

TOPCOM[®]

BUTLER 2511 DELUXE



USER GUIDE

1.1



Important

To use 'Caller ID' (display caller), this service has to be activated on your phone line. Normally you need a separate subscription from your telephone company to activate this function. If you don't have the Caller ID function on your phone line, the incoming telephone numbers will NOT be shown on the display of your telephone.

This product is in compliance with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC.
The Declaration of conformity can be found on :

<http://www.topcom.net/support/cedclarations.php>

To be connected to the public analogue telephone network.

The CE symbol indicates that the unit complies with the essential requirements of the R&TTE directive.

The features described in this manual are published with reservation to modifications.

1.	DESCRIPTION OF TELEPHONE	5
1.2	DISPLAY	6
1.3	HANDSET INDICATOR (LED)	6
2.	TELEPHONE INSTALLATION	7
2.1	CONNECTIONS	7
2.2	RECHARGABLE BATTERIES	7
3.	USING THE TELEPHONE	8
3.1	HANDSET ON/OFF	8
3.2	RECEIVING A CALL	8
3.3	MAKING AN EXTERNAL CALL	8
3.4	MAKING AN INTERNAL CALL	8
3.5	HANDS FREE MODE	8
3.6	INTERNAL CALL TRANSFER	9
3.7	CONFERENCE CALL	9
3.8	DISPLAY OF CALL DURATION	9
3.9	MICROFOON MUTE	9
3.10	PAUSE KEY	9
3.11	CALLER IDENTIFICATION	9
3.12	REDIAL MEMORY	10
3.13	CALLING FROM THE PHONEBOOK	11
3.14	USING THE ALPHANUMERICAL KEYPAD	11
3.15	USING THE MENU	12
3.16	KEYPAD LOCK	12
4.	PERSONALISATION	12
4.1	ADJUSTING SPEAKER VOLUME	12
4.2	ADJUSTING THE RING VOLUME	12
4.3	CHOOSING THE RING MELODY	13
4.4	ACTIVATION / DEACTIVATION OF BEEPS	14
4.5	HANDSET NAME	14
4.6	CHOOSING MENU LANGUAGE	14
4.7	CHANGING THE PIN CODE	15
4.8	SETTING THE DIALLING MODE	15
4.9	FLASH TIME DURATION	15
4.10	AUTOMATIC ANSWER	15
4.11	RESET	16
5.	ADVANCED FUNCTIONS	16
5.1	PHONEBOOK	16
5.2	SEARCHING A HANDSET FROM THE BASE	17
5.3	CHOOSING PRIORITY RINGING	17
5.4	USING YOUR TELEPHONE WITH A PABX	18

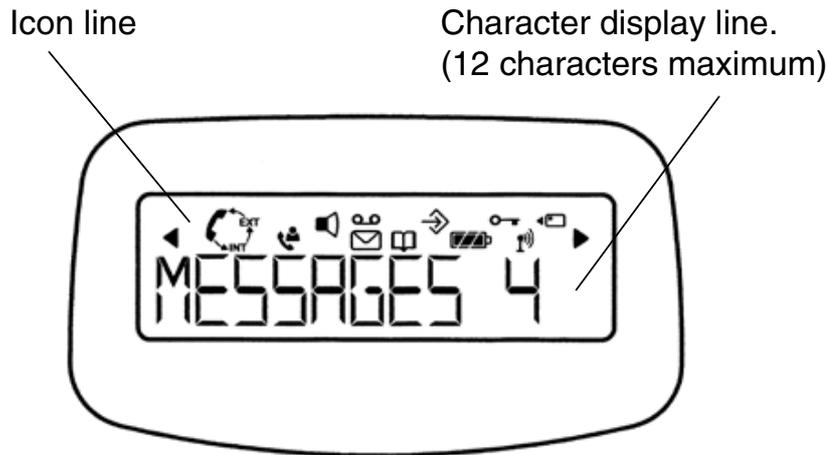
6.	MANAGING MULTIPLE HANDSETS	19
6.1	SETTING UP AN ADDITIONAL HANDSET	19
6.2	REMOVING A HANDSET	20
6.3	SETTING UP A HANDSET ON ANOTHER BASE	20
6.4	SUBSCRIBING A TOPCOM BUTLER 300 DECT GAP HEADSET	20
6.5	SELECTING A BASE	21
7.	TROUBLE SHOOTING	21
8.	GUARANTEE	22
8.1	WARRANTY PERIOD	22
8.2	WARRANTY HANDLING	22
8.3	WARRANTY EXCLUSIONS	22
9.	TECHNICAL CHARACTERISTICS	23

