is lost and all the contact information in the phonebook is gone with the phone, you do not have to worry because you can still import the phonebook file stored in the PC into the Sync software which allows you to browse, modify, add and delete it. Then you can download it from the PC to any mobile phone that is successfully connected to the PC.

Before you can modify the phonebook from the PC Sync software, you must first upload the phonebook in your phone to the PC. Then you can reload it to the phone once modifications are made.

Your phone stores the phonebook in two locations: One in the SIM card and the other in the phone itself.

A phonebook record stored in the SIM phonebook can only have one phone number while the record stored in the phone's phonebook can contain several phone numbers and a variety of information. When the phonebook in your phone is uploaded to the PC and displayed, the "Storage location" column in the list will specify whether the contact information is stored in the SIM card or in your phone.

Actions

1. Click  "Export" icon and all contact information displayed in the list in the PC Sync software will be exported in file format to the PC for storage;
2. Click  "Import" icon. You can select and open a phonebook file stored in the PC and export all the contact information into the Sync software and display them in a list;
3. Click  "Add new record" icon to add a new contact person and other contact information;
4. Click  "Edit record" icon to edit and change the record of an existing contact person and its contact information. You must first select a record to edit from the list box before you click this icon;
5. Click  "Delete record" icon to delete the record of an existing contact person and its contact information. You must first select a

record to delete from the list box before you click this icon;

6. Click  "Clear" icon to clear all contact records displayed in the list box in the Sync software on the PC and the list will be emptied;
7. Click  "Memory status" icon to view the remaining phonebook memory both in the SIM card and in the phone;
8. Click  "Upload" icon to upload all contact information stored in the phone to the Sync software on the PC to be displayed;
9. Click  "Download" icon to download all contact information displayed in the Sync software on the PC to the phone;
10. Click  "Connect" icon to start connecting the PC to the phone.

SMS

Once uploaded from the phone to the PC, the short message (SMS) will be stored in the Inbox and Outbox, respectively. If an SMS stored in the Outbox has been sent, it will be marked as "Sent". Otherwise, it will be marked as "Unsent". If an SMS has been opened before, it will be marked as "Read". Otherwise, it will be marked as "Unread".

You can create a new SMS in the PC Sync software and then save or send it. If you choose not to send but to save it, it will be stored in the Outbox, marked as “Unsent”, and can be sent later. If it is later sent, it will remain in the Outbox, marked as “Sent”. You can also edit an existing SMS and then save or send it.

You can double click an SMS in the Inbox or Outbox to view it. You can reply or forward an SMS in the Inbox. You can send or forward an Unsent SMS in the Outbox and you can forward a sent SMS in the Outbox.

You can backup the short messages into a PC and save them in a file which can then be re-imported into the PC Sync software for you to browse, modify and send. You can select an SMS from the list box to be deleted.

If your phone receives a new SMS, the message will be forwarded to the PC Sync software and saved in the Inbox as long as the phone is connected to the PC and the screen will prompt you with a message dialogue box, “You have a new SMS”. Clicking anywhere in the message box will close the box. Then you can double click the SMS in the Inbox to read, reply or forward it.

Actions

1. Click  “Export” icon to export (in file format) all SMS messages currently displayed in the Inbox and Outbox list in the PC Sync software into the PC for storage;
2. Click  “Import” icon. You can select and open the SMS file stored in the PC to export all the SMS messages into the PC Sync software and display them in a list in the Inbox and Outbox, respectively;
3. Click  “Create SMS” icon to create a new SMS;
4. Click  “Edit SMS” icon to edit an existing SMS stored in the Outbox or Inbox;
5. Click  “Delete SMS” icon to delete an SMS you have selected in the list box;
6. Click  “Empty” icon will clear all SMS messages displayed in the list box in the PC Sync software and the list box will be emptied;
7. Click  “Memory status” icon to view the memory space utilised by the SMS messages stored in the phone or SIM card, the remaining memory space and their percentages;
8. Click  “Send SMS” icon and you can send an unsent SMS you have selected in the Outbox;

9. Click  “Upload” icon to upload all SMS messages stored in the phone to the PC Sync software to be displayed;
10. Click  “Connect” icon to start connecting the PC to phone.

Photo

Once your phone is successfully connected to the PC, you can upload the photos stored in your phone to the PC Sync software and display the information of each photo in a list box. You can also make a backup copy of these photos to be stored in the PC.

Actions

1. Click  “Save” icon and you can save a copy of all photos displayed in the list box in the PC Sync software to be stored in the PC;
2. Click  “Upload” icon to upload all photos stored in the phone to the PC Sync software and display related information in a list box;
3. Click  “Connect” icon to start connecting the PC to the phone.

Video

Once your phone is successfully connected to the PC, you can upload the video files stored in the camera to the PC Sync software and display the information of each video files in a list box. You can also make a backup copy of these video files to be stored in the PC.

Actions

1. Click  “Save” icon to backup all video files displayed in a list box in the PC Sync software to be stored in the PC;
2. Click  “Upload” icon to upload all photos stored in the phone to the PC Sync software and display related information in a list box;
3. Click  “Connect” icon to start connecting the PC to the phone.

2.8 Use your phone as a Modem

Using Windows 2000 Operating System as an example:

1. Connect one end of the data cable (optional accessory) to COM1 (or COM2) port at the back of the PC and the other end to the bottom of the phone.
2. Select the “add new modem” option from the Control Panel and select a standard modem type with a standard 28800 bps.
3. In the Advance Setting for modem, add an extra initialization command, `at+cgdcont=1, “IP”, “cmnet”,` and go to “Change default preferred option” tab to select “None” in the “Flow control” check box under the conventional “Data connection preferred option”.

4. In the Modem configuration, the maximum rate is 115200. Deselect the “Use hardware flow control” option in the “Hardware function” tab.
5. Select com1 (or com2) to be used by the serial cable.
6. Set the port (where the modem is connected to) speed at 115200.
7. Set the network dial-up number and simply dial the number.

2.9 Fotocall

You can associate a picture not bigger than 128*128 (taken with the phone camera, downloaded from WAP or via the data cable (optional accessory)), with a name card in your phonebook. When you receive a call from a number in your record associated with a picture, the picture will be displayed on the screen as a background picture. Similarly, when you dial a number in your record associated with a picture, the picture will be displayed as a background picture.

2.10 Functions Demo

When you have not inserted any SIM card into your phone, you are restricted to use only certain functions in your phone. The phone will provide you with a demo of the functions available in your phone: Access the demo from the menu and you will see an automatic display of some key features of the phone.

3 • Menu Options

Note: To access the various menu options as described below, you must insert a valid SIM card into your phone. Without a SIM card, your phone will be restricted to idle mode when switched on, and an “Insert SIM Card” message will be displayed on the screen. In this mode, you are limited to use only some key menus. Pressing a numeric key in the idle mode will activate Emergency Dial Preparation editor where you can enter a number of up to 5 digits. The purpose of this feature is to allow you to use the keypad to dial an emergency number even without a SIM card.

Press  in idle mode to access the main menu. The main menu features two styles: 9-cell menu and animation menu.

You can press  /  /  /  to select a menu. After selecting a menu, press  or  to access its next submenu, from which menus will be displayed in a list.

