

The BeoCom 2500 is an advanced telephone with a modern and user-friendly design.

The operation and the settings of the telephone are done by menu driven operations.

The BeoCom 2500 has built-in **Caller ID*** capability which allows you to see who is calling. The last 24 calls to the telephone are stored in the Caller ID list. The numbers can be shown in the display together with date and time of each call. The BeoCom 2500 also supports the Call Waiting service.

In the electronic Phone Book you can store up to 121 telephone numbers with names attached. It is easy to enter numbers and names into the Phone Book as the telephone display automatically asks whether you want to store the number after a call.

An optional module for remote volume control of Bang & Olufsen audio and video systems can be added to the BeoCom 2500.

*Caller ID subscription is a prerequisite to this function

INSTALLATION ↓


INSTALLATION

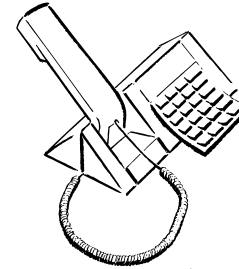
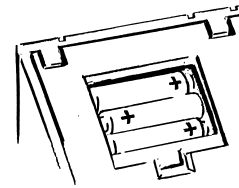
- Insert the three supplied batteries in the battery holder on the bottom of the table base.
- Connect the telephone plug to the wall socket.

BATTERIES


The batteries are used for the advanced features of the telephone while the built-in Phone Book and the settings stored are independent of power supply from the batteries and the telephone network. Unplug the telephone wall cord before opening the battery cover.

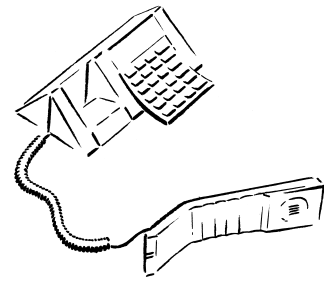
THE HANDSET

The telephone is provided with a magnetic switch which disconnects the call when the handset is placed in the table base as indicated on the drawing. Press the  button to begin a new call.



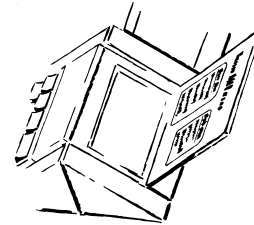
HANDSFREE

Under normal conditions the telephone can be used handsfree.
Place the handset in front of the table base and press  .







MENU OVERVIEW

A menu overview is under the lid at the rear of the table base.



DISPLAY SYMBOLS

- P** • Programming (storing or editing a name and number in the Phone Book).
- S** • Searching in the Phone Book.
-  • Is on when the loudspeaker is connected.
-  • Flashes when the microphone is muted.
-  • Is on during an incoming call.
 - Flashes when the ringing signal is disconnected.
-  • Flashes when the batteries are low.

Please note! The display turns off automatically when the telephone has not been used for 30 seconds.

DISPLAY

KEYPAD ↓

KEYPAD FUNCTIONS

Clear

- Press **Clear** to delete the latest entry.
- The display shows why the indicator lamp is flashing.
- Cancel the function in progress.
- Starts editing function for numbers in the Redial and Caller ID lists.

< >

- Shift between menu functions.
- Search the Phone Book.
- Search the Redial list and the Caller ID list.
- Move the cursor when editing name and number in the Phone Book.
- Set the volume during a conversation.

Menu

- Activate the menu operations and settings.

Enter

- Select the displayed menu setting and menu function.
- Store number and name.

Caller ID

- Show the contents of the Caller ID list.

Memory

- Search the Phone Book.

Redial

- Search the Redial list.
- Call the displayed number.
- Release pause when performing a call.

⓪

- Connect and disconnect the microphone (handset off-hook).

Pause

- Insert pause in a telephone number (between the first and the second part of the telephone number).
- Insert space when editing name and number in the Phone Book.

0 ... 9, *, #

- Dial a phone number.
- Enter a name. Letters are selected by pressing the appropriate key one, two, three or four times.

🔊

- Connect and disconnect the loudspeaker.

↶

- Begin a new call when handset is off-hook.
- Disconnect current function and erases the display.