1. DESCRIPTION OF TELEPHONE

1.1 HANDSET AND BASE



1.2 DISPLAY



Each operation has an associated icon

Icon:	Meaning:
	You are online
EXT	You are in external communication
INT	You are in internal communication
	You are in 3 way conversation
	New numbers in call list
	Hands free mode activated
	You are opening your address book.
	You are in the menu.
	rechargeable battery level indicator 1 segment: weak, 2 segments: medium, 3 segments: full. The segments scroll during battery recharging
	The antenna indicates the quality of reception. The antenna flashes when the handset is not registered on the base.
	The keypad is locked
◀ or ▶	Indicates that the displayed number is longer than the screen (12 digits)
▲ or ▼	Possible scroll direction in the menu

1.2.1 Standby display

In standby mode, the display shows the handset name and the handset number:

B2511 Deluxe HS1

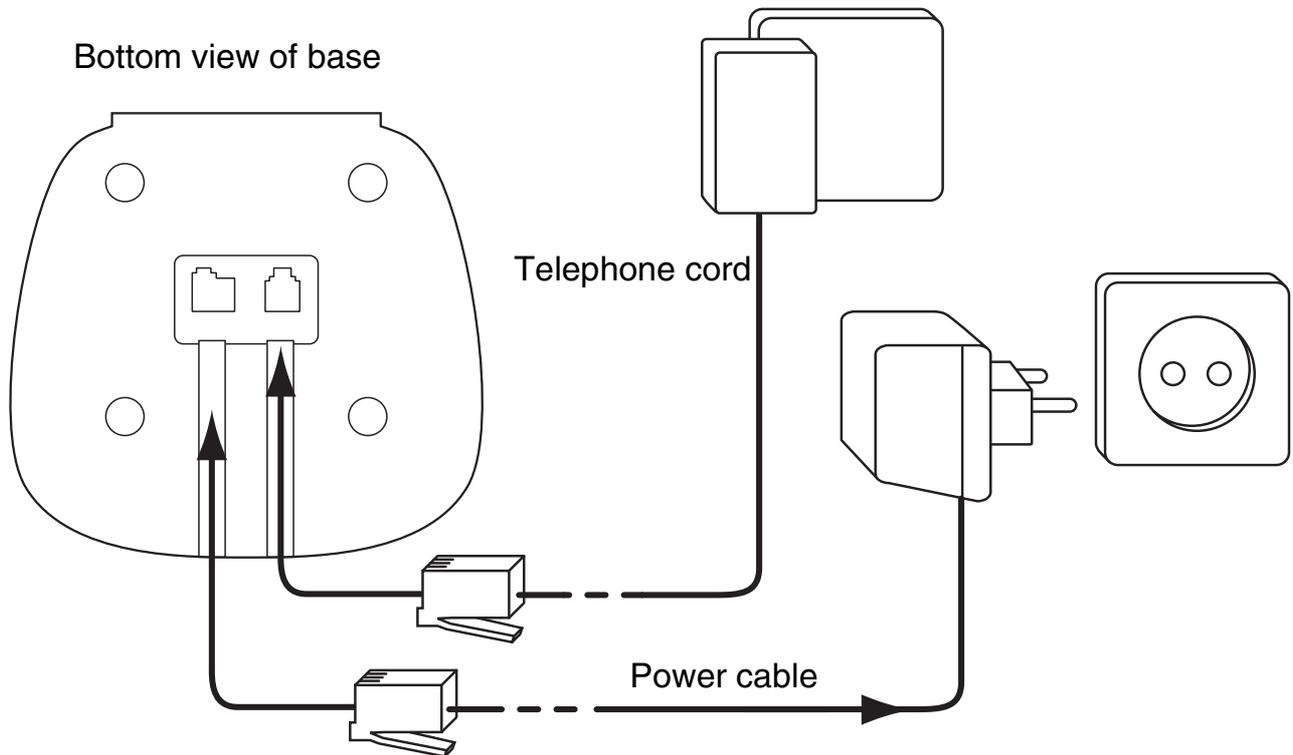
1.3. HANDSET INDICATOR (LED)

The handset LED has following function:

- ON when the external line is busy
- OFF when all handset are in stanby mode
- Flashes on all handset when there is an incoming call

