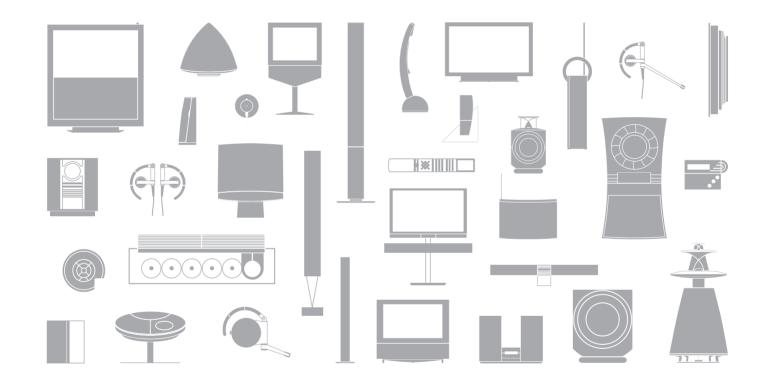


# BeoSound 3200

## Guide



BANG & OLUFSEN BO



CAUTION: To reduce the risk of electric shock, do not remove cover (or back).
No User-serviceable parts inside. Refer servicing to qualified service personnel.

**WARNING:** To prevent fire or electric shock, do not expose this appliance to rain or moisture.



This symbol indicates that a dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit. Contents

### Introducing your Bang & Olufsen music system, 4

Get to know your music system, see how the buttons are organised on the operation panel, understand and change information in the display.

### Daily use, 9

Find out how to use your music system, play music from the CD memory, use the CD player and the radio, and find out how to use the Beo4 remote control.

### Advanced operation, 15

Find out more about the advanced operations; how to play favourite CD tracks only, use the random and repeat functions, copy and store a CD in the CD memory, name your CD memory groups, your CDs and radio stations. Furthermore, learn how to edit the CD memory; copy, move and delete, and how to make the music system start or stop at a specific time as well as how to operate an Audio/Video system.

### Placement, connections, and maintenance, 27

Find out how to place, connect and assemble your music system. How to connect your music system to your video system, how to clean your music system and your CDs, and how to change Beo4 batteries. Including instructions regarding the CD memory.

### Tuning and preference settings, 33

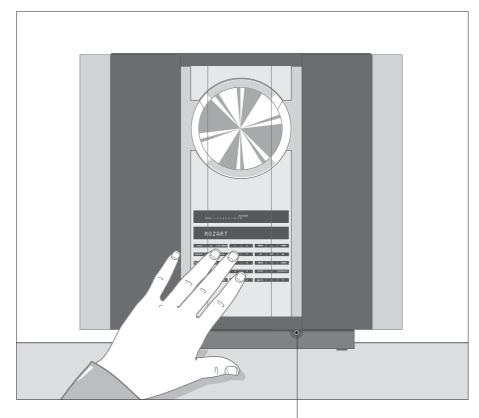
Find out how to tune in radio stations, adjust sound and set the clock, activate the PIN code system and enter a PIN code, configure Beo4 to work with your products, and add extra 'buttons' to your Beo4.

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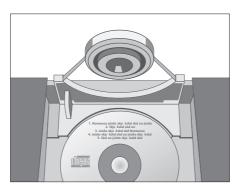
Find the specific subject you want to know more about.

### Introducing your music system

Reach out as if to touch the glass doors and your BeoSound opens automatically, revealing the music system behind the doors.
Use your music system to listen to radio, to play a single CD and to play from the CD memory.



Socket for headphones. When the head-phones are plugged in, the speakers, connected to your music system, are muted.



Press the LOAD button to raise the clamp which holds the CD in place.

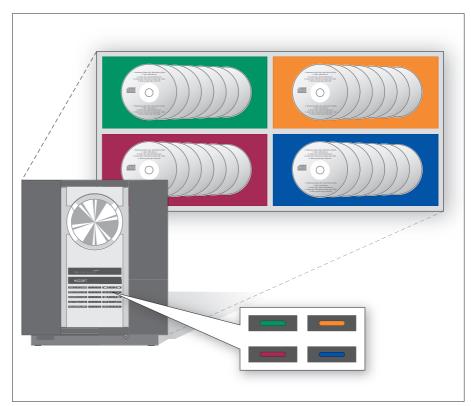
You can now remove a CD or load one you want to play. Always load a CD with the label facing you.

Press LOAD again to lower the clamp. If you press CD, the clamp lowers automatically and playback begins.

The CD memory offers you the possibility to store the contents of your CDs inside the music system. It has four available groups and each group can hold up to 99 CDs. Forget about finding and loading CDs one by one, you have instant access to your CD collection, all stored in the same player.

When your CDs are copied into the memory, you can store them out of sight.

To help you organise your CD memory groups, use the booklet enclosed with this Guide; each group is represented by the colour of the button activating it, and there is room for you to enter the group names, CD names as well as track names.



Each of the four coloured buttons represents a CD memory group.

#### Memory groups

When you copy your CDs, you must store the contents in one or more of the four groups already created in the CD memory. The four groups are associated with the four coloured buttons on the operation panel; green, yellow, red and blue, which are also the names that will appear in the display, unless you name the groups as described on page 20.

#### Naming and organising

You can provide each of the four groups with a new name and create your own structure. You can choose to store all your CDs in one group or store them in different groups organised for example by genre, and name the groups accordingly: POP, BLUES, etc. Another way of organising the CDs is according to the different users of the music system, such as: MY MUSIC, MUM or PETER. It is all up to you.

### Close-up operation panel and displays

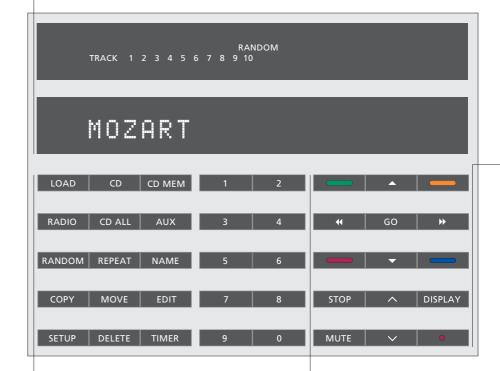
All the buttons are conveniently grouped according to type of function, so you can easily find your way around the panel while operating the system.

The displays on the music system give you various types of information. You choose which type of information is displayed.

#### Displays

The displays tell you what the system is doing. The cues in the upper display relate to functions in the CD player, e.g. track number.

The lower display shows, for example, the name of the current radio station or CD memory group. It also guides you through setting up and programming sequences.



### Source buttons and CD memory functions

This group of buttons gives access to sources as well as setup, playback and Timer functions.

### **Number buttons**

The number buttons enable you to select other station numbers, select tracks on a CD, or select CDs and tracks in the CD memory.

### Change the information in the display

You can switch between different types of information by pressing DISPLAY repeatedly when the radio, CD player or CD memory is switched on

## CLASSIC

The radio station named 'CLASSIC' is playing.