Note: In the main menu, press numeric keys  to  directly to select a particular menu.

You can press  /  to browse the menus at various levels. Pressing  or [Confirm] softkey will bring you to the next submenu. Short press  or [Back] softkey to return to the previous menu. Long press  or short press  to return to idle mode directly.

3.1 Messages (network-dependent)

3.1.1 SMS (network-dependent)

Short message service (SMS) offers you a convenient and economical mode of communication. It allows you to send a text message quickly to others. You can use the “SMS” menu to send a short text message to another mobile phone or equipment capable of receiving SMS.

Inbox

Your phone will store the received messages in its inbox.

Apart from your SIM card (storage capacity is dependent on the SIM card used), your messages can also be stored in your phone, which allows you to store 100 more messages. You can choose your preferred storage location. If the storage space in your preferred location is used up, the messages will be stored in the other storage space.

If the inbox is empty, the phone will indicate that the SMS list is empty.

There is an “Unread” icon to the right of a new SMS in the Inbox list. Once you are in the “Details” screen of the new message, the message will be changed to “Read” state and the “Unread” icon will be changed to “Read” icon.

Once you are in the Inbox, the stored SMS list will be displayed. You can press  /  to browse the messages and the highlighted message will scroll horizontally to display its contents.

Randomly select a message and press  to delete it.

Randomly select a message and press  to access the **Details** screen: The header shows the caller’s name and number, followed by the date and time when the message is sent and the emotion icon (if any), and lastly details of the message. Press  /  to scroll through the screen to read the remaining contents if it cannot fit within one screen.

For short messages, you can choose the following options:

- **Reply:** Automatically use the sender's number as the recipient's number and open an empty text editor where you can enter the text message and send it directly afterwards.

- **Forward:** After you have selected the “Forward” option, the contents of the selected message will appear in the editor where you can edit before sending.
- **Delete:** Delete the message from the Inbox.
- **Call:** Retrieve the sender’s number from the short message and dial the number.
- **Store number:** Only when the sender’s number is not in the phonebook does this menu become available. This option allows you to extract the sender’s number from the message and save it.
- **Move to phone:** Move the current selected SMS to phone.

Outbox

Your phone stores sent short messages in its outbox. If the outbox is empty, your phone will indicate that the short message list is empty.

The Outbox is further divided into two folders, to store sent and unsent messages respectively.

- If “Save Message” is selected, the message will be placed in the “Unsent messages” outbox folder;
- If “Send and Save” is selected, it will be placed in the “Sent messages” outbox folder when you send the message;

- If “Send immediately” is selected, the message will be sent directly and will not be stored in the Outbox.

Once you are in the “Sent Messages” and “Unsent Messages” outbox folders, the short messages will be displayed in a list. Press  /  to scroll and view the list. Randomly select a message and press  to access the Details screen. If the message cannot fit into one screen, press  /  to scroll down the screen to view the remaining contents. Press  again to access the “Options” list:

- Send
- Forward
- Delete

You can choose to send or forward the message, or delete the message from the Outbox. If you select a message from the “Unsent Messages” outbox folder and send it, the message will be moved directly to the “Sent Messages” outbox folder upon being sent successfully.

Write SMS

Note: To send SMS, you will need to set the correct SMS Centre number. You can obtain the number from your network operator.

New SMS

After confirmation, your phone opens a text editor where you can enter your SMS message.

Press [Select] to confirm your entry and a screen will appear for you to add recipient. Your phone supports SMS group sending function (you can send a message to a maximum of 12 recipients at one go). You can:

- Directly input a phone number in the vacant line, then press  /  to switch to the next entry.
- Press the [Contacts] softkey to access the Contacts list, then press the [Select]/[Cancel] softkey to select/cancel (i.e. to select the number if not selected and to cancel if already selected). All selected records will have a selected mark on its right. For selected names, their corresponding default numbers will be used. Press the [Details] softkey to select other numbers associated with the name. Once you have selected multiple records, press  to confirm. All selected names will appear in the Recipient editing screen.
- Press the [Contacts] softkey to access the Contacts list. To facilitate the sending of SMS to one recipient, when you have found the recipient and the selection bar is on the recipient’s name, you can press  directly to confirm. The recipient’s name will appear in the recipient editing screen.

- Edit the number entered: When the cursor is on the line for direct number input, you can edit the number or delete the whole line.
- Delete name: When the cursor is on the selected name in the phonebook, press to delete the name.

After you have added all the recipients, confirm and access the “Options” list to:

- [Send immediately](#)
- [Attach emoticons \(i.e. emotion icons\)](#)
- [Save](#)
- [Send and save](#)
- [Save As “User Define”](#)

If you have selected “Save Message”, the message will be stored in “Unsent Messages” in the outbox folder. If “Save as User-Define” is selected, the edited short message shall be saved in the custom page (if the custom page is full, you will have to remove unwanted messages in order to make room for new ones).

You can resend it if it is not sent successfully. If all sending attempts fail, please check that you have set the SMS Centre number correctly.

Preset short messages

This phone provides you with some preset short messages. You can select any one of them. After

confirming your choice, you can continue to edit the preset message to form a new short message. Subsequent operations are the same as “New Message”.

In addition, you can use the self-defined function to preset up to 10 commonly used short messages. The “Save As User defined” feature works in the same way, but after you have edited a short message you can use this feature to save the message before sending it.

Emoticons

This phone features an emoticon function that allows you to attach an emotion icon when sending a message. If the receiving phone supports the emotion icon function, the icon will be displayed correctly when the message is read.

Note: Only a phone that supports emotion icon function can read an emotion icon that is attached to a message, otherwise the icon will be displayed as ascii characters.

SMS Settings

SMS Centre Number

Stores the SMS centre of the network that you are registered with. The number can be edited. You cannot send a short message without an SMS center number.

Validity period

Sets the length of time your message will be stored in the SMS center: **12 hours**, **1 day**, **1 week** and **Maximum**.

Status report

You can choose to **Activate** or **Deactivate** this function, which will inform you if your message has been successfully sent to the recipient, or sending is unsuccessful.

Reply path

You can choose to **Activate** or **Deactivate** this function. If it is activated and the receiver uses **Reply** function, the short message sent by him/her will automatically choose the SMS centre you have used to send the message.

Signature

You can choose **Activate** or **Deactivate**. If you select **Activate**, proceed to input the text content of the signature. Subsequently every time you send a short message, your signature will be automatically added to the message as a new line at the end of the text message once you have completed the message editing.

Note: If adding the signature results in the short message exceeding the maximum allowable length, the signature will not be attached.

Select Memory

You can choose a location as your priority location to store the short messages: SIM card or Mobile phone.

Note: If the space in your priority location is used up, the messages will be stored in other non-priority locations.

User Defined SMS

You can edit a custom short message. You can delete any unwanted custom short messages by simply clearing their contents.

Delete SMS

This menu provides two functions:

- **Inbox**
- **Outbox**

When you have made your selection and confirm the delete operation, the phone will delete all selected mails in the Inbox/Outbox.

Capacity Query

You can view the memory used by the short messages in the SIM card and the phone, the total capacity and the percentage of used memory.

Voice Mail

Note: You can divert a call to the voice mailbox (the number where callers leave voice messages) by activating the Call forward function.