2. TELEPHONE INSTALLATION

2.1 CONNECTIONS

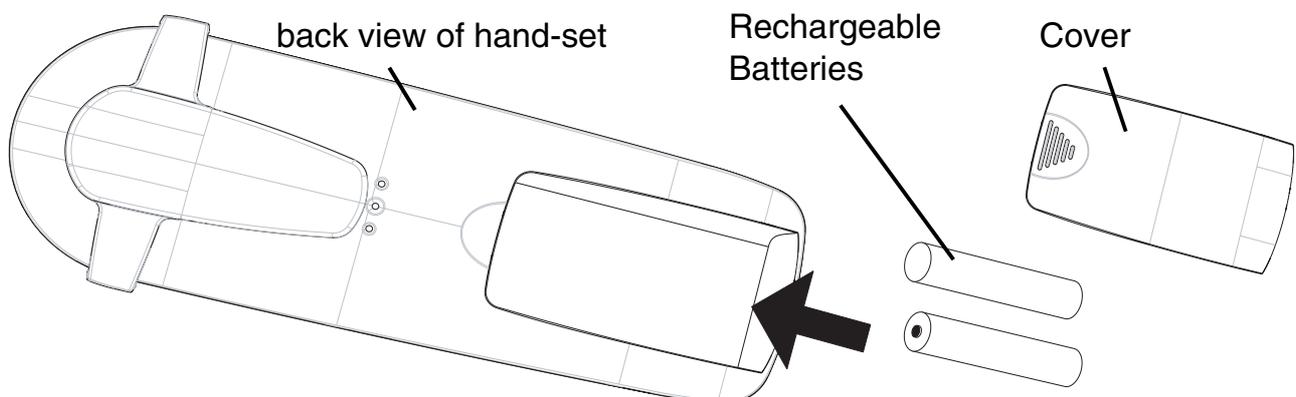


2.2. RECHARGABLE BATTERIES

Before you use your Butler 2511 Deluxe for the first time, you must first make sure that the batteries are charged for 6-8 hours. The telephone will not work optimally if not properly charged.

To change or insert a rechargeable battery:

1. Slide the cover towards the bottom and then lift it up.
2. Insert the batteries **respecting the (+ and -) polarity**.
3. Replace the battery cover



Note: The maximum working time of the batteries is approx. 250h and the maximum talk time is 15hours! In the course of time the batteries will start to drain faster. The batteries must be replaced. You can buy new batteries from any DIY outlet (2 rechargeable batteries, type AAA NiMH)!

3. USING THE TELEPHONE

3.1 HANDSET ON/OFF

- Turn ON handset: Press  for 2s. The handset will search the base.
- Turn OFF handset: Press  for 2s. The display will go OFF.

3.2 RECEIVING A CALL

When the handset rings, press  to answer. You are then connected to your correspondent. If the hand-set is on the base when the telephone rings, you just need to pick up the handset to answer the call (if the option autoanswer is set ON: See 4.10. Automatic answer).

If you press  when the telephone rings, you pick-up the line and automatically change to handsfree mode.

3.3 MAKING AN EXTERNAL CALL

Normal numeration:

1. Press 
2. Enter telephone number

Block dialling:

1. Dial your correspondents number
2. Press 

To correct a number use the  key to delete an entered digit

3.4. MAKING AN INTERNAL CALL

Only possible when more then one handsets are registered to the base!!

Normal numeration:

1. Press INT
2. Enter the number of the internal handset (1 to 5)

Prenumeration:

1. Enter the number of the internal handset (1 to 5)
2. Press INT

3.5 HANDS FREE MODE

You can converse with your correspondent without picking up the handset.

To activate or deactivate the hands free mode, press the  key during a call.

To adjust the volume, refer to the chapter “ Personalisation “- adjusting speaker volume.

3.6 INTERNAL CALL TRANSFER

Only possible when more than one handset are registered to the base!!

When you want to transfer an external call to another handset:

1. During a conversation press INT
2. Select the number of the internal handset, the external caller is put on hold.
3. When the other handset picks up, press  to hang up and transfer the call.

If the internal correspondent does not pick-up, press INT again to reconnect to the external caller on line.

3.7. CONFERENCE CALL

Only possible when more than one handset are registered to the base!!

You can converse simultaneously with an internal correspondent and an external correspondent.

When you are on line with an external correspondent:

1. Press INT
2. Enter the number of the internal handset that you want to call
3. When the internal correspondent picks- up, press and hold 
4. If the internal correspondent does not answer, press INT again to reconnect to the external correspondent on-line.