The CD is being scanned meaning that the first 15 seconds of each track is played. The current track number is 5.

### **Primary functions**

The buttons on the right-hand side of the panel give you access to all primary functions: switching the system on and off, adjusting volume, muting sound, and operating the radio, CD player, and CD memory.

## FM 94.6

The current radio station is transmitting on FM frequency 94.6.



This CD is edited, meaning that some tracks will not be played, also the tracks will be repeated. The current track has been playing for 2 minutes and 15 seconds.



The ten tracks on the CD named 'MOZART' will be played in random order.



Track number 15 on CD number 12 in the green CD memory group is playing.

Three different display settings are available for the radio:

- 1 Station name
- 2 Station number
- 3 Radio frequency

Three display settings are available for the CD player:

- 1 Name of CD
- 2 Track number
- 3 Elapsed time of current track

Two display settings are available for the CD memory:

- 1 Name of the group, then the CD name appears
- 2 Group, CD number and track number

Daily use

9

This chapter informs you of the basic functions of your music system. How to play back music from the CD memory or a CD, how to use the radio and finally how to use the Beo4 remote control, if you have one.

For information about more advanced operation, such as copying the contents of a CD into the CD memory, refer to the next chapter *Advanced operation* on page 15.

If PIN appears in the display the first time you activate a function, and you have not received a PIN code from your Bang & Olufsen retailer, contact your retailer to receive a PIN code. For further information about the PIN code function, refer to the chapter Set and enter a PIN code on page 38.

### Play from the CD memory, 10

- CD memory playback
- Play a specific group, CD or track

### Use the CD player, 11

• Play a CD

### Use the radio, 12

• Switch on the radio

Use the Beo4 remote control, 13

### Play from the CD memory

Press to switch to standby

Once you have copied your CDs into the CD memory, they are stored until you delete them. You can now easily play all your music CDs.

When you switch on the CD memory, the group and the CD you last played start playing. You can then select other CDs or tracks within the group, select another group or perhaps a specific CD in another group. To activate a group, press the corresponding button on the close-up operation panel. The groups are distinguished by the colours: green, yellow, red and blue when you start out, but you can choose to give the groups a name. Refer to page 19 for further information.

Unless you choose differently, playing continues from the CD memory for 12 hours.

CD memory playback		Play a specific group, CD or track	
Press to play the CDs in the group you last listened to	CD MEM	Press to play the CDs in the group you last listened to	CD MEM
Press to play the CDs stored in the green group	-	Press to select the group you wish to play from	
Press to play the CDs stored in the yellow group	-	Key in the number of a specific CD in this group, or	1 – 9
Press to play the CDs stored in the red group	-	Press to step between CDs	<b>*</b> *
Press to play the CDs stored in the blue group	_	Press GO then key in the number of a specific track, or	GO 1 – 9
If no CDs are stored in the group you wish to play from, the display will read EMPTY	ЕМРТҮ	Press to step to the next track Press to step to the previous track	•
Press to step to the next CD in the group, or Press to step to the previous CD in the group	<b>₩</b>		
Press to play the next track, or Press to play the previous track	<b>▲</b> ▼		
Press to pause playing	STOP		
Press to resume playing	GO		
Adjust volume Press to adjust the volume up or down	^ V		
Press to silence the speakers completely, press again to restore sound	MUTE		

### Use the CD player

Before playing a loaded CD, all information on the CD is registered, such as the number of tracks. Then the CD starts playing from the beginning. Playback continues until the whole CD has been played, unless you choose differently.

You can always keep track of what the CD player is doing by watching the displays. The displays show either track number or track time, depending on which display mode it has been set to. If you have named the CD, the name will also be shown in the display\*

### Play a CD

Press to play a loaded CD

Press to play specific track numbers	0 – 9
Press to play the next track Press to play the previous track	<b>▲</b>
Press to pause playing	STOP
Press to resume playing	GO
Press to search forward toward the end of the CD	<b>*</b>
Press to search backward toward the beginning of the CD – Keep the button pressed down until you have reached the point you want	*

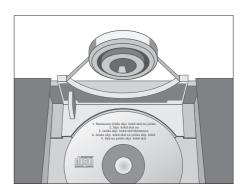
CD

MUTE

### Adjust volume...

Press to adjust the volume up or down

Press to silence the speakers completely, press again to restore sound





The CD playing has been named 'MOZART'. The tracks are being played in random order.

NOTE! BeoSound 3200 automatically switches to standby if idle for 30 minutes. \*If the display has been set to show the name of the CD, only the name will appear in the display and you cannot follow the elapsed time process. See page 7 for details of the various display modes.

### Use the radio

To listen to the radio, you must first find and store the frequencies of the radio stations.

You can store up to 60 different radio stations in your music system. Refer to the chapter *Tune in radio stations* on page 34 for further information.

### Switch on the radio

Press to switch on the radio  $\begin{array}{c} \text{RADIO} \\ \text{Use the number keys to select a} \\ \text{stored station} \end{array}$ 

Switch to standby

Step through all stored stations

Pressing 0 switches between the present and previous radio station.

MUTE

#### Adjust volume...

Press to adjust the volume up or down

Press to silence the speakers completely. Press again to restore sound

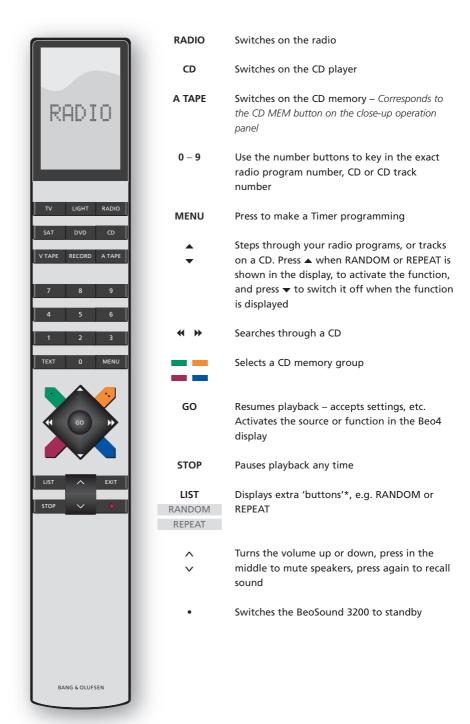
### RADIO 3

Radio program 3 is playing.

Although designed primarily for close-up operation, the music system can also be operated from a distance. The Beo4 remote control operates all the primary functions in your Bang & Olufsen product.

With Beo4, you can switch on or off, select radio stations or CD tracks. It is also possible to switch on the special random and repeated playback functions in the CD player, as well as adjust the sound.

If your music system is used together with other Bang & Olufsen products, refer to the Guides delivered with these products for further explanation.



<sup>\*</sup>NOTE! In order to display the relevant extra buttons on the Beo4, you must add them to the Beo4 list of functions: Add RANDOM and REPEAT to Beo4 to use these functions. Add A.AUX to be able to switch on any other source connected to the AUX-socket. Refer to the chapter *Customise Beo4* on page 40 for further information.