Call voice mail

When a voice mail is received, the phone will prompt you. You can dial the voicemail number to listen to the message.

In idle mode, you can long press  key to automatically dial your voicemail number. If the number has not been set, the phone will prompt you with a message, “Please enter the voicemail number”.

Voicemail number

Under normal circumstances, you can obtain two numbers from your network provider.

- The number where callers leave voice messages (voice message number).
- The number you enter with the keypad to retrieve voice messages.

This function allows you to enter “Retrieve voice mail number” so that you can use the “Call voicemail” function.

Cell Broadcast

The network service allows you to receive various kinds of text information such as news and traffic information. This information is provided by the network to all subscribers within a certain area. If this service is available, the network will provide you with the available information channel numbers.

You can set up a total of 15 channels.

Cell broadcast Reception

You can choose to activate or deactivate the reception of cell broadcast SMS service. If you choose to **Deactivate** it, you will not receive any broadcast messages whether or not you have set the corresponding channel numbers.

When a broadcast short message is received, the phone will prompt you and directly display the content on the idle screen until you press a key to return to idle mode. Broadcast messages will not be stored in the phone or SIM card and will no longer be available once you exit from them.

Note: When this function is activated, the phone's idle time will be reduced.

Channel list

<New channel>

You can add a new channel number to the channels list, i.e., adding a new cell broadcast reception type. The channel number contains 3-digits at most.

Existing channel list

Randomly select a number from the list and press the [Option] softkey to perform the following operations:

- **Change:** To change the channel number.
- **Delete:** To delete a channel number from the list, which means your phone will no longer receive the messages of the corresponding channel.

3.2 Call List

The Call list is grouped into three categories:

- Dialed calls (All numbers dialed by the phone regardless of whether the call is successful or not)
- Answered calls list
- Missed calls list (All calls rejected or missed)

Up to 10 numbers can be stored for each category. The latest call appears at the top of the call list. If the list is full and there is a new record, the last record in the list will be deleted.

You can press [Send] key in the above list to directly call the number. You can also press [OK] to view the call time and press [Options] key to access options list and display:

- **Send SMS**
- **Delete record**
- **Check numbers**
- **Save** (available only when a number has not been stored)
- **Call**
- **Send number**

Delete record

Delete record menu includes three sub-menus (Dialed calls, Answered calls, Missed calls). Once you have confirmed your selection of a sub-menu, all call records under the selected category will be erased.

Call Duration and Cost

The phone can record a call's duration and cost. Usually, the cost information (network-dependent) is PIN2 code protected.

Last call duration

Displays the last call duration.

Last GPRS service

Displays the number of bytes transmitted during the last GPRS service.

All calls' duration

- **Outgoing call timer:** To view the total duration of all dialed calls.
- **Incoming call timer:** To view the total duration of all received calls.
- **Reset Timers:** To clear the timers and reset timer.

Show call cost (network-dependent)

You can choose to activate or deactivate this function. If the function is activated, both the duration and call cost will be displayed on the screen. It is set to “Off” by default.

You need a PIN2 code provided by the network operator in order to use this function.

Accum. Charges (network-dependent)

This service is available only when the SIM card contains cost information. The function allows you to set and view various information on a call's cost.

You can perform the following operations:

- **Show cost:** To show the total costs for dialed and received calls since the last time the timer was cleared.

- **Reset charge counter:** To reset the counter's reading to zero (protected by PIN2 code).
- **Show balance:** To show account balance available for calls.
- **Show limit:** To show the preset maximum limit of call costs.
- **Cancel limit:** To cancel the limit on call costs (protected by the PIN2 code).
- **Set limit:** Allows you to set the maximum limit of call costs (protected by the PIN2 code).

If call costs exceed the maximum limit, you will not be able to make a call and you will be prompted with “**No call cost**”. If this happens, all in-progress charged calls will be automatically disconnected.

Call Tariff (network-dependent)

You can view and change the unit rate. The unit rate is in the decimal system and stored in the SIM card.

- **Display rate:** To show the current set rates.
- **Reset rate:** This function is PIN2 protected and will reset the rates to the default value “1” upon confirmation.
- **Set rate:** Allows you to change the unit rate after entering PIN2 code.

3.3 Phone setting

3.3.1 Group melody

Incoming alert

The phonebook in the phone is divided into six groups. You can define different ring melodies for each group so that you know which group the caller belong to.

There are five types of melodies available under each group and a tick will appear to the right of the type bar of the selected melody. Once you are in a melody type, you will find a list of melodies of this type. A tick appears to the right of the melody currently selected. When you browse the melody list, the selected melody will be played after a certain delay at the volume level currently set (if silence is set, the melody is played at low volume).

The melodies are classified as follows:

- Traditional ring tone: Different styles of ring tone.
- MIDI ring tone: Pleasant MIDI melodies.
- Serial port MIDI ring tone: MIDI melody downloaded via the serial port.

Alarm alert tone

Allows you to set the alert tone for alarm clock.

SMS alert tone

Allows you to set the alert tone for SMS.

3.3.2 Ring Volume

The “Ring Volume” menu is the same as the “Preference Settings” menu in the “Quick Settings”. Therefore, any changes done here will apply to the environment setting you are currently in.

3.3.3 Phone setting

On/Off alert tone

You can set whether to produce an alert tone when the phone is switched on/ off.

Idle screen setting

The idle screen can be set as follows:

- Idle screen type

You can specify the type of display on idle screen.

For big screen: There are four types of idle screen displays, including digital clock, analogue clock, month view and world clock.

For small screen: There are two types of displays, comprising digital clock and analogue clock.

- Wallpaper in idle screen

You can set the background picture when the phone is in idle mode. There are 5 types of wallpaper for selection as follows:

1. Built-in (FotoCall) static wallpaper. (Pictures that are permanently stored in the phone's memory).
 2. Built-in animation wallpaper. (Pictures that are permanently stored in the phone's memory.) In idle mode, this type of wallpaper will only display time. No calendar will be displayed.
 3. Wallpaper downloaded via data cable (optional accessory).
 4. Pictures taken with the phone's camera and not exceeding 128*128 in size.
- Show time only

This option is only applicable to digital clock idle screen.

Digital clock idle screen is further divided into two types: Animation and static.

In animation background, only time will be displayed. No calendar will be displayed.

In static picture background, "Show time only" option determines whether only time is displayed on the screen. If "Show time only"

option is activated, only time will be displayed. No calendar will be displayed.

Color scheme

You can set the phone's color scheme (including the colors of the softkey bar, title bar, etc.) There are four different color schemes for you to choose.

Main menu theme

You can set the theme of the main menu. There are two menu themes for you to choose.

Language

You can set the language used for the phone menus and prompts. The phone provides a few languages, depending on the country of use.

Backlight setting

You may choose to have the backlight turned off in **10 seconds**, **30 seconds**, **60 seconds** or always **Off**.

The LCD backlight and keypad lamp will be activated (unless the backlight is set to "Off") under the following circumstances:

- A key is pressed (a long press on the side key when the flip is closed.)
- For a specific duration when an accessory is connected to the phone.

