BeoSound 2000 is a fascinatingly small yet amazingly powerful music system with built-in speakers and three integrated audio sources: CD player, radio and tape recorder. 1

BeoSound 2000 unites it all in a very elegant and individualistic design, which makes the system easy to fit in wherever you want music - either standing in its base, or hanging on the wall in the specially designed wall bracket.

The magic glass door, which slides open whenever you approach the system, combined with easy and convenient operation of the music sources, makes the BeoSound 2000 music system a pleasure to operate and great fun to play. This user's guide explains the functions offered by the BeoSound 2000 music system, and how they are operated on the system.

Remote operation using the Beo4 remote control is also possible. See how on pages 28 - 30.

Complete setting-up and maintenance instructions are found in the separate settingup guide, which is also enclosed with the system.

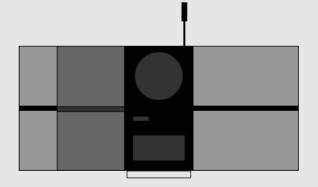
Note: The Beo4 remote control, a wall bracket for hanging your BeoSound 2000 on the wall, and a carrying handle which doubles as an active FM antenna for the system are all available as optional extras at your Bang & Olufsen dealer.

- 4 An invitation to play
- 6 Principles of operation
- 8 Buttons and display
- 10 Using the radio
- 11 Tuning in to radio stations
- 12 Storing your radio programs Let the system tune in for you
- 14 Using the CD player
- 15 Switching displays Playing tracks in random order
- 16 Using the tape recorder
- 17 Finding tracks or counter positions Noise reduction
- 18 Instant recording on tape
- 19 Recording a specific track on a CD Cancelling your recording
- 20 Automatic tape reverse function
- 21 Using auxiliary sources
- 22 Sound adjustment
- 24 Stop Timer
- 25 BeoSound 2000 displays
- 26 Remote control

Whenever you approach the BeoSound 2000, the glass door slides open, and all the relevant buttons light up in red. You are invited in to play!

Pressing a red button makes the system respond - either by carrying out your instruction, or by making another set of buttons available to you - or both.

In this way, the BeoSound 2000 engages you in a playful conversation about its music sources: the CD player, the radio, or the tape recorder. Note: The next page shows the four operational stages in which you may find your BeoSound 2000 music system.



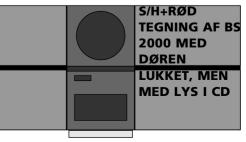
STOR SORT/HVID + RØD TEGNING - BEOSYSTEM 2000 med døren der åbner sig, og lyset i knapperne der tændes (RADIO, CD, TAPE, AUX, LOAD, •) + <u>lys i dioden i displayet</u> OBS: samme tegning (af produktet/situationen) som tegning nr. 2 på næste side. Her blot større !

-SE DAMs ILLUSTRATION (BS2000 UG..)!

4

The BeoSound 2000 system is switched to stand-by, but it will respond to a brief wave of your hand.	S/H+RØD TEGNING AF HELT MØRKT BS 2000 - KUN MED LYS I STAND-BY KNAPPEN(se DAMs illu BS2000 UG)!
When you approach the system, it opens up to you, and the four source buttons light up - inviting you in to play!	S/H+RØD TENING AF BS 2000 M. DØREN ÅBEN OG MED LYS I: RADIO, CD, TAPE, AUX, LOAD, • OG I DIODEN I DISPLAYET(se DAM illu
Now, try pressing one of the source buttons. The source starts playing, and the system offers you all the relevant buttons for that source (here the CD player).	BATHREDUG)! TEGNING AF BS 2000 M. DØREN ÅREN OG MED LYS SOM VIST PÅ BILAG(se DAMs illu BS2000 UG)!
If you leave the BeoSound 2000 to enjoy the music,	S/H+RØD

- If you leave the BeoSound 2000 to enjoy the music, the glass door closes, and the lights go out.
- Only the source button and the display remain lit keeping you informed about the source playing.



The three sources...