Find out how to operate your music system beyond daily use. Explore the different ways of playing CDs. Learn how to copy music into the CD memory and find out how to personalise your music system by naming CD memory groups, CDs and radio stations. Organise the music to your liking and find out how to make the music system start or stop at a specific time. Furthermore, read about the different ways of using an Audio/Video setup.

### Play favourite tracks only, 16

- Edit a CD
- Play or delete a series of tracks

### Random and Repeat, 17

• Different ways of playing CDs

### Copy and store a CD, 18

- Copy and store an entire CD
- Copy and store favourite tracks

### Naming, 20

- Use the naming function
- See the list of CD names

### CD memory - copy, move and delete, 22

- Copy a CD to another group
- Move a CD to another group
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- Delete a CD or tracks in a group

### Start or stop at a specific time, 24

- Set a Timer
- Check the Timers
- Delete a Timer

### Use an Audio/Video setup, 26

• Play audio or video sound on either system...

### Play favourite CD tracks only

EDIT ?

EDITING

EDIT OK ?

GO

GO

STORED

GO

If some of the tracks on a CD are not to your liking, you can edit the CD, so that only the tracks you like and select are played. Once you have edited a CD and selected your own series of tracks, then, every time you play this CD, the music system starts playing the series of tracks you have chosen. But you can still listen to the entire CD. You can also delete the series of tracks you have made, to always play the CD in full. The selected tracks are played in numerical order.

Load the CD you want to edit and start the editing procedure. In editing mode you will hear the first 15 seconds of each track which leaves time for you to decide whether to include or exclude the track. If you do not make a selection of whether to include or exclude the track being played, it is automatically included.

If you choose to leave the function before you have included or excluded all the tracks on the CD, the remaining tracks will be regarded as excluded.

#### Edit a CD

While the CD is playing, press to edit the CD. EDIT ? appears

Press to start scanning the CD. EDITING appears – and SCAN is shown in the upper display

Press to include a track number in the series, or... Press to exclude a track number from the series

EDIT OK? appears in the display when the last track has been included or excluded

Press at any time if you wish to terminate the editing procedure before the last track has been

Press to store the series.

STORED appears

included or excluded

If you change your mind while you are choosing your tracks, just press the CD button and the EDIT button again - and start over.

### Play or delete a series of tracks

Press to play your edited series of

press to delete the series.

Press to delete the series altogether. DELETED appears

with the functions of playing tracks in random order and repeating a CD, see the next page.

tracks. CD ED appears CD ED Press to play the entire CD CD-ALL To delete a series of tracks... While the edited CD is playing, **EDIT** EDIT ? EDIT? appears

Track selection can also be used in conjunction

DELETE

DELETED

NOTE! If you copy a CD you have edited into the CD memory, all tracks will be copied, unless you specify differently before copying. Refer to the chapter Copy and store a CD on page 18 for further information.

### Random and repeat

The random playback function plays all the tracks on the loaded CD or in the chosen CD memory group in random order. The repeat function plays the loaded CD over and over – for up to 12 hours on end. These functions can be used in conjunction or separately.

### Different ways of playing CDs

Press to play the loaded CD, or... CI

Press to play the CDs in the group you last listened to

CD MEM

Press to choose a different group

Press to activate the random function

RANDOM

ON appears – and RANDOM is shown in the upper display

To repeat a CD...

Press to play the loaded CD

CD

Press to activate the repeat function

REPEAT

ON appears – and REPEAT is

shown in the upper display

ON

To cancel the random or repeat function, simply press the relevant button again.



The upper display shows that the current CD is being played in random order, and that track no. 5 is being played. The lower display shows that the name of the CD is 'MOZART'.



The upper display shows that the edited CD is being repeated. The lower display shows that the current track has been playing for 2 minutes and 15 seconds.

NOTE! If you cancel the random play function while the CD is playing, all tracks beyond the current track number will be played in chronological order, even if they have already been played while the random play function was activated.

### Copy and store a CD

The easiest way to copy music into the CD memory is to copy the entire CD. Just load the CD and start copying. The duration of the copying depends on the length of the CD. The quality of the music in the CD memory corresponds to the quality of the original CD. The CD can be heard during copying but you can also choose to mute the speakers while copying.

Copy protected CDs can still be copied to the memory of your own music system. However, if the CD you have copied is copy protected, you must confirm that you wish to store the copy. Otherwise it is automatically deleted when the system switches to standby approximately 30 minutes after finishing the copying.

Copy protection information may be placed anywhere on the CD. Therefore, this information may appear at any time when you copy such a CD. When this information is detected by your music system, CODED CD appears in the display but the music system continues copying the CD.

If the memory group you choose is full when you want to copy a CD into it, the display reads FULL. You have to delete a CD before copying a new one into the group.

### Copy and store an entire CD

Press to play the loaded CD

Once the CD is copied and stored, COPY OK appears in the COPY OK

Press to start copying the CD

The display indicates to copy all

COPY

ALL?

display

To stop copying...

... ⇒

Press to stop – the entire copy is then deleted

CD MEM **STOP** 

Press to copy the entire CD

GO COPY TO ?

**::** 17 ?

\*If you choose not to store the copy of a copy protected CD, press STOP to delete the copy.

Press to choose which group to store your CD in - green, yellow, red or blue

The first available position in the chosen group is suggested, but you can choose another

position

Press to step between available positions, or...

Key in the number of the position you want , or...

Press to start copying

GO

COPYING

If the CD is copy protected, the display will indicate this shortly

CODED CD

When the copying of a coded CD is complete, CODED is displayed, and you must confirm that you wish to store the copy\* CODED GO

⇒ ...

If a CD is already edited (see page 16), it is still copied in full if you select ALL. It is also possible to copy selected tracks only by editing the CD. In editing mode, you hear the first 15 seconds of each track. This leaves you time to decide whether to include or exclude the track. If you choose to leave the function before you have heard all the tracks on the CD, the remaining tracks will be regarded as excluded.

If your music system is set for *Option* 0 (see page 31) and you switch on TV while copying, the music system switches to standby when copying is complete. Therefore, to be able to store a copy of a copy protected CD, you must make sure that the music system is activated while copying.

### Copy and store favourite tracks

Press to play the loaded CD

Press to start copying the CD

CD

COPY

ALL?

When the copying of a coded CD is complete, CODED is displayed, and you must confirm that you wish to store the copy\*

... ⇒

CODED

GO

Press to be able to select which tracks to include

EDIT ?

GO

GO

Once the edited CD is copied and stored, COPY OK appears in the display

COPY OK

Press to start editing the CD

Press to include the track Press to exclude the track

Press at any time to store the tracks you have included so far

EDIT OK? appears in the display when the CD has been edited

Press to be able to choose which group to store your CD in

Press to choose a group

The first available position in the chosen group is suggested, but you can choose another position

Key in the number of the position you want

Press to start copying

If the CD is copy protected, the display indicates this shortly

EDITING

EDIT OK?