- For a specific duration when a new event occurs.
- For a specific duration when there is an incoming call.
- For a specific duration when information about the call is displayed after ending a call.
- For a specific duration after receiving information from the network.

Hotkey setting

The Hotkey function allows you to execute some commonly used functions quickly, without having to scroll through the menu for the desired function and confirm your choice one by one. You will find it very convenient to use.

However, you cannot change the function of the three keys , ,  and as their functions are predefined.

A long press on  key is used to select [Language](#);
 A long press on  key is used to dial [Voice mail](#) directly;
 A long press on  key is used to enter the [WAP](#) menu.

Note: Hotkeys are enabled only in idle mode and will be disabled when the phone is in restricted-use idle mode. (However, you are still able to change the Language setting using the  hotkey.

This phone provides a total of 8 hotkeys ( -  keys) for you to set a shortcut method. Once you are in the hotkey menu, select a hotkey and press  or [Set] softkey to access the function list. You can then select a function from the list. If “No hotkey” is selected, the hotkey setting is cancelled.

In idle mode, long press one of the keys,  - , will execute the function assigned to the key. If no function is assigned to the key, the phone will prompt “Hotkey not set”. After confirmation, you will have access to the function list and you can directly assign a function to the key.

Voice Command setting

This phone supports both voice dial and voice command functions. You should first perform voice tag training on a selected name or command, and save the training. Then in idle mode, long press the  key to perform a voice dial or voice command.

The total number of voice dials and voice commands you can set is 40.

Once you are in Voice Command setting menu, you will find the Voice Command list screen (the list is empty when used for the first time).

- **Add a new voice command**

Press the [New] softkey to access the Voice Command Function list. Select the function you want to set and you will be in the Voice Tag training process. Follow the screen prompt and pronounce the same voice tag twice. When pronouncing for the second time, try to be consistent with the first time. The new voice command will be saved if successful.

- **Option operations**

You can press the [Option] softkey to perform the following operations on the voice command currently selected:

- Play voice: Replay the tag of the voice command
- Update: Operations for updating the tag of a voice command are similar to those for adding the tag of a voice command
- Erase: To erase the selected voice command

3.3.4 Call setting

Call forwarding (network-dependent)

This is used to divert an incoming call to another phone (or fax machine) when it is not convenient for you to answer the call. You can also use it to set the forwarding conditions. This function is network dependent.

Unconditional call forwarding

All calls from the network will be forwarded to a preset number.

Call forwarding when busy

If you are busy, an incoming call will be diverted to a preset phone number.

Call forwarding when no answer

If the call is not answered, it will be diverted to a preset phone number.

Call forwarding when not reachable

If the called party cannot be reached, the call will be diverted to a preset phone number.

Cancel call forwarding

Once you are in this menu, you will be shown a list of the above four types of call forwarding, from which you can select one and confirm your selection so that the phone will send a request to the network to deactivate the call forwarding function.

Status query

You can use this menu to query the current status of all four types of call forwarding from the network.

Note: After the call forwarding function is activated, the idle screen will display the call forward soft icon.

Call waiting (network-dependent)

- **GSM call:**

When this function is activated, the phone will display a call waiting screen for you to decide whether or not to answer a new incoming call when you are already on the first call. If it is not activated, a new call will not be alerted when you are on a call and the caller will hear a busy tone. You can choose to activate or deactivate it or query the status.

- **GPRS call:**

This menu allows you to choose whether to be alerted of a new voice call when you are using GPRS service. You can activate or deactivate this function.

Minute Reminder

You can choose to have or not to have the minute reminder during a call, i.e. whether or not to have the phone emit a beep 10 seconds before the end of each minute of a call.

Any Key Answer

When this feature is activated, you can answer a call by pressing any key except the [Power] key.

Autoredial

You can choose to activate or deactivate autoredial function.

After this function is activated and a call fails to be connected, the phone will automatically redial the number at a preset interval. There will be a prompt on the screen for every redial. You can press the key to end autoredial.

The autoredial process will end if you use the phone.

Auto answer

You can choose to activate or deactivate the “Auto answer” function, i.e. to allow the phone to automatically answer an incoming call after a short period of ringing.

Active flip function

When activated, this function allows you to answer a call by opening the flip, and end a call by closing the flip.

Send ID (network-dependent)

With this menu, you can choose whether to send your own number to the called party or not.

You can use the status query function to check the phone's current status: Whether the function is activated or deactivated.

3.3.5 Date/time settings

You can use this menu to enter and set the date/time displayed on the phone by using the suggested format.

3.3.6 Security Settings

PIN Code to switch on the Phone

You can choose to activate or deactivate the PIN code function. When the function is activated, you will be prompted for the PIN code and you will not be able to use the phone unless you have entered the correct PIN code.

Call Barring (network-dependent)

This function allows you to bar both outgoing calls and incoming calls. Before you can use the phone, you need to enter the call barring password provided by your network operator, and the password will be sent to the network for authentication.

- Bar all calls: When activated, all incoming and outgoing calls are barred.
- Bar international calls: When activated, all outgoing international calls are barred.
- Local calls only: When activated, all international dialing except to the home country network are barred.
- All incoming: When activated, all incoming calls are barred.

- Roaming incoming: When activated, all incoming calls are barred when roaming.

When activated, the phone will prompt you for your call barring password. If the password is correct, the phone will communicate with the network and request for access to the function.

Cancel barring

The options under [Cancel barring](#) menu are similar to those described above.

When activated, the phone will ask you to enter the call barring password. If the password is correct, the phone will communicate with the network and request the network to cancel the function.

Status query

The options under [Status query](#) menu are similar to those described above.

Once you have confirmed your query selection, the phone sends a query request to the network and then displays the status information on the screen.

Protection Function

You can protect the important information stored in your phone, including your SMS messages, phonebook and call record.

You can set a password for SMS, phonebook and call record, or for one or some of the information type, or not to set a password at all. When setting a password, you need to select the information type you wish to set and press the  key to confirm.

If the protection function is activated for one or some of the above information type and you want to view or use the function, as well as the menu, you will be prompted to enter the protection password and you can use the function only when the entered password is correct.

If the password is incorrect, the phone will display a password error message.

The protection password has four digits, and the default password is “0000”, which you can change.

Change Password

With this menu, you can change the password, including changing the PIN code, PIN2 code, call barring and protection password.

The same procedure is used for the above changes:

- Enter the old password and confirm your entry.
- Enter the new password and confirm your entry.
- Re-enter the new password and confirm, system prompts that the change is successful.

3.3.7 Call Screening

“VIP list” call screening function provides you with an easy and convenient way to avoid receiving harassing calls. The “Black list” stores the calls (up to 10) that you do not wish to answer which will be automatically rejected; while the “VIP list” stores only calls (up to 10) that you wish to answer, and all other calls will be rejected.

Black list

This menu is used to add, query, change and erase a number in the “Black list”. This menu includes two submenu options, “Add new list” and “Search”.

The “Add new list” menu includes “New number” and “Contacts” options, in which “New number” menu is used to open the number editor, enter a new number, and then add the new number to the reject call list, while the “Contacts” menu is used to open the phonebook list and select a number from the phonebook list to add it to the reject call list.