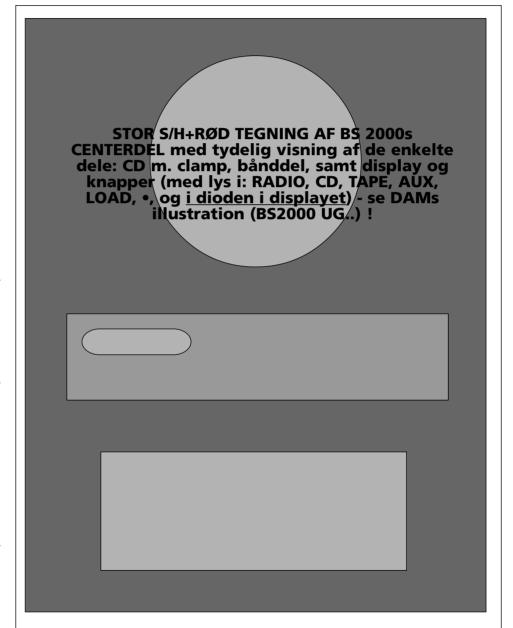
Whenever you approach the BeoSound 2000, the glass door slides open, and all the relevant buttons light up with an invitation for you to play one of the music sources: the CD player, the radio, or the tape recorder...

The top section of the system holds the tray for compact discs. The compact disc is kept in place by a clamp, which can be raised and lowered by pressing the LOAD button (top right-hand button).

The BeoSound 2000 radio only becomes visible when it is being used. You will see all the buttons for radio operation light up, and - with a P - the display indicates that a radio program is playing.

The middle-section of the system contains the display and all the buttons you need for operating the system. For further information, see pages 8 - 9.

The bottom section is for tape cassettes. The tape recorder adjusts automatically to the type of tape you are using: ferro or chrome.



S/H TEGNING AF ILÆGNING AF CD - se DAMs illustration (BS2000 UG..)!

Loading a CD

Pressing the LOAD button raises the clamp which holds the CD in place. You can then remove any CD from the compartment and load the one you want to play.

Always load the CD with the text side facing you!

Raises and lowers the clamp which holds the CD in place



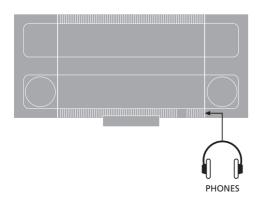
S/H TEGNING AF ILÆGNING AF BÅND se DAMs illustration (BS2000 UG..) ! Pressing LOAD again lowers the clamp. You may also press the CD button to lower the clamp and start playing the CD at once.

Loading a tape

The tape cassette must be loaded with the tape slot facing downwards. Insert the top section of the cassette first; then push in the bottom half of the cassette until it is properly seated in the compartment.

To unload the tape, grip the sides of the cassette - a little below the middle - and gently, but firmly, pull it outwards.

Headphones



Headphone socket

The headphone socket is placed on the back of BeoSound 2000, as illustrated to the left.

Once you connect your headphones to BeoSound 2000, the sound from the built-in BeoSound 2000 speakers is muted. The sound from the speakers is then demuted when you disconnect your headphones.

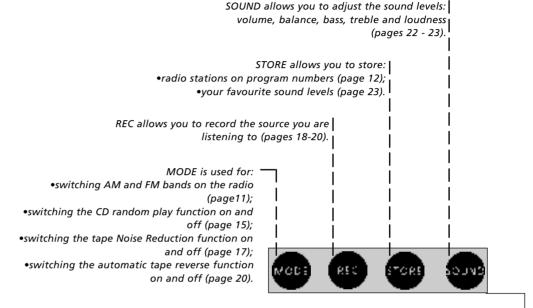
B > Principles of operation

Buttons and display

Pressing a red button makes the BeoSound 2000 respond - either by carrying out your instruction, or by making another set of buttons available to you - or both.

The display and the red buttons guide you through any operation you may wish to carry out, engaging you in a playful conversation about the music sources.

These pages show what the display and each of the 26 buttons are used for...





The display keeps you informed about what the system is doing and about any ongoing operation. See the displays throughout this guide and on page 25.