GO COPY TO ?

**::** 17 ?

0 – 9

GO

COPYING

CODED CD

⇒ ...

<sup>\*</sup>If you choose not to store the copy of a copy protected CD, press STOP to delete the copy.

### **Naming**

To distinguish between your CDs, both physical CDs and the ones stored in the CD memory, you can name them. You can also name the radio stations and the CD memory groups.

When naming a CD or radio station, the CD or radio station you are naming must be playing. You can store a total of 200 CD names in your music system, however, all CDs stored in the CD memory can be named. Each name may contain up to 8 characters, including numbers.

If you do not name a radio station, a name, transmitted by the broadcaster, may be shown in the display.

You can call up a list of the CD names stored in your music system (not the ones assigned to CDs in the CD memory) and delete names in the list if you wish. If you delete the name of a CD you have edited, the edited series for this CD is deleted with the name.

### Use the naming function

#### First choose what you wish to name...

Select the group you wish to name, and/or...



Press to switch on the CD memory

CD MEM

Select the CD in the CD memory you wish to name, or...

0 - 9

Press to switch on the radio **RADIO** Select the radio stations you wish to name, or...

0 – 9

CD

NAME

Press to name a loaded CD

Press to start naming

#### While listening to what you wish to name...

Press to switch between characters

Press to move to the next character position - continue to enter the whole name

GO

name. STORE ? appears Press again to store the name\*.

Press to be able to store the

STORE ?

STORED appears indicating that STORED the name is stored

### See the list of CD names

While any CD is playing press twice to see the CD names. MEMORY appears briefly, then the name of the current CD flashes. If it has no name, the disc number, e.g. DISC 1, appears

NAME NAME MEMORY DISC 1

Press to list the names one by one

#### Delete CD name...

Press to delete a name and series of tracks while the appropriate name is displayed. DELETE? appears

DELETE

DELETE ?

Press again to delete name and series of tracks.

DELETED appears, indicating that

DELETE

DELETED

the name and series of tracks are deleted

Press CD to exit the CD naming function

CD

If the CD name list is empty, EMPTY will appear in the display EMPTY

If the CD name list is full, FULL will appear in the display

<sup>\*</sup>If you press DELETE instead of GO, only the name is deleted, all other settings remain.

### CD memory – copy, move and delete

You can copy or move CDs between CD memory groups or rearrange the positions for each CD within a group, for example to make a temporary party play list in one group, or you can copy a CD to a group dedicated to another user. Once copied, the CD is available in both groups. It is also possible to delete entire CDs, or tracks which you no longer want in your CD memory.

When you copy or move a CD, the CD is copied or moved to the first available position. If you want to copy or move a CD into a position already occupied, you must move or delete the CD occupying this position first.

Copy a CD to another group		Move a CD to another group		
	Press to play the CDs in the group you last listened to	CD MEM	Press to play the CDs in the group you last listened to	CD MEM
	Press to select the group you wish to copy from		Press to select the group you wish to move a CD from	
	Press to select the CD you wish to copy – the CD starts playing	0 – 9	Press to select the CD you wish to move – the CD starts playing	0 – 9
	Press to be able to copy the CD to another group	COPY TO ?	Press to be able to move the CD to another group	MOVE TO ?
	Press to select the group you wish to copy to	:: 15 ?	Press to select the group you wish to move the CD to	:: 15 ?
	Press to select a position for the CD in its new group	0 – 9	Press to select a position for the CD in the new group	0 – 9
	Press to copy the CD to the new group. COPYING appears in the display	GO COPYING	Press to move the CD to the new group. MOVING appears in the display	GO MOVING
	Once copying is completed, COPY OK appears	COPY OK	Once moving is completed, MOVED appears	MOVED

#### Give a CD an new position in a Delete a CD or tracks in a group group Press to play the CDs in the **CD MEM** group you last listened to Press to play the CDs in the CD MEM group you last listened to Press to select the group you wish to delete a CD or track Press to select the group you wish to move a CD from from Press to select the CD you wish 0 - 9Press to select the CD you wish 0 - 9to move - the CD starts playing to delete or delete a track from the CD start playing Press to be able to move the CD MOVE MOVE TO ? Press to be able to delete the CD **DELETE** or tracks from it **15** ? Press to select the same group Press to delete the entire CD. DELETE again **15** ? or... Press if you wish only to delete **EDIT** Press to select the new position 0 - 9certain tracks from the CD EDIT? Press to move the CD to the new Press to be able to select the position. MOVING appears in the MOVING GO display tracks you wish to delete EDITING Once moving is completed, Press to include the track you are MOVED MOVED appears listening to, or... Press to exclude the track you are listening to DELETE? appears in the display DELETE ? when the last track has been included or excluded Press to delete the tracks you **DELETE** have excluded. DELETED appears

DELETED

### Start or stop at a specific time

You can make the music system start or stop playing at designated times throughout the day and week.

The music system remembers up to 15 such Timers and you can use it to wake you up in the morning to the sound from either your favourite CD or radio program. If, for example, you want it to stop playing at a specific time in the evening, you just make a Timer with STANDBY as the source.

If you set a Timer for Monday, Tuesday and Thursday, the Timer will be repeated on these days only, every week.

If you change your mind, your Timers can be changed or cancelled, at any time. When the music system is connected to a video system, the Timer must be set as described in the Guide for the video system. When you access the Timer function, the display will read USE TV. When you program a Timer via the video system, CD memory is chosen as source by selecting A TAPE. When you choose CD memory as your source, the system plays from the last used memory group, when the Timer is activated.

Set a Timer		⇒	
Press repeatedly until TIMER ? appears in the display	SETUP TIMER ?	Press to move between the days	<b>*</b> *
		Press to include a day	•
Press to enter the timer function.  NEW ? appears	GO NEW ?	Press to exclude a day	•
NEW : appears	INCOV .	The selected days are displayed	MT T SS
Press to make a new Timer.	GO		
RADIO ? appears	RADIO ?	Press to accept the days shown in the display. STORE ? appears	GO STORE ?
Press to switch between the	•		
available sources	▼	Press to store the Timer.	GO
		STORED appears, indicating that	STORED
Press to select a source when it is	GO	your Timer is stored	
displayed – If you have selected	P.NO 12 ?		
radio, the program number		Press to activate the Timer and	TIMER
appears.		cut in the loudspeakers	
December of the later of the la		connected to BeoSound 3200	
Press to step between program numbers	_	The green indicator light will	
numbers	•	show when the Timer function is	
Press to accept the source.	GO	activated	
A start time appears	ON 20:00	activated	
		If you do not wish to store your Tir	mer. pressina 🔺
Key in the start time you want	0 – 9	when STORE ? is displayed, changes the display to EXIT ?. Press GO to exit the Timer function	
-			
Press to accept.	GO	without storing the Timer.	
A stop time appears	OFF 21:00	If you leave the Timer function by pressing for example a source button, before the Timer has	
Key in the stop time you want	0 – 9	been stored, the Timer is automatic	
itey in the stop time you want	0 3	been stored, the filler is automatically cancelled.	