3.8 DISPLAY OF CALL DURATION

The call duration is displayed after 15 seconds, in minutes - seconds,: "00-20"

At the end of each call, the total call duration is displayed for 5 seconds.

3.9 MICROFOON MUTE

It is possible to mute the microphone during a conversation.

Press  during the conversation, the microphone is then deactivated, you can talk freely without being heard by the calling party.

"MUTE" is displayed. Press  again to return to normal mode.

3.10 PAUSE KEY

When dialling a number you can add a pause between two digits by pressing the redail/pause  key for 2s.

3.11 CALLER IDENTIFICATION

Caller identification is only available if you have subscribed to this service with your telephone operator.

When you receive an external call, the callers number will appear on the display as the telephone rings.

If the network sends it, or if the name of the caller is in the address book, the caller is identified by his or her name.

The caller identity is replaced by the call duration after 15 seconds in communication. It is still possible to display the caller's identity after this time by pressing OK-key repeatedly for the name and number.

3.11.1 List of calls

Your telephone keeps a list in memory of the last 20 calls received. This function is only available if you are subscribed to the caller ID information. The correspondents that have called are identified by their telephone number or name in the same way as in caller identification.

The presence of new / unanswered calls is indicated by the flashing -icon on the display. To consult the list of calls:

1. Press . If there are no calls in the list 'EMPTY' will appear.
2. Scroll through the calls using the up  or down  arrows. The callers names will be shown if the name is send by the network or is stored in the phonebook. If you are at the end of the list you will hear a beep tone.
3. If you press OK, the telephone number will be shown. Note: if the telephone number is longer then 12 digits, press OK again to see the complete number.
4. Press OK again to see the time and date when the call is received**
5. Pressing OK again will give you the option to delete or add this entry in the phonebook if it's not already stored:
 - Select 'ADD' and press OK. Enter or modify the name and press OK. The entry will be stored in the phonebook and deleted from the call list!
 - Select 'DELETE' and press OK to delete this entry, or to return to the previous menu.
6. To call back a correspondent, simply press the key  when their telephone number or name are displayed.

If a caller is in the phonebook, they are identified by their name in the list of calls.

**** ONLY WHEN THE NETWORK SEND THE TIME/DATE TOGETHER WITH THE TELEPHONE NUMBER!!! On networks with caller ID in DTMF, no time and date will be displayed.**

3.11.2 Delete all entries in the call list

You can delete all entries in the call list:

- Enter the call list by pressing the -Key
- Press  and 'DEL ALL' appears.
- Press OK to delete all entry, or  to cancel the delete operation.

3.12 REDIAL MEMORY

Your telephone keeps a list of the 5 last calls (of 20 digits) you have made in memory; The correspondents called are identified by their telephone number or by their name if they appear in the phonebook.

To consult the redial list:

1. Press 
2. Scroll through the calls with the up  and down  arrows.
3. To call by the selected correspondent, simply press  when their telephone number or name is displayed.

Note: When name is displayed, you can toggle between name and number by pressing the OK key!

3.13 CALLING FROM THE PHONEBOOK

To call a correspondent whose name you have saved in the phonebook:

1. Press  to enter the phonebook
2. Press the first letter of the name. The first name that starts with this letter or the nearest letter in the alphabet will be displayed.
3. Go through the list of names with the up  and down  keys. The list scrolls in an alphabetical order.
4. Press  to dial the number of the correspondent whose name is displayed.

To see the number before dialling, carry out steps 1 to 3 from before and press Ok. The number then appears and you can modify it using the  button before dialling it.

3.14 USING THE ALPHANUMERICAL KEYPAD

With your telephone you can also enter alphanumeric characters. This is useful for entering a name into the phonebook, giving a name to a hand-set, ...

To select a letter, press the corresponding key as many times as is necessary. For example to select an 'A', press '2' once, to select a 'B', press '2' twice and so on. To select 'A' and then B consecutively, select 'A', wait until the cursor moves on to the next character, then press '2' twice.

To select a space, press 1.

To select a dash, press '1' twice

The keypad characters are as follows:

Key	First press	Second press	Third press	Fourth press	Fifth press
1	space	-	1		
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9

3.15 USING THE MENU

A wide range of telephone functions are accessible through a user friendly menu.