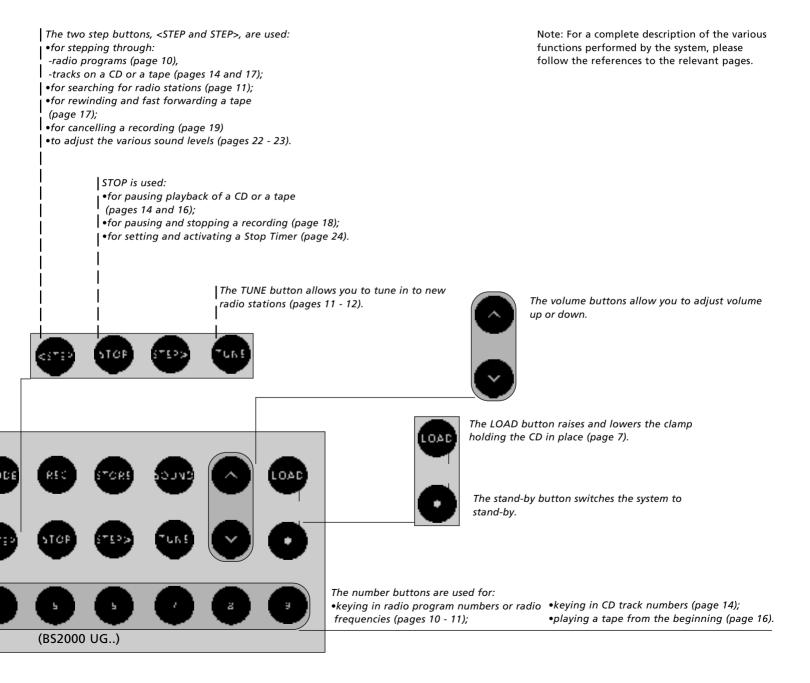


SE DAMs ILLUSTRATIONER!!

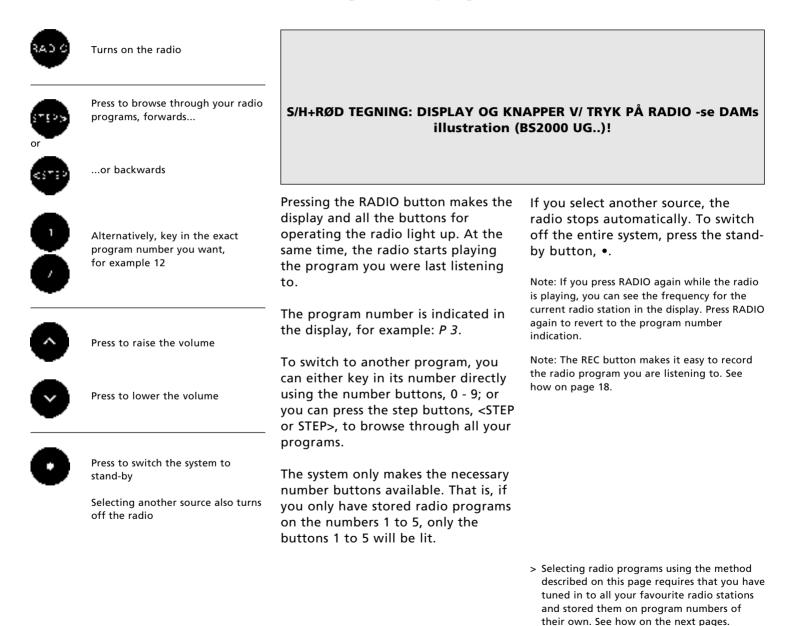


The source buttons switch on the source you wish to listen to:

- •RADIO turns on the radio (pages 10 13);
- •CD starts the CD player (pages 14 15);
- •TAPE starts the tape recorder (pages 16 20);
- •AUX plays any auxiliary source (page 21).



Listening to radio programs



Tuning in to radio stations

Whenever you turn on the radio, the TUNE button lights up. TUNE is the key to the tuning function in the BeoSound 2000 radio.

When you press TUNE, the buttons on the system change, so that only the buttons necessary for tuning in to radio stations become available.

There are three ways of tuning in to radio stations:

- You can make the system do all the work for you (see how on page 12).
- You can let the system search for stations by pressing TUNE then STEP> or <STEP.
- Or, if you know a station's exact frequency number, you can key it in directly by pressing TUNE then the number, using the number buttons.

The display shows the station's frequency number as you go along.

When you have found the station you want, and you are hearing it clearly in the loudspeakers, you can store it on a program number of its own (see how on page 12).

Note: If you have keyed in a false frequency, the system automatically returns to the radio program you were last listening to.

Switching AM/FM bands

In some markets, BeoSound 2000 music systems are sold which make tuning available in both the AM and FM bands.

To switch from FM to AM or vice versa, press TUNE then MODE.

Turn on the radio

Press to make the system search for a station

then

Searches up the frequency band



Searches down the frequency band

The radio stops automatically at the first station producing an acceptable signal

If this is not the station you want, press the step button again to search for another

Alternatively, key in the exact frequency for the station you want, for example 87.5 MHz

Note: Proper FM or AM antenna must be connected to the BeoSound 2000 in order to pick up the radio stations in your area. See the setting-up guide for information about antenna connections.

A special carrying handle with an active FM antenna is available as an optional extra for the BeoSound 2000. Your Bang & Olufsen dealer has all the details! Press to switch from FM to AM, or



then

The display changes to show the lowest frequency in the new band

11

Storing your radio programs

Tune in to the FM or AM station you want, then...