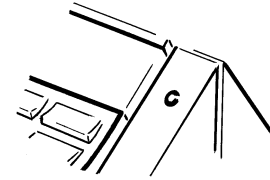
R

- May be used e.g. when connected to a switchboard and together with supplementary services.

THE INDICATOR LAMP

The indicator lamp on the front of the telephone flashes when one or more functions is activated:

- Slow flashes when there are new numbers in the Caller ID list.
- Fast flashes when a parallel telephone is in use.



By pressing **Clear** one or more times the display will show which of the functions is activated:

TO SEE WHY THE INDICATOR LAMP IS FLASHING

Handset must be on-hook
Press **Clear** one, two or three times

Display reading when there are new numbers in the Caller ID list:

CALLER ID

Please note!

- The indicator lamp will not flash when the call has been answered by a telephone answering machine.
- Connection to fax machines and some switchboards may cause the indicator lamp to flash constantly.

Display reading when a telephone on the same line is being used:

LINE BUSY

INDICATOR LAMP

MENU SURVEY ↓

MENU SURVEY

MAIN MENU

MENU	HOLD
MENU	HOLD & CHANGE
MENU	REJECT
MENU	END & CHANGE
MENU	3 PARTY CALL
MENU 1	STORE ENTRY
MENU 2	EDIT ENTRY
MENU 3	DELETE ENTRY
MENU 4	DELETE REDIAL
MENU 5	DELETE CALL ID
MENU 6	RINGER LEVEL
MENU 7	RINGER MELODY
MENU ✕	SETUP MENU

FUNCTION

Setting a call on hold ¹⁾
Hold your talking party and connect to the waiting party ^{2) 3)}
Reject the waiting party and continue your talking party ²⁾
Drop your talking party and connect to the waiting party ^{2) 3)}
Join the held party to the existing connection ³⁾
Store a new name/number
Edit a stored name/number
Delete a stored name/number
Delete the telephone numbers in Redial
Delete the telephone numbers in the Caller ID list
Set the tone ringer level
Set the tone ringer melody
Special settings

1) Only active when the telephone is on-line and when there is no call on hold.

2) Only active when the telephone is on-line and when there is a call waiting (only these menus are available).

3) Only active when the telephone is on-line and when a call is on hold (only these menus are available).

SETUP MENU

PRESET VOLUME
OPERATOR CODE
CONTRAST
SWITCHBOARD
FLASH TIME
DELETE & RESET

FUNCTION

Preset the volume
Store an operator code
Adjust the display contrast
Store the public line prefix
Set the flash time
Delete all settings to presettings

MAKE A CALL

Calls can be made to:


- Manually dialled phone numbers.
- Phone numbers in the Phone Book.
- Phone numbers from Redial.
- Phone numbers from Caller ID.

VOLUME

During a call you can increase or decrease the volume of the loudspeaker.

If you want to start all calls at the same volume please refer to Setup menu, Preset volume.

TO DIAL A DISPLAYED PHONE NUMBER

Lift the handset, or press 

Press **Redial** to call the number

TO SET THE VOLUME DURING A CALL

Press **>** to increase the volume

Press **<** to decrease the volume

MICROPHONE

The microphone can be muted temporarily during a call so that you can talk to somebody else in the room without the person on the telephone hearing you.

A beep signal indicates that the microphone is muted.

LOUDSPEAKER

Other people can listen to the conversation with the loudspeaker connected.

MAKING CALLS

TO DISCONNECT THE MICROPHONE

Press   *flashes*

TO CONNECT THE MICROPHONE

Press 

TO CONNECT THE LOUDSPEAKER

Press   *is on*

TO DISCONNECT THE LOUDSPEAKER

Press 

CALL WAITING ↓

CALL WAITING*

BeoCom 2500 supports the Call Waiting service.

When a second party calls, you will hear a beep in the handset. At the same time you will see the phone number (+ name if stored) in the display.

You now have the following options:

- **HOLD & CHANGE**
(hold call A – change to call B)
- **REJECT**
(reject call B – continue call A)
- **END & CHANGE**
(end call A – change to call B)

*Call Waiting and Caller ID subscription is a prerequisite to this function.