If you make a STANDBY Timer, then all you need to store is the stop time.

Press to accept the time. MTWTFSS appears The letters represent the 7 days of the week, starting with M for Monday GO

MTWTFSS

⇒ ...

NOTE! The list of sources shown in the display contains N.MUSIC (for music tracks stored on your PC). This source is available if you have connected your music system to BeoLink PC 2.

### **Check the Timers**

Press repeatedly until TIMER? appears in the display

**SETUP** 

GO

GO

GO

GO

0 – 9

GO

GO

OK?

STORED

NEW ?

CHECK ?

TIMER ?

Press to enter the Timer function. NEW? appears

Press to change the display to CHECK?

Press to see the Timers

Press to step through the programmed Timers

If you wish to make corrections, press GO when the Timer in question is displayed

Press to change source, if you wish

Press to accept, if you have changed the source

Key in your corrections

Press to accept. OK? appears

Press to store. STORED appears, indicating that your corrected Timer is stored

### **Delete a Timer**

Press repeatedly until TIMER? appears in the display

Press to enter the Timer function. NEW? appears

Press to change the display to CHECK?

Press to see the Timers

Press to step through the programmed Timers

RADIO 12 When the Timer is displayed

> Press DELETE to delete it. DELETED appears, indicating that the Timer is deleted

**SETUP** 

TIMER ?

GO NEW ?

CHECK ?

GO

RADIO 12

**DELETE** DELETED

NOTE! You can also programme a Timer via Beo4, just press the MENU button to access the Timer function and follow the procedure described on these pages.

### Use an Audio/Video system

When your music system is connected to your video system via the Master Link cable as described in the chapter *Audio/Video setup* on page 31, you can choose whether to use the speakers connected to the music system, if any, or the speakers connected to the video system.

When your music system is connected to a video system and the speakers are connected to the video system, the video system takes over some of the functions mentioned in this guide, for example programming a Timer as described in the chapter *Start or stop at a specific time* on page 24. Also all remote control operations (audio and video) must be directed to the video system.

If your speakers are connected to your music system, your audio and video systems do not have to be placed in the same room, you can still listen to sound from either system on the speakers of either system.

## Play audio or video sound on either system...

To listen to sound from your video system on your music system speakers without switching on the television screen...

Press repeatedly until AV\* is shown in the Beo4 display...

LIST

Then press a video source button **TV** such as TV

If you press a source button before as well as after AV has been shown in the Beo4 display, the television screen will be switched on.

To listen to sound from your music system on the television speakers...

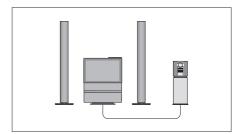
Press repeatedly until AV is shown in the Beo4 display...

.IST

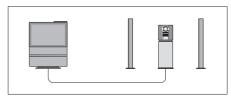
Then press an audio source

button, such as RADIO

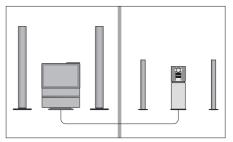
**RADIO** 



An Audio/Video system. Speakers connected to the video system.



An Audio/Video system set up in one room. Speakers connected to the audio system.



An Audio/Video system set up in two rooms. Speakers connected to the audio system – or to both systems.

\*NOTE! If AV is not available in the Beo4 display, you must add it to the Beo4 list of functions, refer to the chapter *Customise Beo4* on page 40 for further information.

This chapter informs you how to place, connect and maintain your music system.

We recommend that you follow this procedure when you set up your music system:

- 1 Place the music system where you want to use it.
- 2 Set up your speakers and any auxiliary equipment.
- 3 Arrange the cables in the cable cover grooves and attach the cover to the rear of the music system.
- 4 Connect all cables to their sockets on the rear panel of the music system – remember not to connect it to the mains yet!
- 5 Mount the glass doors.
- 6 Connect the products to the mains.

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• Placing your music system...

### Connect the cables, 29

- Aerial
- Loudspeakers
- · Auxiliary equipment
- BeoLink connection
- Mains supply

### How to assemble the music system, 30

- Arrange the cables
- Mount the cable cover
- Mount the glass doors

### Audio/Video setup, 31

### Looking after your music system, 32

- Cleaning your BeoSound
- Cleaning your CDs
- CD memory hard disc
- Changing Beo4 batteries

### Placing your music system

### Placing your music system...

Make sure that the music system is set up, placed and connected in accordance with the instructions in this guide.

Place your music system on a firm surface, preferably on the table, sideboard or stand where you want it placed permanently.

The music system is designed for indoor use in dry, domestic environments only, and for use within a temperature range of 10–40° C (50–105° F).

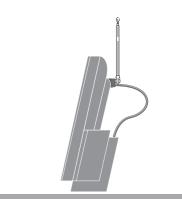
Avoid placing the system in direct sunlight, near radiators or other sources of heat.

Allow a space of at least 5 cm above and to each side of the music system for adequate ventilation. Remember to leave enough space at the sides for the glass doors to open.

If you want to hang the music system on a wall, make sure that you use the correct size and type of screws and wall plugs for mounting the wall bracket (optional accessory) and the music system. The type of screws and wall plugs will depend on the material and construction of the wall.

Do not connect any of the products in your system to the mains, until after you have connected all the cables (see the opposite page).





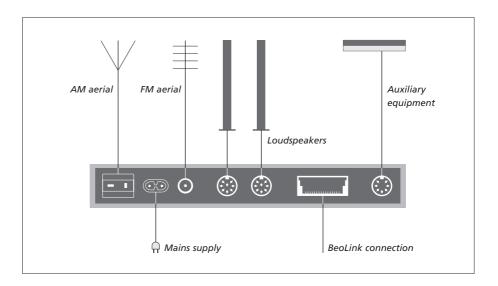
If no permanent FM aerial connection is available, an indoor aerial may be hooked onto the clamp on the back of the BeoSound 3200.

### Connect the cables

Use the diagram and the graphics imprinted on the socket panel for reference when locating the sockets.

Do not connect the music system to the mains until you have finished the setting-up procedure!

You can use your music system in a standalone setup or connected to a Bang & Olufsen video system using the Master Link cable. The Master Link socket on the back of the music system can also be used for BeoLink® distribution. The BeoLink system allows you to listen to the music system in any room you like via extra speakers\*.



#### Aerial

Connect your FM aerial to the socket marked FM and your AM aerial, if any, to the socket marked AM.

When using an AM loop aerial, tune in to the radio station you want, then turn the aerial horisontally until you receive the best possible signal.

### Loudspeakers

Connect your active speakers to the sockets marked POWER LINK.