The “Query” menu is used to scroll through the reject call list, select a reject call by using the  or  key, and then press the  key to access the option list which includes the two options “Change” and “Erase”, where the “Change” option is used to access the number editor and change the selected reject call

number, while the “Erase” option is used to erase the reject call number selected.

Allow List

The operation is the same as “Black list”.

Call Screen setting

In the Call Screen menu, you can activate the “Black list” function, “VIP list” function or deactivate call screening (only one of the three functions is valid at one time).

When you choose to activate the “Call Screen” function, the phone will automatically reject an incoming call that is included in the “Black list”.

When you choose to activate the “VIP list” function, the phone will only answer incoming calls that are in the “VIP list” and reject all other calls that are not in the “VIP list”.

When you have selected “Disable all” for this function, the call screening function will not work.

Note: When the Black list/VIP list call screening is activated, the idle screen shows the Black list/ VIP list soft icon.

3.3.8 Network Setting

The network name will be displayed on the idle screen. If the phone cannot identify the network name, it will show the country code and the unknown network number.

Preferred networks

The preferred network list is stored in the SIM card, which determines in which order of preference the phone will try to register a network.

- Preferred networks

Display the preferred network list with the first one having the highest priority.

To access the “Preferred” screen, press the [Select] key and then the [Preferred] softkey. The system will prompt “Preferred Network Confirmed”, and the network will be moved to the top of the preferred list, meaning it has the highest priority.

- Delete a network

After confirming, the preferred network list is displayed, from which you can select one and press the [Delete] key to delete it.

- Add an available network

Once a confirmation from you is received, the phone starts searching for available networks and then displays them in a list on the screen. You can select any

one of them and press the [Add] key to add the network to the end of the preferred network list.

- **Add existing network**

Once a confirmation is received from you, the screen displays the existing network list stored in the phone. You can select any one and press the [Add] key to add the network to the end of the preferred network list.

- **Add a network code**

After confirming, the phone opens the editor where you can in turn enter a mobile country code and mobile network code. After confirming, the code is added to the Preferred network list.

Log on to GPRS

This phone supports GPRS. This option is used to define the attach mode of your phone to the GPRS service: “[Always on](#)” or “[For data calls](#)”.

Register again

After confirming, the phone starts to search for available networks and then list them on the screen. Once you have selected one of the networks and pressed the [Register] key, the phone will try to register with the selected network.

3.3.9 Factory Settings

This is used to restore a set of parameters preset in the factory, including profile settings, phone unit

settings, etc. All the settings you have previously made will be lost once you use this menu. The phone prompts you before the restoration operation and will only proceed after you have confirmed.

3.4 Profile Settings

Profile settings function allows you to access a group of predefined settings, which lets you quickly adapt your phone to your environment by changing several settings at once. There is a selected mark to the right of the current mode.

Profile settings are a group of preset characteristic definitions that override the original settings when activated. The phone provides a group of default modes including [Normal](#), [Silence](#), [Meeting](#), [Outdoor](#) and [Car](#).

Each mode has a set of default values (see the following table). You can change the settings according to your preference via the Personalised function and store your changes automatically in the mode. If the mode is activated, the changed settings take effect immediately.

You can also rename the modes.

Profiles	General mode	Silence mode	Meeting mode	Outdoors mode	Car mode
Call alert (includes alarm clock alert)	Ringling and backlight	Vibration	Vibration	Ringling and vibration	Ringling
Vibration/Ringling/ alarm clock volume	Volume 5	Volume 1	Volume 1	Volume 5	Volume 5
Game tone	On	Off	Off	On	On
Organiser alert	Ringling	Vibrate	Vibrate	Ringling and vibration	Ringling
SMS alert	Ringling	Vibration	Ringling and vibration	Ringling and vibration	Ringling
Keypad tone	On	Off	Off	On	On
Connection alert	On	On	On	On	On
Battery low alert	On	On	On	On	On

3.4.1 Personalised setting

On the basis of the default settings, you can set the values in each mode according to your preference

Call alert method

You can define the method of alert when there is a call, e.g. to activate/deactivate ringer, vibra or backlight.

Ring volume

You can adjust the ring volume. There are five levels of ring volume, as well as increasing volume feature (an increasing mark appears on top of the volume level). Once a level is selected, it shall apply to all group ringing in this mode.

Alarm volume

You can also adjust the alarm volume. Once a volume level is selected, it will apply to all types of alarm.

Game tone

You can define whether alert tones are required when you are playing a game, including the game start tone, game over tone, failure tone, upgrade tone, etc.

Organiser alert

You can define whether to produce an alert or vibra when an event occurs.

SMS alert

You can define whether to produce an alert or vibra when an SMS (including the [Delivery report](#)) is received.

Keypad tone

You can define whether to produce an alert when a key is pressed.

Connect tone

You can define whether to produce an alert tone when the call is connected.

Battery low alert

You can define whether to produce an alert when the battery runs low.

Automatic switch off when battery is flat: The phone will automatically switch off when the battery runs so low that the phone cannot operate properly.

3.5 Tool

3.5.1 Organiser

With the organiser menu, you can [Create a new event](#), [View events list](#) ([Month view](#) or [Week view](#)), [Change an event](#), [Delete an event](#) or [Make a capacity query](#).

When an event is due, the phone automatically displays the **Event Due** view, where the details of the event are shown and the organiser alert beep is sounded.

You can create up to 30 events.

Week View/Month View

When in the organiser, the first screen displays the current **Month view**. The mark under a date indicates there is an event due on that day. You can switch to Week view by pressing the  key.

You can view the particular event on that day by using the navigation keys to select the day and press the  key to reveal an event list on that day.

The following options are available:

Add

Two types

- **Meeting**

If the type is “Meeting”, you need to set the date, starting time, ending time (which shall be later than the starting time), text, alert type and repeat mode.

- **Memo**

If the type is “Memo”, you need to set the event date, starting time, contents, alert time, and alert method.

Reminder

You can set different kinds of reminders. The phone provides the following options: **At event time**, **5 minutes earlier**, **10 minutes earlier**, **1 hour earlier**, **1 day earlier**, **1 week earlier** and **No reminder**. If “No reminder” is selected, the phone will not prompt you when the event is due, but the event is stored in the list and you can view it.

Repeat mode

You can set the repeat mode for an event. The phone provides the following repeat modes: **No repeat**, **Repeat daily**, **Repeat weekly**, **Repeat monthly**, and **Repeat annually**.

View

You can view the event list for a month (or a week).

You can also **View all events** list.

Delete all events

After confirming, the phone will clear all events (occurred or future).

Delete past events

After confirming, the phone will clear all occurred events.

Capacity Query

With this menu, you can check the space used by the events such as the number of events, total capacity and percentage of usage.

Event List

The event list displays all events for the current month, week or day. To show details of an event, select the event and press **[OK]**. If you press the [Option] softkey again, the screen displays the following options: **Edit**, **Reminder**, **Repeat** mode and **Delete**.

- **Edit:**

After you have selected “**Edit**”, you can change the note type, date, alert time, content, reminder type and repeat mode. If the event type is not changed, the opened editor automatically displays the original information.

- **Reminder:**

The option changes only the reminder.

- **Repeat** mode:

The option changes only the repeat mode.

- **Delete:**

Delete operation requires your confirmation.