TO HANDLE A SECOND CALL

Press **< >** to select the option of your choice

Press **Enter**

PARKED
<name> : <number>

CALL ON HOLD

When you have set a call on hold, you have the following options:

- **HOLD & CHANGE**
(hold call A – change to call B)
- **END & CHANGE**
(end call A – change to call B)
- **3 PARTY CALL**
(make a 3 party call with A and B)

TO HANDLE A CALL ON HOLD

Press **Menu**

```
name  
< HOLD & CHANGE >
```

Press **< >** to select the option of your choice

Press **Enter**

```
PARKED  
<name> : <number>
```

THE TELEPHONE'S MEMORY (PHONE BOOK)

Phone numbers can be stored in the Phone Book immediately after the call is completed when **STORE ENTRY?** is shown in the display. This way the Phone Book can be built up gradually.

The Phone Book can store:

- Manually dialed phone numbers.
- Phone numbers from Redial.
- Phone numbers from Caller ID.

BeoCom 2500 can memorize up to 121 phone numbers and names. Each name can have up to 16 letters or characters and each number can have up to 40 digits.

If your telephone is connected to a switchboard we recommend you to review the Setup menu, Switchboard section before storing numbers in the Phone Book.

TO STORE THE NUMBER AFTER A CALL

Press **Enter**
Enter the name (as shown
below in Entering Names)
Press **Enter**

```
CALL TIME:  
STORE ENTRY?
```

```
ENTER NAME_ P  
<number>
```

```
STORED  
<name>:<number>
```

TO STORE A DISPLAYED PHONE NUMBER

Enter the phone number *or*
retrieve the number in the Redial list or the Caller ID list

Press **Enter**
Enter the name
Press **Enter**

```
ENTER NAME_ P  
<number>
```

```
STORED  
<name>:<number>
```

Entering names:

- Press each key repeatedly to make the letters and digits appear.
- If two letters are on the same key: Wait for 2 seconds or press > after the first letter.
- Enter a space: Press **Pause**.
- Delete a character: Press **Clear**.

Cancel entry: Press and hold **Clear** until the display is off.

When there is no space left in the Phone Book the display shows

*****FULL*****.

An existing entry must be deleted before a new number can be stored.

MEMORY (PHONE BOOK)

SEARCH THE PHONE BOOK ↓

EDIT THE PHONE BOOK ↓

SEARCH THE PHONE BOOK – MAKING A CALL

Entries in the Phone Book are arranged as follows:

- Numbers without names
- Names starting with & - . /
- Names starting with numbers
- Names arranged alphabetically (Ä Ö Ü Æ Ø Å at the end)
- Under each letter the last called name and number is placed first, the second-last called name and number in the 2nd spot etc.

If a number exceeds 16 characters only the first 15 characters are shown. The symbol ➤ is shown last.

TO SEARCH THE PHONE BOOK WITH HANDSET ON-HOOK

Press ➤ to search forward

Press < to search backward

TO SEARCH BY LETTER

Press **Memory**

Press the first letter of the name

Press ➤

Lift the handset, or press 📞

Press **Redial** to call the number

ENTER LETTER_ S

The first name with the entered letter is shown in the display

Search forward until the name and number is shown

EDIT THE PHONE BOOK

You edit an entry in the Phone Book when you:

- add a character.
- write over a character.
- delete a character with **Clear**.
- insert a space with **Pause**.

Exit editing:

Press and hold **Clear** until the display is off.

TO EDIT A NAME AND NUMBER IN THE PHONE BOOK

Locate the desired entry using the “Search the Phone Book” instructions

Press **Menu, 2**

```
MENU 2  
< EDIT ENTRY >
```

Press **Enter**

Move the cursor with **< >** to the place you want to edit

Edit the name and number

Press **Enter**

```
STORED  
<name> : <number> S
```

DELETE THE PHONE BOOK

Exit deleting:
Press **Clear**

TO DELETE A NAME AND NUMBER IN THE PHONE BOOK

Locate the desired entry using the "Search the Phone Book" instructions

Press **Menu, 3**

```
MENU 3  
< DELETE ENTRY >
```

Press **Enter**

```
DELETE ENTRY?  
<name>:<number>
```

Press **Enter**

```
DELETED  
<name>:<number> S
```

The entry is now deleted and the next name and number in the Phone Book is now displayed.