1. To enter the menu, press ↵/OK
2. Scroll through the selections using the up ▲ and down ▼ keys, the selections scroll in a loop (you return to the first after the last). The arrows on the right of the display indicate that there are other possible selections to scroll through
3. To validate a selection, press OK
4. To return to the previous menu, press ⌂/C

3.16 KEYPAD LOCK

You can lock the keypad by pressing ↵/OK + '*'. To unlock, press '89*'.

4. PERSONALISATION

4.1 ADJUSTING SPEAKER VOLUME

There are two ways to set the speaker volume:

4.1.1 Speaker volume during call

During conversation, press the up ▲ or down ▼ key to change the volume accordingly.

4.1.2 Set the default speaker volume

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select EAR VOL using the up ▲ and down ▼ keys
5. Press OK
6. Select the desired volume (1 to 5) by means of the up ▲ and down ▼ key.
7. Press OK

A double bleep confirms the validation of your choice

Note: The handsfree volume is also adjust together with the receiver in the handset as above described

4.2 ADJUSTING THE RING VOLUME

4.2.1 Handset ring

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select RING VOL using the up ▲ and down ▼ keys
5. Press OK
6. Select the desired volume (OFF or 1 to 5)
7. Press OK to confirm or ⌂/C to return to the previous menu.

Note: Every programming is confirmed at the end by a double or single long beep. A double beep confirms the validation of your choice

A long beep signifies that the modification has not been taken into account.

4.2.2 Base ring

1. Enter the menu by pressing ↵/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select BASE VOL using the up ▲ and down ▼ keys
5. Press OK
6. Select the desired volume (OFF or 1 to 5)
7. Press OK to confirm or Ⓜ/C to return to the previous menu.

4.3 CHOOSING THE RING MELODY

The base and each hand set can ring with a different melody.

The handsets can ring with a different melody according to whether the incoming call is internal or external.

4.3.1 Base melody

1. Enter the menu by pressing ↵/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select BASE MEL using the up ▲ and down ▼ keys
5. Press OK
6. Select the melody of your choice (1 to 5) using the up ▲ and down ▼ keys
7. Press OK to confirm or Ⓜ/C to return to the previous menu.

4.3.2 Handset melody, external call

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select EXT MEL using the up ▲ and down ▼ keys
5. Press OK
6. Select the melody of your choice (1 to 5) using the up ▲ and down ▼ keys
7. Press OK to confirm or Ⓜ/C to return to the previous menu.

4.3.3 Handset melody, internal call

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select INT MEL using the up ▲ and down ▼ keys
5. Press OK
6. Select the melody of your choice (1 to 5) using the up ▲ and down ▼ keys
7. Press OK to confirm or Ⓜ/C to return to the previous menu.

4.4 ACTIVATION / DEACTIVATION OF BEEPS

The handsets can emit beeptone when a key is pressed, when the batteries are low and when the handset is out of range.

4.4.1 Key pressed beeptone on/off

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select BEEP using the up ▲ and down ▼ keys
5. Press OK
6. Select KEYTONE using the up ▲ and down ▼ keys
7. Press OK
8. Select ON to activate, OFF to deactivate
9. Press OK to confirm.

4.4.2 Low battery

Proceed as before, but select at point 6 "LOW BATT" instead of "KEYTONE".

4.4.3 Handset out of range

Proceed as before, but select at point 6 "OUTRANGE" instead of "KEYTONE".

4.5 HANDSET NAME

This function allows you to personalise each handset.

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select NAME using the up ▲ and down ▼ keys
5. Press OK
6. Enter the name
7. Press OK to validate

While entering the name, press **⌫** to delete a character and press and hold **⏏** to exit the menu without taking any modifications into account.

4.6 CHOOSING MENU LANGUAGE

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys
3. Press OK
4. Select LANGUAGE using the up ▲ and down ▼ keys
5. Press OK
6. Select the language of choice by means of the up ▲ and down ▼ keys.
7. Press OK to validate

4.7 CHANGING THE PIN CODE

Certain functions are only available to users who know the PIN code. By default this is PIN code = 0000.