You may choose to loop the signals through from speaker to speaker, or you may connect one speaker to each of the two sockets. Refer to the User's guide for your BeoLab loudspeakers.

Remember to set the L ullet R ullet LINE switch on the BeoLab speakers to L and R (left and right), respectively.

If you wish to connect the BeoLab 2500 loudspeakers, refer to Guides supplied with the speakers.

#### **Auxiliary equipment**

Connect your auxiliary equipment to the socket marked AUX. This socket enables you to use compatible Bang & Olufsen equipment, such as an audio tape recorder or a record player. Please note that equipment connected to this socket cannot be operated by remote control. The socket may also accommodate equipment of other makes.

#### **BeoLink connection**

The socket marked MASTER LINK should be used when you connect your music system and a compatible Bang & Olufsen video system.

#### Mains supply

Plug the mains lead into the socket marked  $\sim$ , on the music system but do not connect it to the mains yet.

<sup>\*</sup>NOTE! Please contact a Bang & Olufsen retailer for further information about the BeoLink system and information on auxiliary equipment.

### How to assemble BeoSound 3200

When you have finished the setting up procedure described on the previous page, you must mount the glass doors and the cable cover.

### Arrange the cables

Arrange the connector cables in the cable cover as shown to the right. You can fasten the cables with tape to keep them in place before you mount the cable cover to the rear of the music system.

#### Mount the cable cover

Fasten the cover – with the cables attached – to the grill on the BeoSound rear panel:

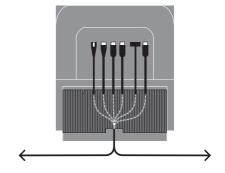
- a Insert the bottom row of pegs into the grill.
- b Push the top row of pegs into the grill.
- c Pull the cable cover upwards until the pegs fit properly with the grill.

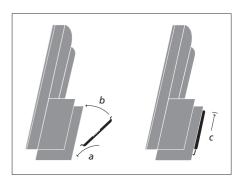
Do not plug in the cables before the cable cover is mounted.

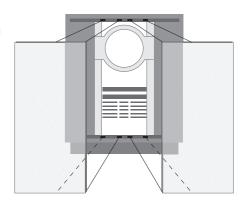
### Mount the glass doors

The labels on the back of the glass doors indicate which end should be pointing upwards, and which side of the glass door should point towards the middle of the BeoSound.

- > Fasten the two glass doors, one at a time, to the front of the music system by pressing their fastening points into the corresponding fastening sockets on the BeoSound.
- > Press gently on each of the fastening points until you hear a click. The click indicates that the glass doors are mounted properly.







Treat the glass doors with great care. If they are cracked or chipped, or damaged in any other way, they should be replaced immediately, as they could otherwise cause bodily harm. You can order replacement doors through a Bang & Olufsen retailer.

### Audio/Video setup

You can use your music system as a stand-alone system or as a Audio/ Video system, if you connect the systems with a Master Link cable. If you connect your music system and your video system, you must make sure that they are set up to function together. This means that you have to make *Option* programming as described on this page. You also choose whether to connect your loudspeakers to your music system or your video system.

Your music system is set for *Option 1* from the factory and you do not have to make *Option* programming if you are using your music system on its own.

Refer to the chapter *Use an Audio/Video* system on page 26 for information on how to operate an Audio/Video system.

#### **Option** programming

*Option* programming is done with the Beo4 remote control and with the entire system switched to standby.

To program 'Option' for your audio system...

- > While holding down the button, press LIST.
- > Let go of both buttons.
- > Press LIST repeatedly until OPTION? is shown in the Beo4 display and press GO.
- > Press LIST repeatedly until A.OPT is shown in the Beo4 display and then key in the appropriate number (0,1, 2, 5 or 6).

Choose V.OPT to program 'Option' for your video system.

### The music system has five different *Option* settings:

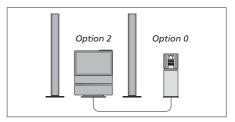
**Option 0.** Used when your music system is connected to your video system and no speakers are connected directly to your music system.

Option 1. Used when your music system is set up on its own or connected to a video system, when speakers are connected to your music system

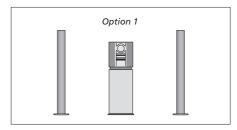
**Option 2.** Used when your music system is set up in one room and connected to a video system set up in another room.

**Option 5.** Used when your music system is set up in a link room which also comprises a Bang & Olufsen television.

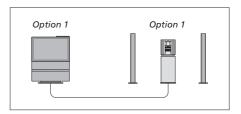
Option 6. Used when your music system is set up in a link room without a Bang & Olufsen television.



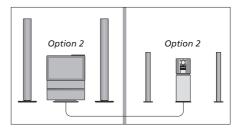
An Audio/Video system.



A stand-alone setup.



An Audio/Video system set up in one room.



An Audio/Video system set up in two rooms.

### Looking after your music system

Normal maintenance, such as cleaning the music system, is the responsibility of the user. To achieve the best result, please follow these instructions.

Before you clean the music system, we recommend that you disconnect it from the mains to prevent the glass doors from opening and closing. While the music system is disconnected, you can open or close the glass doors manually. It requires only a little, gentle force to do so.

Handle CDs with care. If the CD is always held by its edges and placed in its original cassette when out of the CD player, no cleaning will be required.

Should the hard disc break down, all music recorded in the CD memory may be lost and must be recorded again.

When 'BATTERY' appears in the Beo4 display, it is time to change the batteries in the remote control.

#### Cleaning your music system

Use a soft, dry cloth to wipe dust off the music system.

The glass doors can be removed and cleaned on the inside, if required. To remove the glass doors, simply grip them tightly, one at a time, while they are open and gently but firmly unhook them from their four fastening points, pulling outwards. To clean the glass doors, we recommend that you use a mild window cleaner.

Fasten the doors again as described in this guide. Leave the doors half-way open before reconnecting the system to the mains.

#### CD memory - hard disc

If for example music is lost or noise appears while playing back music from the CD memory, it is recommended to have your music system checked by authorised service personnel. If the hard disc needs to be replaced, the music stored in the CD memory will be transferred to a new hard disc if possible.

#### Changing the batteries...

The Beo4 requires three batteries. We recommend that you use 1.5 volt (size AAA) Alkaline batteries only. Replace the batteries as shown on this page, keep a finger on top of the batteries until the lid is replaced.

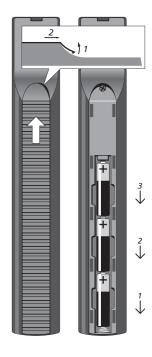
When you have replaced the batteries, you must wait for about 10 seconds until the display reads 'TV'. The Beo4 remote control is then ready to operate again.



Do not use alcohol or other solvents to clean any part of the BeoSound. We do not recommend using special cleaning CDs in the CD player.



Cleaning your CDs Should the CD become soiled by fingerprints, dust or dirt, it can be wiped clean with a lint-free, soft, dry cloth. Avoid extreme heat and humidity, and never write on your CDs. No solvents or abrasive cleaners should ever be used on the CD and always wipe the CD in a straight line from centre to edge.