Important Notice

What happens to the event when the phone is switched off

Note: The alert for an organizer event will be delayed until the phone is switched on. For repeated events, the phone alerts the most recent one.

When there is a change to the phone's date and time

Perform the following:

- If you consider only the most recent event in the repeated event list, you can process the event as usual.
- Unrepeated events will not be changed. This means you will be reminded again of an occurred event if you have set your phone's current time before that event.

3.5.2 Alarm Clock

This phone has a 24-hour alarm clock function. There are three sets of alarm clocks and you can activate or deactivate them.

In the alarm clock menu, select a set of alarm clocks and then “Use” to access the clock editor window where you can enter the alarm clock time. There are four repeat modes for you to select:

- Activate the alarm clock at a preset time on a particular day

- Activate the alarm clock at a preset time on every day
- Activate the alarm clock at a preset time on every working day (except weekends)
- Activate the alarm clock at a preset time on every working day (except Sunday)

Press the  and  keys to select the repeat mode field for a set of alarm clocks, and press the Left and Right navigation keys to select a repeat mode. You will also be able to set the ringer type for the alarm clock by using the Left and Right navigation keys.

3.5.3 Calculator

The calculator can perform four kinds of operations: addition, subtraction, multiplication and division. Once in the calculator menu, you can enter the number for calculation directly by pressing the numerical keys and enter a decimal point by pressing the  key. After entering the first number, you can use the  /  /  /  keys to enter “*”, “/”, “+”, and “-”, and you can also select one of the four operators by pressing the  key once to get a “+”, twice to get a “-”, thrice to get a “*”, and four times to get a “/”. Then, you can enter the second operand by using the numerical keys or  key as required. Finally, press  to get the result. If you wish to

continue with the calculation, you can enter an operator and use the result of the first operation as the first operand.

The  key allows you to perform the following operations: Options menu includes: **Reset**, **MC**, **MR**, **MS** and **M+**. In which,

- **Reset:** To clear the editing window of the calculator and restart input. (It will not affect the contents stored in the memory.)
- **MC:** Memory Clear: To clear the number stored in the memory.
- **MR:** Memory Read: To recall the number stored in the memory without erasing it from the memory.
- **MS:** Memory Store: To store the displayed number in the memory.
- **M+:** Memory Plus: To add the displayed number and the number stored in the memory and store the sum in the memory.

You can enter a number of up to 10 digits in the edit window.

The operation precision for floating point number can be approximated to the eighth digit after the decimal point and a round off operation is executed for the remaining part of the numeral (e.g. 0.123456789 is approximated to 0.12345679).

You can short press the  key to cancel an entry or to exit the calculator if there is no entry. A long press of the  key will cancel all entries, and return to idle mode if there is no entry.

3.5.4 Stopwatch

The screen displays the start time as 00:00.0. Once the [Start] softkey is pressed, the watch starts and the softkey changes to [Pause] and [Reset]. You can press the [Pause] softkey to temporarily stop the watch and keep its current reading, and then press the [Continue] softkey or  key to resume and continue the timer. You press [Reset] softkey to reset the stopwatch reading to zero.

3.5.5 Reverse Timer

This timer has a function similar to that of the alarm clock but it alerts you when the preset remaining time is reached. Once this feature is set to “On”, the phone opens an editor for you to enter how much time is left before it gives you an alert.

Note: The reverse timer will automatically switch on the phone to alert you even if the phone is switched off.

3.5.6 Auto On/Off

This phone model features an automatic On/Off switching function. You can set [Auto On](#) or [Off](#)

separately. When this option is set to “ON”, the phone goes to time editing window and prompts you to enter the time to switch the phone On/Off.

If PIN code authentication is required to switch on the phone, the screen will stay at the PIN code input screen.

Note: When you are boarding an airplane or when use of mobile phone is prohibited, please make sure you are not using this feature to prevent the phone from automatically switching on. Philips shall not be liable for any consequences arising from the use of this feature.

3.5.7 World Time

The World Time function allows you to view the time of major cities in different time zones and to set the time of the phone to that of the selected city. You can choose whether to use the daylight saving time.

There is a line to show the time both at the top and bottom of the world map. The bottom line shows local time and the top line shows the time of another location.

If there is a daylight saving time sign next to a city, it means that the city uses daylight saving time.

You can choose a city along the longitude by pressing the  /  keys. You can choose a city along the latitude by pressing the  /  keys.

You can set a remote city time using the option menu: Whether to use daylight saving time, or to set a remote city as local.

3.6 Entertainment

3.6.1 Games

Six games are preset in the phone:

The menus in Games are different from the normal menu. You can follow the screen instructions to execute the appropriate moves.

Reflexes

The screen is divided into two areas: game area and prompt area. The blocks are standard Russian blocks for 7 programs. Once a line is filled with blocks, the line is cleared and appropriate scores are added. The more lines cleared, the more scores are added. If the blocks are accumulated at the top line resulting in the newly generated blocks being unable to move down the line, the game is over. The prompt area displays the current scores and the shape of next block. The speed for the game is adjustable.

Smart Move

You can push the box, but you cannot pull the box; and you can only push one box at a time! If you pushed all the boxes to the place marked with small flowers, you win the game. You can randomly choose a game.

Snake

There is a snake, an egg laid randomly and some obstacles on the screen. The player uses direction keys to control the moving direction of the snake. Whenever the snake swallows an egg, its length increases by one. When the snake hits an obstacle or itself, you lose the game.

Mine

The objective of the Mine game is to find all land mines as quickly as possible and not to step on the mine. If you step on a mine, you lose the game.

The numbers shown on the block you have revealed signifies the number of mines in the eight blocks around it. You can mark a block as possible mine or put a question mark (?) on it. The mark can be removed. Each time you mark a mine, the mine counter decreases by one.

If all mines around a numbered block are marked, you can clear all mine-free areas around it.

Brick Game

There are three catch boards in total. When all catch boards are used up, the game is over.

At the beginning of the game, you will be asked to choose a location to start. Click the launch button to release the ball. The ball flies upward, hit and breaks a brick. The ball bounces back and you have to catch the ball, which will again bounce toward the bricks. When all bricks are broken, you pass this level. You can now proceed to the next level. When you pass a level, you get one more catch board.

There are three colors of bricks and the blue ones require two hits to break. If you miss the bouncing ball, you lose one catch board.

In addition, when the ball hits a brick that is accompanied with a gift, the gift will fall down. You can eat the gift and you can see the change after eating it. The gifts include: Extension club, shrinking club, one more board, lose one board and directly pass the level.

Lucky Star

This is similar to the Slot Machine in the Casino. Once the  key is pressed, three columns of pictures start rolling with each column consisting of 6 different patterns. If the  key is pressed again, victory or defeat is decided based on the different combinations of pictures.

Here are some game rules: The score for different combinations of pictures is different and the chance for different pictures to appear in the same location is different. The score for three identical pictures with lower chance is more. You can place different bets and the more bets you place, the more you win or lose.