DELETE THE PHONE BOOK

CALLER ID ↓

CALLER ID*

BeoCom 2500 supports Caller ID so that you can see the phone number of the person calling. The number is shown in the display immediately after the phone starts ringing. If the number is already stored in the telephone's Phone Book, also the name is displayed.

Functionality

The last 24 calls are stored in the Caller ID list. The indicator lamp flashes when there have been unanswered calls. The numbers can be shown in the display and, if supported by the telephone company, also date and time of the call.

If there have been several calls from the same number, the display shows the time and date of the most recent call received. At the same time, the number of calls from the number is shown (max. 9).

TO SEARCH THE CALLER ID LIST – MAKE A CALL

Press **Caller ID**

Press **< >** to search the number in the Caller ID list

Lift the handset, or press 

Press **Redial** to call the number



1→BANG & OLUFSEN *
10:55 29-06-99

New Caller ID numbers are marked with a ✕ in the display.

Telephone numbers from the Caller ID list can be stored in the Phone Book. Please see Memory (Phone Book) for storing.

Please note! Caller ID is normally not possible when the telephone is connected to a switchboard.

* Caller ID subscription is a prerequisite to this function.

If Caller ID is not possible, the following information is displayed:

Display reading when the call is from a withheld number, e.g. an unlisted number:

ANONYMOUS

Display reading when no number is transferred due to technical limitations, e.g. international calls

NOT POSSIBLE

TO DELETE NUMBERS IN THE CALLER ID LIST

Press **Menu, 5**

MENU 5
< DELETE CALL ID >

Press **Enter**

DELETE CALL ID?

Press **Enter**

DELETED
CALLER ID

Please note! All numbers in the Caller ID list are deleted.

REDIAL

BeoCom 2500 memorizes the last 24 phone numbers dialled from the telephone.

Numbers in Redial can be stored in the Phone Book. Please see Memory (Phone Book) for storing.

As a safety precaution while using a telephone service the digits pressed after ✕ and # are not stored in Redial.

TO SEARCH THE REDIAL LIST WITH HANDSET ON-HOOK

Press **Redial**

Press **< >**, or **Redial** to search the number in the Redial list

Lift the handset, or press **📞**

Press **Redial** to call the number

TO SEARCH THE REDIAL LIST WITH HANDSET OFF-HOOK

Press **📞** and hold the **📞** key

Press **Redial** to search the number

Release **📞**

Press **Redial** to call the number

TO EDIT AND CALL A REDIAL NUMBER

Press **Redial** one or more times to search the number

Press **Clear**

<number>

Press **< >** to find the digit you want to edit

Edit the number

Lift the handset

Press **Redial** to call the number

TO DELETE NUMBERS IN THE REDIAL LIST

Press **Menu, 4**

MENU 4
< DELETE REDIAL >

Press **Enter**

DELETE REDIAL?

Press **Enter**

DELETED
REDIAL

Please note! All numbers in the Redial list are deleted.

REDIAL

USING THE PAUSE BUTTON ↓

USING THE PAUSE BUTTON

If, when dialling a number, it is necessary to wait for a new dial tone before dialling the 2nd part of the number, a pause must be inserted.

The pause must be included when entering numbers in the Phone Book.

A new dial tone may be needed by telephone services and numbers with an extension.

If two or more pauses are stored, the extension number is transmitted automatically.

Press **Pause** twice and you obtain a one second's pause. Each additional press on **Pause** adds a one second's pause.

TO STORE WITH ONE PAUSE

Press **Menu**

Press **Enter**
Enter the 1st part of the phone number

Press **Pause**
Enter the 2nd part of the phone number

Press **Enter**
Enter the name

Press **Enter**

```
MENU 1
< STORE ENTRY >
FREE ENTRIES:121 P
ENTER NUMBER_
```

```
ENTER NAME_ P
<number>
STORED
<name>:<number>
```

TO DIAL WITH A STORED PAUSE

With a phone number from the Phone Book or Redial displayed

Lift the handset *or* press **⏏**

Press **Redial** (the 1st part of the phone number is transmitted)

Wait for the dial tone

Press **Redial** (the 2nd part of the number is transmitted)

You may need to experiment to get the correct pause length for your service. This delay may also vary from call to call.