Find out how to tune in radio stations and how to make your personal preference settings for sound. Find out how to set the clock and how to use the PIN code system. If you want to use the Beo4 remote control with your music system, this chapter tells you how to customise the Beo4 for it. For information about using Beo4, refer to the chapter *Daily use* on page 9.

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- Tune in radio stations
- Move stored radio stations
- Delete radio stations

### Adjust and store sound, 36

• Sound adjustments

#### Set the built-in clock, 37

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### Customise Beo4, 40

- Configure Beo4
- Add an extra 'button'
- Move extra 'buttons'
- Remove extra 'buttons'

### Tune and edit radio stations

Let the music system find the available radio stations for you, now store them on program numbers of your own choice. You can store up to 60 radio stations and name them as described on page 20. Once a station is stored, you access it directly by keying in the program number or by stepping though all the stored stations.

Once you have found a radio station, you can fine tune it, if the reception is poor. You can also key in the exact frequency of a radio station and store it under a chosen program number.

If you wish, you can move or delete tuned radio stations.

A station you have moved to another program number can still be found on the original program number. Any name you have given to a station is lost when you store it on a new program number.

If you move a station to a program number used by another station, this other station is deleted, and must be tuned in and stored on another program number.

#### Tune in radio stations

Press to switch on the radio

Press repeatedly until TUNE ? appears in the display

Press to access the tuning function. FM ? appears

Press to switch from FM to AM or vice versa

Press to select AM or FM. FM or AM and the current frequency appears

Press to search for a radio station – up or down the frequency band, or...

Key in the exact frequency

Press to accept. FINE 0 appears

Press to fine tune, if necessary

Press to accept.

STEREO ? appears

Press to switch from STEREO to MONO

Press to accept – the first available program number appears

Press to switch to a different program number, or...

Key in the program number you want

Press to store the station on the displayed program number. STORED appears, indicating that the station is stored

### Move stored radio stations

**RADIO** 

**SETUP** 

TUNE?

FM?

GO

GO

GO

0 - 9

GO

STORED

P 15 ?

Press to switch on the radio

Press repeatedly until TUNE ? appears in the display

Press repeatedly until the

program number appears

want to store the station

Key in the number on which you

Press again to store the station.

STORED appears, indicating that

the station is stored on the

chosen number

(or AM?) appears

Press to accept

Press to tune the station. FM?

GO FM ?

**RADIO** 

**SETUP** 

TUNE?

•

GO FM 88.9

▼

0 – 9

GO

FINE 0

•

GO

STEREO ?

•

▼

GO

P 15 ?

•

0 – 9

GO

STORED

NOTE! If the stereo signals are not strong enough to produce acceptable sound, the music system automatically switches to mono. You can also select mono manually during tuning, if necessary.

### **Delete radio stations**

Press to switch on the radio

**RADIO** 

Press one of the number buttons 0 - 9

to select a radio station

RADIO 7

Press to delete the radio station you are listening to. DELETE? appears

DELETE

DELETE ?

Press again to delete the station. DELETED appears, indicating that DELETED the radio station is deleted

DELETE

### Adjust and store sound

All sound levels are set to neutral values from the factory, but you can make your own sound adjustments and store them.

You can adjust the volume, bass and treble levels or alter the balance between the left and right speakers.

If you store a volume level, your music system will start playing at this level each time you switch it on. The maximum level that can be stored is 60.

The music system also features a loudness function which you can activate or deactivate as you like. The loudness function makes the music more dynamic. It compensates for the human ear's lack of sensitivity to high and low frequencies when listening to low music.

If you do not store the sound adjustments you make, the music system will return to the preset sound levels once you switch it off.

### Sound adjustments

Press repeatedly until SOUND ? appears in the display

Press to access the sound adjustment function. VOL and the current volume level appears

Press to raise or lower the sound levels

Press repeatedly to display the different sound displays, e.g. BAL > <

Press to adjust balance

Press repeatedly until STORE ? appears

Press to store the current sound levels. STORED appears

Adjust volume...

Press to adjust the volume up or down

Press to silence the speakers completely, press again to restore sound

SETUP

SOUND ?

GO

VOL 28

•

BAL ><

44 1

STORE ?

GO

STORED

or ^

MUTE

Displays shown during sound adjustment...

VOL 32

**Volume level** *Volume can be adjusted in steps of two within a range of 00 to 72.* 

BAL > <

**Balance setting** *Balance can be adjusted within a range of 7 to either side.* 

BASS O

Bass level Bass can be adjusted within a range of -5 to +5.

TREB 0

**Treble level** *Treble can be adjusted within a range of –5 to +5.* 

LOUD ON

**Loudness setting** *Indicates if loudness is switched* on or off

NOTE! When the BeoSound is used in an integrated Bang & Olufsen Audio/Video system, sound must be adjusted as described in the Guide for the video system. When you press the SOUND button, the display will read 'USE TV'.

# Set the built-in clock

The music system has a built-in clock with time, date and year. You can call up the time in the display via the SETUP button or via the Beo4 remote control. The clock is not set automatically, you must enter the settings yourself.

If you want to make use of the Timer function described on page 24, it is necessary that the built-in clock in the music system is set correctly.

## Set the clock

Press repeatedly until CLOCK ? appears in the display	SETUP CLOCK ?
Press to access the clock function. The time appears	<b>GO</b> 14 : 45
Press to change to the exact time, if necessary	<b>▲</b> ▼
Alternatively key in the exact time	0 – 9
Press to accept. The date appears	GO 23 AUG
Press to change the date, if necessary	<b>▲</b> ▼
Press to accept. The year appears	GO 2002
Press to change the year, if necessary	<b>▲</b> ▼
Press to accept. STORE ? appears	GO STORE ?
Press to store the new setting. STORED appears	GO STORED

To call up the clock in the display via Beo4...

Press repeatedly until CLOCK appears in the Beo4 display

CLOCK

Press to call up the clock. The time appears in the display of the music system

GO

14:45

# Set and enter a PIN code

PIN \_ \_ \_ \_

RADIO 1

0 - 9

PIN \* \_ \_

You choose whether or not to activate the PIN code system. The use of a PIN code means that if your music system has been disconnected from the mains for more than approximately 30 minutes, it can only be activated again by switching it on and keying in your own personal PIN code via the close-up operation panel.

If the PIN code is not entered, the music system automatically switches to standby after 3 minutes.

If a wrong PIN code is entered, you get five attempts to key in the code, after which the system is switched off and cannot be switched on for 3 hours.

You can change your PIN code, however, for security reasons it is only possible to change the PIN code five times within a period of 3 hours.

Should you forget your PIN code, please contact your Bang & Olufsen retailer who can assist you in receiving a Master code from Bang & Olufsen. You need the Master code to reactivate your music system.