3.6.2 Recorder

This mobile phone supports recording in ARM format. This feature is used for recording and managing sound files in ARM format

Once in the Recorder, you will see the list of sound files in ARM format you have recorded. The Options menu allows you to do the following:

- **Play:** Play the sound of your choice.
- **Record new sound clip:** Record new sound clip: Press the  key to start recording. Each clip can last up to 30 seconds. The maximum number of sound clips you can record is 32.
- **Delete:** To delete the sound of your choice.
- **Rename:** To rename the sound file you have selected.

3.6.3 Biorhythm Graph

Biorhythm Graph allows you to draw a curve reflecting changes in physical strength, intellect and emotion in a month according to the date of birth you

have entered and the calculated date. You can also view your conditions of the **Previous day** ( key), the **Next day** ( key), **Last month** ( key), and **Next month** ( key) in the main interface.

3.7 WAP (Network-dependent)

This phone has an integrated WAP browser. With WAP, you have access to various WAP websites on the Internet.

Note: To have access to the Internet, you need to subscribe to the data service function from your network operator. For details, contact your local network operator.

You need to configure the WAP before you use the WAP browser for the first time.

Note: Some entries in your phone configuration may be factory preset to the WAP parameters of a particular network operator. If you are a subscriber of this preset network operator, you can use the configuration directly. If you are a subscriber of other network operators, you must reconfigure the settings.

Note: If you cannot browse a WAP homepage properly because the network operator has changed its WAP settings or the Internet content provider has changed its WAP web site, our company will not be liable for

any consequence whatsoever arising from such change and no prior notice will be given. For the latest information, please contact your network operator and Internet content provider.

3.7.1 Homepage

You can directly access the homepage by selecting this menu. You can set the address of the homepage in the WAP Setting.

3.7.2 Favorite

You can maintain the addresses of five web sites you frequently visit and perform operations such as browsing, editing and resetting.

3.7.3 Last Visit Page

You have direct access to the web page you have last visited by selecting this menu.

3.7.4 Browse

By selecting this menu, you can directly enter the address of a website you want to visit.

3.7.5 Settings

Mode

There are three different mode settings available. You may activate and use one of the modes. You can also edit them.

The specific settings of each mode are as follows:

Mode name

You can set a name for the mode.

Home page

You can set the address of the homepage.

Network Operator

There are two types of network for WAP connection: Traditional GSM or GPRS. You can set their priority here:

- **GPRS first:** Use GPRS if GPRS is available.
- **GPRS only:** Use GPRS only.
- **GSM only:** Use GSM only.

GSM settings

You can set:

- **Display** settings: To display the current setting of the following items;
- **Gateway**
 - **IP address:** IP address of the gateway server. To enter 4 three-digit numbers and add zero in front if there are less than 3 digits.
 - **IP port:** IP port of the gateway server.
- **Data Call Type:** ISDN (digital) or analogue mode.
- **Telephone number:** To enter the number to be dialed. When the phone is online, it will automatically dial this number.

- **User name:** The user name you use to log on to the WAP server.
- **User Password:** The password required to log on.

GPRS settings

You can set:

- **Display** settings: To display the current setting of the following items
- **Gateway**
 - **IP address:** IP address of the gateway server. To enter 4 three-digit numbers and add a zero in front if there are less than 3 digits.
 - **IP port:** IP port of the gateway server.
- **APN** settings: To set the access point name.
- **User name:** The user name you use to log on to the WAP server.
- **User Password:** The password required to log on.

Downloading Pictures

You can choose to activate or deactivate the Download picture function.

This mobile phone currently supports downloading of the following picture formats from a web page: WBMP, GIF and JPEG. You can press the  key when the web page is displayed and select the picture you want to store. The picture will be automatically stored in the “WAP download pictures” in the picture album.

Status Bar Display

You can choose whether to display the status bar or not.

3.8 Multimedia

3.8.1 Camera

This mobile phone has a built-in digital camera, which can take pictures with different resolutions, qualities and effects. It can also record videos. The pictures will be stored in JPEG format and the videos in MJPEG format.

Preview

If you are in Multimedia menu screen, you can select “Camera”; or if you are in idle screen, you can press the left softkey or the multimedia side key directly to bring the phone into photo preview mode. Now, you can press the “Mode” key to take a normal picture, a picture with special effect, several pictures in succession or a video clip. The phone is set, by default, to take a normal picture.

In non-video Preview mode, the middle key is used to take pictures. Whereas in video mode, an odd number of presses of the middle key will start taking picture and an even number of presses of the middle key will end the picture taking process. The  and 

keys and the  and  side keys are used to adjust focus. The  key is to “Bring” the object closer, while the  key is to “Push” the object farther away. This mobile phone is capable of 21-stepping, quadruple focusing. Short press the  or  keys to adjust the focus in steps and long press the  or  keys to continuously adjust the focus.

Depending on the shooting mode, you can use the “Setup” key to set the following options:

- Environment mode: You can set the light exposure level for different environment (Auto, Sunlight, Cloudy, Fluorescent and Tungstenic). The phone is set, by default, to “Auto”.
- Color effects: You can select different kinds of color effects for the picture you are taking or the video you are recording.
- Picture quality: This option is available only in normal shooting mode, special effect shooting mode and successive shooting mode. You can select to take a picture of “Standard”, “Fine” or “Extremely fine” quality. The phone is set, by default, to “Fine” quality.
- Picture size: This option is available in normal shooting mode and successive shooting mode. You can select to take a picture, sized 128 x 128,

128 x 96, 320 x 240 or 640 x 480. The default picture size is 128 x 128.

- **Self-timer:** This option is available when in normal shooting mode. You can choose to “Activate” or “Deactivate” this feature. When this option is set to “Activate”, the camera will not take the picture immediately after you press the “Shoot” key. Instead, it will delay 7 seconds before taking the picture. This option is valid just once when it is set to “Activate” and when the picture is taken, it returns to “Deactivate” status.
- **Overlap:** This option is available in special effect shooting mode. It allows you to select a background or frame to overlap. The phone will add the selected background or frame to the view-finding screen. Now, the  or  navigation keys can be used to select an internal background or frame to overlap and the  key or middle key can be used to select the background or frame that is currently displayed. Once the picture is taken, the selected background or frame will be added to the picture.
- **Numbers of pictures to take:** This option is available when in successive shooting mode. You can select the number of pictures to take in succession up to 8.

Note: When the phone does not have enough memory, it will automatically stop shooting.

- **Interval between pictures:** This option is available when in successive shooting mode. You can enter the time interval between taking two pictures. The minimum interval for successive shooting is 1/16s (16fps). The optimal interval range for successive shooting is “10 to 63”, where 10 is tenfold, the minimum interval.
- **Frame rate:** This option is available when in video recording mode. This option allows you to set the number of video frames taken per second. The phone offers three options: “16”, “8” and “4”.

Taking pictures

Once you press the middle key to complete shooting, the screen will stay at the last picture or video frame taken. Now, you can press the “Save” key to store the picture in the “Photo” folder in the picture album, and the videos in the “Video clip” folder. If there is not enough memory, the phone will prompt you. Perform a cleanup to make room. Then go to “Photo” or “Video clip” list to organize the list. Press the  key and you will be prompted to save the picture. Select “OK”, the phone saves the picture or video and then returns to preview screen. If you select “Back”,

the phone goes back to preview screen straightaway. If you press the “Save” key when the memory is full or the phone has already stored 60 photos, the phone will prompt you. Perform a cleanup and then proceed to save it. Then go to “Photo” list.