Display with one pause:

—


Display with two pauses:

=

RINGING SIGNAL


The ringing signal can be set in four levels:

- LOW
- MEDIUM
- LOUD
- OFF

While setting, the levels are audible when  is pressed in advance.

The ringing signal has eight melodies:

- SLOW 1...4
- FAST 1...4

While setting the tones, pressing  in advance enables you to hear the tones.

TO SET THE RINGING SIGNAL LEVEL

Press **Menu, 6**

```
MENU 6
< RINGER LEVEL >
```

Press **Enter**

```
RINGER LEVEL
< LOUD >
```

Press **< >** to select the setting of your choice

Press **Enter**

```
STORED
MEDIUM
```

TO SET THE RINGING SIGNAL MELODY

Press **Menu, 7**

```
MENU 7
< RINGER MELODY>
```

Press **Enter**

```
RINGER MELODY
< SLOW 1 >
```

Press **< >** to select the setting of your choice

Press **Enter**

```
STORED
FAST 2
```

SETUP MENU

PRESET VOLUME

The telephone can be preset to start all calls at the same volume:

TO PRESET THE VOLUME

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **PRESET VOLUME** is shown in the display

Press **Enter**

```
PRESET VOLUME  
< OFF >
```

Press **< >** until **ON** is shown in the display

Press **Enter**

```
PRESET VOLUME  
< ==■===== >
```

Press **< >** to select the volume of your choice

Press **Enter**

```
STORED  
=====■==
```

OPERATOR CODE

An operator code is used when you want to make a call via an alternative telephone operator. When calling a phone number, BeoCom 2500 inserts this code automatically when it is once stored in the telephone.

The alternative operator may be chosen under certain conditions:

- Unconditional. Choose the alternative operator for all calls.
- Choose the alternative operator for calls with numbers starting with the same group of digits.
- Choose the alternative operator for calls to all other numbers than those starting with a dedicated group of digits.

STORE AN OPERATOR CODE FOR ALL CALLS

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **OPERATOR CODE** is shown in the display

Press **Enter**

```
OPERATOR CODE:  
_
```

Enter the operator code (e.g. 1 0 1 0)

Press **Enter**

```
STORED  
OPERATOR CODE
```

STORE AN OPERATOR CODE FOR NUMBERS STARTING WITH THE SAME GROUP OF DIGITS

Press * to divide each group.

Example: 1 0 1 0 * 0 0 to all international calls, or
1 0 1 0 * 0 0 1 * 0 0 4 to countries starting with 001 and 004.

Press **Menu, ***

MENU *
< SETUP MENU >

Press **Enter**

SETUP MENU
< PRESET VOLUME>

Press **>** until OPERATOR CODE is shown in the display

Press **Enter**

OPERATOR CODE:
—

Enter the operator code, then * followed by the group of digits according to your choice

Press **Enter**

STORED
OPERATOR CODE

STORE AN OPERATOR CODE FOR CALLS TO ALL OTHER NUMBERS THAN THOSE STARTING WITH A DEDICATED GROUP OF DIGITS

Press # to divide each group.

Example: 1 0 1 0 # 9 7 # 9 8 to call all other numbers than those starting with 97 and 98.

Press **Menu, ***

MENU *
< SETUP MENU >

Press **Enter**

SETUP MENU
< PRESET VOLUME>

Press **>** until OPERATOR CODE is shown in the display

Press **Enter**

OPERATOR CODE:
—

Enter the operator code, then # followed by the group of digits according to your choice

Press **Enter**

STORED
OPERATOR CODE

TO ADJUST THE DISPLAY CONTRAST

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **CONTRAST** is shown in the display

Press **Enter**

```
CONTRAST  
< ==■===== >
```

Press **< >** to select the setting of your choice

Press **Enter**

```
STORED  
< =====■==== >
```

SET THE FLASH TIME (TIMED LOOP BREAK)

The correct flash time depends on the type of telephone company, and is normally preset from the factory.