### **Enter the PIN code**

The cue PIN \_ \_ \_ is displayed

Key in your personal PIN code. The PIN code is not displayed

When the four-digit code has been entered, the display returns to the relevant source e.g. RADIO 1

When the PIN code system is activated and the music system has been disconnected from the mains for more than approximately 30 minutes, the indicator light will flash to show that the system must be switched on and the PIN code entered via the close-up operation panel.

### Activate the PIN code system

Press twice when the system is in ◀ standby

Press to key in a four-digit PIN code of your own choice.

NEW PIN appears briefly, and PIN \_ \_ \_ appears

Key in a four-digit PIN code of your own choice. The PIN code is not displayed

Press to store the PIN code.

CONFIRM appears briefly, and
PIN \_ \_ \_ appears

Re-enter your code. The PIN code is not displayed

Press to store. STORED appears, indicating that your PIN code is stored

STOP NEW PIN

PIN \_ \_ \_ \_

0 - 9 PIN \* \_ \_ \_ PIN \*\*\*\*

GO CONFIRM

PIN \_ \_ \_ \_

0 – 9

PIN \*\*\*

GO

STORED

### Change your PIN code

Press twice when the set is in standby

Press to key in the four-digit PIN code. PIN \_ \_ \_ appears

STOP

0 – 9

GO

0 – 9

PIN \_ \_ \_

PIN \*\*\*\*

NEW PIN ?

PIN \_ \_ \_ \_

PIN \*\*\*\*

PIN \_ \_ \_ \_

PIN \*\*\*\*

0 - 9

GO

STORED

Key in your personal PIN code. The PIN code is not displayed. **NEW PIN ? appears** 

Press to enter a new PIN code. PIN \_ \_ \_ appears

Key in your new PIN code. The PIN code is not displayed

Press to store. CONFIRM appears briefly, and PIN \_ \_ \_ \_ appears

Re-enter your code. The PIN code is not displayed

Press to store. STORED appears, indicating that your changed PIN code is stored

### Deactivate the PIN code system

Press twice when the set is in standby

Press to key in the four-digit PIN code. PIN \_ \_ \_ appears

Key in your personal PIN code. The PIN code is not displayed **NEW PIN ? appears** 

Press to switch the display to PIN OFF

Press to deactivate the PIN code system. DELETED appears, indicating that the PIN code system is deactivated

# If you have forgotten your PIN code

The cue PIN \_ \_ \_ is displayed

PIN \_ \_ \_ \_

Keep pressed down for 3 seconds to open for master code input

Key in the five-digit Master code. PIN \*\*\*\* DELETED appears, indicating that NEW PIN ? the PIN code system is deactivated and the set is ready

for use

DELETED

**STOP** 

0 - 9

PIN \_ \_ \_

PIN OFF

DELETED

# **Customise Beo4**

AUDIO1, select BASIC instead.

If you already have a Beo4 remote control, it is possible to reconfigure it for use with your music system.

You can also add extra 'buttons' to Beo4 which can then be called up by pressing the LIST button. You can rearrange the order in which the extra 'buttons', that you yourself have added and the ones that were already present, appear when you press LIST.

When you add a 'button', you can choose where to place it in the list of extra 'buttons' in Beo4. Extra 'buttons' can also be deleted again.

Configure Beo4		Add an extra 'button'	
Press and hold the standby button down	•	Press and hold the standby button down	•
Press to get access to the Beo4 setup function	LIST	Press to get access to the Beo4 setup function	LIST
Now, let go of both buttons. ADD? appears in the display	ADD?	Now, let go of both buttons. ADD? appears in the display	ADD?
Press repeatedly until CONFIG?  appears in the display	CONFIG?	Press to call up the list of available 'buttons' to add from. The first 'button' appears in the	GO
Press to be able to select the type of configuration	GO	display, it flashes on and off  Press to move forwards or	
Press repeatedly until AUDIO?  appears in the display	LIST AUDIO?	backwards in the list of all extra 'buttons'	<b>*</b>
Press to get access to the audio configuration	GO	Press to add and place the 'button' on its preset position or as the first 'button' in the list,	GO
Press repeatedly until AUDIO1 I appears in the display*	AUDIO1	Or	
Press to store the configuration	GO	Press to insert the 'button' at a specific position in the list	1 – 9
STORED appears to indicate that the configuration has been stored. You leave the Beo4 setup function automatically  *If the audio configuration does not	STORED	ADDED appears to indicate that the 'button' has been added, and you leave the Beo4 setup function automatically	ADDED

### Move extra 'buttons'

Press and hold the standby button down

Press to get access to the Beo4 setup function

LIST

LIST

GO

GO

1 – 9

MOVED

ADD?

MOVE?

Now, let go of both buttons. ADD? appears in the display

Press repeatedly until MOVE? is displayed

Press to call up the list of extra 'buttons'. The first 'button' appears in the display

Press to move forwards or backwards in the list of extra 'buttons'

Press to move and place the displayed 'button' as the first in the list, or...

Press to move the 'button' to a specific position in the list. The subsequent 'buttons' move down the list

MOVED appears to indicate that the 'button' has been moved, and you leave the Beo4 setup function automatically

### Remove extra 'buttons'

Press and hold the standby button down

Press to get access to the Beo4 setup function

Now let go of both buttons. ADD? appears in the display

Press repeatedly until REMOVE? is displayed

Press to call up the list of extra 'buttons'. The first 'button' appears in the display

Press to move forwards or backwards in the list of extra 'buttons'

Press to remove the displayed 'button'

REMOVED appears to indicate that the 'button' has been removed, and you leave the Beo4 setup function automatically •

LIST

ADD?

REMOVE?

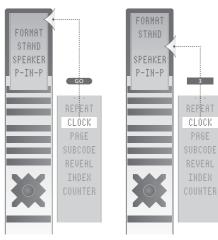
GO

•

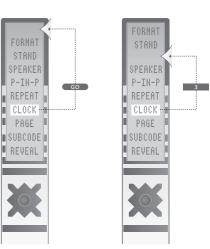
•

GO

REMOVED



Add an extra 'button' to Beo4



Move extra 'buttons'.

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# For your information...

Your needs as a user are given careful consideration during the design and development process of a Bang & Olufsen product and we strive to make our products easy and comfortable to operate.

Therefore, we hope that you will take the time to tell us about your experiences with your Bang & Olufsen product. Anything which you consider important - positive or negative - may help us in our efforts to refine our products.

### Thank you!

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Technical specifications, features and the use thereof are subject to change without notice.



This product fulfils the conditions stated in the EEU directives 89/336 and 73/23.



The black and yellow label on the compact disc player serves as a warning that the apparatus contains a laser system and is classified as a class 1 laser product. In case any difficulties arise with the compact disc player, please contact a Bang & Olufsen retailer. The apparatus must be opened by qualified service personnel only.



CAUTION: The use of any controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.

Bang & Olufsen cannot be held liable for any loss of data due to hard disc breakdown.

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