To change the PIN code:

1. Enter the menu by pressing ↵/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select pin code using the up ▲ and down ▼ keys
5. Press OK
6. Enter the old 4 figure PIN code.
7. Press OK
8. Enter the new 4 figure PIN code
9. Press OK
10. Enter the new PIN code a second time
11. Press OK to validate

4.8 SETTING THE DIALLING MODE

There are two types of dialling mode:

- DTMF/Tone dialling (the most common)
- Pulse dialling (for older installations)

To change the dialling mode:

1. Enter the menu by pressing ↵/OK
2. Select setup using the up ▲ and down ▼ keys
3. Press OK
4. Select DIALMODE using the up ▲ and down ▼ keys
5. Press OK
6. Select the dialling mode using the up ▲ and down ▼ keys
7. Press OK to validate

4.9. FLASH TIME DURATION

1. Enter the menu by pressing ↵/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select RECALL using the up ▲ and down ▼ keys
5. Choose RECALL 1 for short flash time (100ms) or RECALL 2 for long flash time (250ms)

4.10. AUTOMATIC ANSWER

When there is a incoming call and the handset in on the base, the phone automatically takes the line when lifted. This is the default setting, but can be set OFF:

1. Enter the menu by pressing ↵/OK
2. Select HANDSET using the up ▲ and down ▼ keys

3. Press OK
4. Select Auto ans using the up ▲ and down ▼ keys
5. Select ON (for automatic answer) or OFF
6. Press OK

4.11 RESET

It is possible to return the phone to the original default configuration. This is the configuration which was installed when you first received the telephone.

To return to default settings:

1. Enter the menu by pressing ⇨/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select DEFAULT using the up ▲ and down ▼ keys
5. Press OK
6. Enter the 4 digit PIN code (default =0000)
7. Press OK to validate

WARNING! Returning to default settings will delete all entries in the phonebook and call log. The PIN code will also be reset to 0000.

5. ADVANCED FUNCTIONS

5.1 PHONEBOOK

The Phonebook allows you to memorise 50 telephone numbers and names. You can enter names of up to 8 characters length and numbers of up to 20 digits length.

To call a correspondent whose number is stored in the phonebook, refer to the section 3.13

To enter alphanumerical characters, refer to the section 3.14.

5.1.1 Add an entry into the phonebook

1. Enter the menu by pressing ⇨/OK
2. Select PHONEBK using the up ▲ and down ▼ keys
3. Press OK
4. Select Add using the up ▲ and down ▼ keys
5. Press OK
6. Enter the name
7. Press OK to validate.
8. Enter the telephone number
9. Press OK to validate

5.1.2 Modify a name or number

To modify a number in the phonebook:

1. Enter the menu by pressing \Rightarrow /OK
2. Select PHONEBK using the up \blacktriangle and down \blacktriangledown keys
3. Press OK
4. Select MODIFY using the up \blacktriangle and down \blacktriangledown keys
5. Press OK
6. Move through the list of names with the up \blacktriangle and down \blacktriangledown keys. The list scrolls in alphabetical order.
7. Press OK when you find the name to modify
8. Use the \Leftarrow key to go back and enter the new name
9. Press OK to validate
10. Enter the new telephone number
11. Press OK to validate

Warning, if you enter the Phonebook first with the \square key and modify a telephone number with the \otimes/c key, the modification will be taken into account only for this call and will not be stored in the phonebook!

5.1.3 Deleting an entry

To delete an entry:

1. Enter the menu by pressing \Rightarrow /OK
2. Select PHONEBK using the up \blacktriangle and down \blacktriangledown keys
3. Press OK
4. Select DELETE using the up \blacktriangle and down \blacktriangledown keys
5. Press OK
6. Move through the list of names using the up \blacktriangle and down \blacktriangledown keys the list scrolls in alphabetical order.
7. Press OK when you find the name you wish to delete
8. The phone number is displayed, press OK
9. CONFIRM appears, press OK to confirm or \otimes/c to stop.

5.2 SEARCHING A HANDSET FROM THE BASE

When the paging button \Rightarrow on the base is pressed all the handsets will ring. This ringing will help you locate a lost handset. By simply pressing one of the handset keys the ringing stops.

5.3 CHOOSING PRIORITY RINGING

This function allows you to make the base or one of the handsets ring before the others when there is an external call.

The priority unit will ring a number of times, then the others units will start to ring in turn. To use this function, you must choose the priority unit, this can be the base or one of the handsets. You can set the number of rings before the other units start ringing.