- 100 milliseconds
- 270 milliseconds
- 400 milliseconds

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **FLASH TIME** is shown in the display

Press **Enter**

```
FLASH TIME  
< 100 MSEC >
```

Press **< >** to select the setting of your choice

Press **Enter**

```
STORED  
270 MSEC
```

DELETE AND RESET

This function deletes all numbers and names in the Phone Book and all stored settings will go back to the presettings.

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **DELETE & RESET** is shown in the display

Press **Enter**

```
DELETE & RESET  
< NO >
```

Press **< >** to select the function of your choice

Press **Enter**

```
SETUP MENU  
DELETE & RESET
```

SWITCHBOARD

If your BeoCom 2500 is connected to a switchboard you have to store the switchboard code in order to ensure correct function of the operator code.

As well, it is often necessary to enter a pause between the switchboard code and the telephone number.

BeoCom 2500 inserts this pause automatically when it is once stored into the telephone together with the switchboard code.

If the R-button is used for recalls subsequent key entries will not be stored for redialling.

TO STORE THE SWITCHBOARD CODE

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **SWITCHBOARD** is shown in the display

Press **Enter**

```
SWITCHBOARD  
< NO >
```

Press **< >** until **YES** is shown in the display

Press **Enter**

```
SWITCHBOARD  
CODE: _
```

Enter the code

Press **Enter**

```
PAUSE  
< WAIT >
```

Press **< >** to select the pause required*)

Press **Enter**

```
STORED  
SWITCHBOARD
```

*) The pause between the prefix and the telephone number can be set from one to twelve seconds or you can enter a stop (WAIT or NO DELAY).

TO DELETE THE STORED SWITCHBOARD CODE

Press **Menu, ***

```
MENU *  
< SETUP MENU >
```

Press **Enter**

```
SETUP MENU  
< PRESET VOLUME>
```

Press **>** until **SWITCHBOARD** is shown in the display

Press **Enter**


```
SWITCHBOARD  
< YES >
```

Press **< >** until **NO** is shown in the display

Press **Enter**

```
STORED  
NO >
```

TROUBLE SHOOTING

Symptoms	Possible cause	Correction
The display shows a flashing  .	The batteries are low.	Insert new batteries.
The ringing signal does not work.	The ringing signal is switched off.	Switch the ringing signal on.
Redialling does not work.	<ul style="list-style-type: none">• The prefix is not stored (switchboard).• A pause between 1st and 2nd part of the phone number has not been stored.	<ul style="list-style-type: none">• See Setup menu, Switchboard.• See Using the Pause button.
Caller ID and other special functions do not work.	<ul style="list-style-type: none">• You have not subscribed to the Caller ID service.• The batteries have not been inserted, have been incorrectly inserted, or are dead.	<ul style="list-style-type: none">• Contact your telephone company to subscribe.• Check that the batteries have been correctly inserted and are not dead.

TECHNICAL INFORMATION

LOCATION AND CLEANING

Do not place the telephone in a dusty or dirty room. Do not expose the telephone to excessive moisture.

Use a soft, damp cloth with a few drops of mild detergent added to clean the phone.

DATA

Power supply

from the telephone network

Batteries

3 x 1.5 V type AAA

Ambient temperature the telephone
the display

-25°C to +55°C
0°C to +55°C

Relative humidity

15% to 95%

APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them

504713

Dear Customer,

Your needs as the user of our products are always given careful consideration during the design and development process, and we strive to make our products easy and comfortable to operate.

We hope that you will take time to drop us a line, telling us about your experiences with your Bang & Olufsen telephone. Anything which you consider important – positive or negative – may help us in our constant efforts to refine our telephones.

Should you have any questions concerning the operation, your dealer will be able to assist you.

Please write to: *Bang & Olufsen Telecom a/s*
Customer service
Kjeldsmarkvej 1
DK-7600 Struer
Denmark

or fax to: *Bang & Olufsen Telecom a/s*
Customer service
+45 96 84 44 01

or send an e-mail to: *telecom@bang-olufsen.dk*

www.bang-olufsen.com