Press the “Options” key to access the “Options” menu, which allows you to:

- **Take a new picture:** Once this option is selected, you will be in preview screen again.
- **Photo:** This option is available when the phone is not in video recording mode. When this option is selected, you enter the photo folder.
- **Video clip:** This option is available when the phone is in video recording mode. When this option is selected, you will enter the video clip folder.

3.8.2 Picture Album

The Multimedia feature is used to manage all built-in pictures, and pictures and videos you have stored in the phone.

You will find “Built-in pictures”, “Animation wallpapers”, “Downloaded pictures”, “Photos”, “Videos clips” and “Pictures by WAP download” folders. Where “Built-in pictures” and “Animation wallpapers” folders are used to store and manage built-in static pictures and animations. The “Downloaded

pictures” and “Pictures by WAP download” folders are used to store and manage downloaded pictures. The “Photos” and “Video clips” folders are used to store and manage pictures and videos taken by the built-in camera. In the Multimedia menu, you will also find the “Delete picture” option, which allows you to clear all the contents of a folder at once. The available options include: “Downloaded pictures”, “Pictures by WAP download” and “Photos”.

In the Multimedia menu screen, you can press the left softkey or middle key to access the classified list. In the pictures list, you can use the Up and Down key select a picture and press “Preview” to view the selected picture. In the pictures preview screen, you can use the , ,  and  navigation keys to go to the previous or next picture. In the Video clip list, you can press the middle key to play the selected video clip and if you press the middle key again, the phone will stop playing.

Depending on the type of files, you can use the “Options” key, which gives you access to the following functions (availability of some options depends on the picture format and size):

Built-in pictures: “Set as FotoCall” option allows you to set the current picture as the FotoCall picture of a

record in the phonebook. If you select “Set as idle screen picture” and “View details” options, the phone will display information about the file format and resolution of the current picture.

Animation wallpaper: “Set as idle screen wallpaper” and “View details”.

Photos: “Set as FotoCall”, “Set as idle screen wallpaper”, “Rename”, “Delete” and “View details”.

Video clips: “Delete”, “Rename” and “View details”.

3.8.3 Capacity Query

This menu allows you to check the memory usage.

3.9 STK Service

Note: The structure and names under this menu are set in the SIM card by the network operator; and different STK providers may provide different services which cannot be changed.

STK (SIM TOOL KIT) allows the smartcard-based SIM to run its own applications.

The STK card can receive and send GSM short message data, acting as the interface between the SIM card and short messages, as well as allowing the SIM card to run its own applications. These functions are

often displayed in the software-enabled phone screen and adopt a user-friendly text menu to replace the mechanical “dial - tune - answer” mode, allowing you to do complex information retrieval operations or transactions with ease by pressing the keys.

STK provides a simple, user-friendly, developable platform for the SIM card value-added services. STK-supported mobile phones provide an additional STK menu, the options of which are read from the STK card by the phone and cannot be changed. Depending on the type of STK, the menu options may be varied and may be changed through your network operator. This phone supports the valued-added service provided by STK but different operators provide different types of service.

- Mobile chat
- Location service
- Information service
- E-business
- Entertainment Services
- Personal Assistant
- E-mail
- Customer Service

4 • Accessories

When it comes to performance, Philips Authentic Accessories are designed to achieve optimal performance of the Philips mobile phone.

4.1 Charger

When the charger is plugged in, the backlight will be activated and the phone will emit an alert tone. The phone automatically enters the battery-charging mode, where the screen displays a scrolling battery charge indicator bar. All vibra alerts will be deactivated when the phone is charging.

When the battery charge indicator bar stops scrolling, it means the battery is fully charged.

When the charger is removed, the backlight will be activated and the phone will emit an alert tone. The phone automatically returns to its normal mode.

You can charge the battery with the phone switched on or off.

4.2 Earpiece

This elegantly-designed earpiece offers you a convenient and simple way to answer calls with excellent sound quality.

4.3 Data Cable

Optional and sold separately

You can use the data cable to connect your phone to a PC, where you can run software on the PC, download MIDI melodies and wallpapers. Your PC can even use your phone as a Modem.

To maximise the performance of your Philips phone and not to void the warranty, always purchase Philips Authentic Accessories that are specially designed for use with your phone. Philips Consumer Electrics cannot be held liable for any damages due to use with non-authorized accessories. Ask for Philips Authentic Accessories where you have purchased your phone.

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 /1800MHz).
- 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.

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



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

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

Users of pacemakers

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

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

Users of hearing aids

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

Performance improvement

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



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

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

Information displayed on battery

Your phone is powered by a rechargeable battery.

- Use specified charger only.
- Do not incinerate.
- Do not deform or open the battery.
- Do not allow metal objects (such as keys in your pocket) to short circuit the battery contacts.

- Avoid exposure to excessive heat (>60°C or 140°F), moisture or caustic environments. You should only use Philips Authentic Accessories, as the use of any other accessories may damage your phone and will make all guarantees for your Philips phone null and void.



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

Do not use your phone while driving



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

Give your full attention to driving. Pull off the road and park before using the phone.

Respect the local regulations in countries where you drive and use your GSM phone.

If you want to use your phone in a vehicle, install the hands-free car kit which is designed for that purpose, still ensuring you give full attention to driving.

Ensure that your phone and car kit do not block any air bags or other security devices fitted in your car.

The use of an alarm system to operate a vehicle's light or horn to indicate incoming phone calls is prohibited

on public roads in some countries. Check local regulations.

EN 60950 Norm

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

Environmental care



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

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



The crossed-out dustbin signifies that the battery should not be disposed of with general household waste.



The mobius loop symbol signifies the labelled packaging material is recyclable.



The green point symbol signifies that a financial contribution has been made to the associated national packaging recovery and recycling system (e.g. EcoEmballage in France).



The chasing arrows symbol on the plastic tray and plastic bag indicate that the materials are recyclable and also identifies the plastic material.

SAR Information to end users

THIS MODEL PHONE MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by the Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by the Council of the European Union is 2.0 W/kg. Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum 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.

Before a phone model is available for sale to the public, compliance with the European RTTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this Philips 659 / CT 6598 model phone when tested for compliance against the standard was 0.640 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

SAR Information to end users

THIS MOBILE PHONE MEETS INTERNATIONAL REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum 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, the lower the power output of the phone.

The highest SAR value for this Philips 659 / CT 6598 model phone when tested for use at the ear is 0.640 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

Declaration of conformity

We,

Philips France - Mobile Telephony
4 rue du Port aux Vins - Les patios
92156 Suresnes Cedex
FRANCE

declare under our sole responsibility that the product

Philips 659
CT6598
Cellular Mobile Radio GSM 900/GSM 1800
TAC: 352771

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

EN 60950, EN 50360 and EN 301 489-07
EN 301 511 v 7.0.1

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: BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ, UK
Identification mark: **0168**

Le Mans, April 28, 2004

Jean-Omer Kifouani
Quality Manager

In case your Philips product is not working correctly or is defective, please return your phone to the place of purchase or to the Philips National Service Center. Refer to the International Guarantee shipped in the box for information on Service centers and technical documentation relevant to your equipment.