Setting the priority unit

1. Enter the menu by pressing ↵/OK
2. Select SETUP using the up ▲ and down ▼ keys
3. Press OK
4. Select priority using the up ▲ and down ▼ keys
5. Press OK
6. Select "SELECT" using the up ▲ and down ▼ keys
7. Press OK
8. Select "BASE" or "HANDSET X" using the up ▲ and down ▼ keys
9. Press OK to validate
10. Choose the number of rings using the up ▲ and down ▼ keys
11. Press OK to validate

Activate / Deactivate the priority ring

1. Enter the menu by pressing ↵/OK
2. Select Setup using the up ▲ and down ▼ keys
3. Press OK
4. Select priority using the up ▲ and down ▼ keys
5. Press OK
6. Select "ON" or "OFF" using the up ▲ and down ▼ keys
7. Press OK to validate

5.4 USING YOUR TELEPHONE WITH A PABX

It is possible to use your telephone with a PABX or a local telephone network.

Use of your telephone with a recent system does not require any special adjustment. With certain older systems, it is necessary to insert a pause between dialling a prefix and dialling the rest of the number. Your telephone can insert this pause automatically during the numeration.

In order to do this you must enter the prefix and the pause length.

It is possible to choose 2 prefixes for 2 different PABX.

To remove the pause, delete the prefix in memory in the same way as you entered it.

Setting the prefix

1. Enter the menu by pressing ↵/OK
2. Select Setup using the up ▲ and down ▼ keys
3. Press OK
4. Select PABX using the up ▲ and down ▼ keys
5. Press OK
6. Select PBX1 or PBX2 using the up ▲ and down ▼ keys
7. Press OK
8. Enter the PIN code (default = 0000)
9. Press OK to validate
10. Enter the PABX prefix
11. Press OK to validate

Setting the pause duration

1. Enter the menu by pressing \Rightarrow /OK
2. Select Setup using the up \blacktriangle and down \blacktriangledown keys
3. Press OK
4. Select PABX using the up \blacktriangle and down \blacktriangledown keys
5. Press OK
6. Select PAUSE using the up \blacktriangle and down \blacktriangledown keys
7. Press OK
8. Select the PAUSE time using the up \blacktriangle and down \blacktriangledown keys
9. Press OK to validate

6. MANAGING MULTIPLE HANDSETS**6.1. SETTING UP AN ADDITIONAL HANDSET**

You can subscribe new handsets on the base if these handsets support the DECT GAP protocol.

The base can support a maximum of 5 handsets. If you already have 5 handsets, and you wish to add another one or change one handset, you must first delete a handset, then associate the new handset.

To register any handset, the base must be put into a special registration mode:

1. Press and hold the paging key \Rightarrow of the base for 6 seconds.
2. The base will then emit a beep tone. The base is now ready to register a new handset. You have 90 seconds after pressing the button to register a new handset.

After putting the base into registration mode, start the procedure on the new handset:

if your additional handset is a Butler 2511C Deluxe

3. Enter the menu by pressing \Rightarrow /OK
4. Select Register using the up \blacktriangle and down \blacktriangledown keys
5. Press OK
6. Enter a base number (from 1 to 4). The flashing numbers are already in use.
7. Enter the Base PIN code (0000 by default)
8. Press OK. The handset will start searching for the DECT base
9. If the handset has located the base, it will display the base identification number, validate the base registration by pressing OK or stop by pressing \Rightarrow /C ,
10. If the handset does not locate the base, it will return to the standby mode after a few seconds.
Try again by changing the base number and check that you are not in a environment where there is interference. Move closer to the base.

if your handset is another model

After starting the registration procedure on the base, refer to the handset manual to find out how to register the handset. The handset must be GAP compatible.

The icon  and the text "NOT REG" flashes on the display when the handset is not associated with the base.

When a handset is associated with a base, it is attributed a handset number by the base. It is this number that is displayed on the handset after the name and must be used for internal calls.

6.2 REMOVING A HANDSET

You can remove a handset with a base to allow another handset to be registered

1. Enter the menu by pressing /OK
2. Select setup using the up  and down  keys
3. Press OK
4. Select del hs using the up  and down  keys
5. Press OK
6. Enter the 4 digit base PIN code
7. Press OK
8. Select the handset to be removed
9. Press OK to validate

6.3 SETTING UP A HANDSET ON ANOTHER BASE

If you want to use a Butler 2511 Deluxe handset with a base of another model. The base must be GAP compatible.

1. To put the base in registration mode, refer to the base user manual.
2. Carry out operations 3 to 9 from the paragraph 6.1.

6.4 SUBSCRIBING A TOPCOM BUTLER 300 DECT GAP HEADSET

Make sure that the base pin-code is set to '0000'! See 4.7 for changing the base pin-code. Press and hold the paging key  of the base for 6 seconds.

The base will then emit a beep tone. During this minute, the base unit is in subscribing mode and you must do the following to subscribe the headset:

- Turn ON the headset by pressing the ON/OFF button until you hear two beep tones. At the same time the red and green LED will lit ones.
- Remove the rubber cover of the power socket so that the hole of the power socket is free. Pull out the rubber cover from the headset so that the registration key hole is free also.
- Press the headset registration key. The red LED will flash rapidly.
 - If after a few seconds the green LED flashes slowly, the registration is successful.
 - If the red LED flashes slowly, the registration is failed. Repeat above procedure and make sure that the base pin-code is set to '0000'!

6.5 SELECTING A BASE

The handsets can be registered up to 4 bases simultaneously.

To select a base:

1. Enter the menu by pressing \Rightarrow /OK
2. Select setup using the up \blacktriangle and down \blacktriangledown keys
3. Press OK
4. Select SEL BASE using the up \blacktriangle and down \blacktriangledown keys
5. Press OK
6. Select a base or select AUTO using the up \blacktriangle and down \blacktriangledown keys
7. Press OK

When selecting the base, the current selected base is indicated by a 'o' sign after the base number. If you select 'Auto' the handset will automatically search for another base when you are out of range!

7. TROUBLE SHOOTING

Symptom	Possible cause	Solution
No display	Batteries uncharged	Check the position of the batteries
		Recharge the batteries
	Handset turned OFF	Turn ON the handset
No tone	Telephone cord badly connected	Check the telephone cord connection
	The line is occupied by another handset	Wait until the other handset hangs up
The icon  flashes	Handset out of range	Bring the handset closer to the base
	The base has no power supply	Check the mains connection to the base
	The handset is not registered on the base	Register the handset on the base
Base or handset do not ring	The ringing volume is zero or low	Adjust the ringing volume
Tone is good, but there is no communication	The dialling mode is wrong	Adjust the dialling mode (pulse/tone)
Not possible to transfer a call on PABX	The FLASH time is too short	Set the unit to Long Flash time
Telephone does not react to pressing the keys	Manipulation error	Remove the batteries and put them back in place

8. GUARANTEE

8.1. WARRANTY PERIOD

The Topcom units have a 24-month warranty period. The warranty period starts on the day the new unit is purchased. The warranty on batteries is limited to 6 months after purchase. Consumables or defects causing a negligible effect on operation or value of the equipment are not covered.

The warranty has to be proven by presentation of the original purchase receipt, on which the date of purchase and the unit-model are indicated.

8.2. WARRANTY HANDLING

A faulty unit needs to be returned to a Topcom service centre including a valid purchase note. If the unit develops a fault during the warranty period, Topcom or its officially appointed service centre will repair any defects caused by material or manufacturing faults free of charge.

Topcom will at its discretion fulfil its warranty obligations by either repairing or exchanging the faulty units or parts of the faulty units. In case of replacement, colour and model can be different from the original purchased unit.

The initial purchase date shall determine the start of the warranty period. The warranty period is not extended if the unit is exchanged or repaired by Topcom or its appointed service centres.

8.3. WARRANTY EXCLUSIONS

Damage or defects caused by incorrect treatment or operation and damage resulting from use of non-original parts or accessories not recommended by Topcom are not covered by the warranty.

Topcom cordless phones are designed to work with rechargeable batteries only. The damage caused by the use of non-rechargeable batteries is not covered under warranty.

The warranty does not cover damage caused by outside factors, such as lightning, water and fire, nor any damage caused during transportation.

No warranty can be claimed if the serial number on the units has been changed, removed or rendered illegible.

Any warranty claims will be invalid if the unit has been repaired, altered or modified by the buyer or by unqualified, non-officially appointed Topcom service centres.

9. TECHNICAL CHARACTERISTICS

- Standard: DECT (Digital Enhanced Cordless Telecommunications)
GAP (Generic Access Profile)
- Frequency range: 1880 MHz to 1900 MHz
- Number of channels: 120 duplex channels
- Modulation: GFSK
- Speech coding: 32 kbit/s
- Emission power: 10 mW (average power per channel)
- Range: 300 m in open space /50 m maximum inhouse
- Base power supply: 220 V / 50 Hz for the base
- Handset Batteries: 2 rechargeable batteries AAA, NiMh 550mAh
- Handset autonomy: 250 hours in standby
- Talk time: 15 hours
- Charging time: 6-8 hours
- Normal conditions of use: +5 °C to +45 °C
- Dialling mode: Pulse / Tone
- Flash time: 100 or 250 ms

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