Press to make the system ready for storing the station



Key in the number you want for the station, for example 12





the station on the program

You may now start tuning in to the next radio station (see page 11)

Press STORE again to finally store

You can store 30 different radio stations on program numbers of their own in the BeoSound 2000 radio. This enables you to access your favourite radio stations directly, simply by keying in a number.

Once you have tuned in to the station you want, and you are hearing it clearly in the loudspeakers, you can store it on a number of your own choice: Press STORE, then key in the number you want (1-30), and press STORE again.

When you have stored the station, press TUNE to continue tuning in to the next radio station you want... Note: When you press STORE the first time, the display automatically offers you a vacant program number for the new station. If the number suits you, you need not key in another - just press STORE again.

The number may also indicate that the station you have found has already been stored - on the number shown.

When the number stops blinking, the program has been stored.

Note: If you wish to erase a program from its program number, press TUNE, then STORE, 0, STORE while you are listening to the program.



Turn on the radio



then

Press to make the system tune in – and store all the radio stations in your area



(Press for 2 seconds)

Let the system tune in for you

You may also let the system find all the radio stations available in your area, and store them on program numbers of their own automatically.

To do so, just turn on the radio and press TUNE, then press the STORE button for 2 seconds.

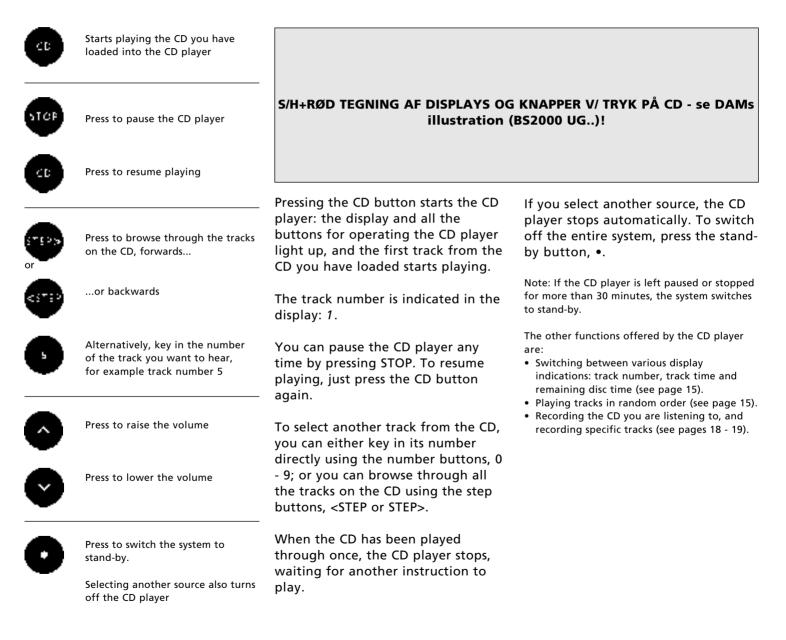
The system finds all the stations available in the FM band in your area and stores them on program numbers from 1 to 30.

Note: This tuning method is only available in the FM band.

List the radio stations you have stored here:

1	16
2	17
3	18
4	19
5	20
6	
7	
8	23
9	
10	25
11	
12	
13	
14	29
15	

Playing a CD



Switching displays



The CD player is playing track number 12



The current track has been playing for 1 minute and 47 seconds (track time)



12 minutes and 38 seconds playing time remains on the CD (remaining disc time)

When you start playing a CD, the display always shows which track number is playing.

At any time, while the CD is playing, you can change the indication in the display by pressing the CD button. The display then changes - first into showing the track time, then into showing the remaining disc time (minutes and seconds).

If you press CD a third time, the display reverts to showing the track number.

Press while the CD is playing to change the display indication - from track number to track time

Press again to change the display indication - from track time to remaining disc time

Press a third time to revert to the original track number indication



Playing tracks in random order



The CD random play function is switched off - the indication in the display is blinking



The CD random play function is active - the indication in the display is rotating

Note: The display reverts to showing track number or track time. While playing tracks in random order, it cannot be set to showing remaining disc time.

Pressing the MODE button twice, while the CD is playing, makes the CD player play all the tracks on the CD in random order.

If you wish to cancel your random play instruction, simply press MODE again - twice. Switching off the CD player also cancels the random play function.

Note: You can always skip the track you are listening to by pressing STEP>. The CD player then continues to the next random track.

Press while the CD is playing to see the current status in the display

'CD'

Press to cut the random play function in or out





Playing a tape

TAPE	Starts playing the tape you have loaded into the tape recorder Press 1 to start playing from the beginning of the tape		DISPLAY V/ TAPE TRYK - se DAMs	
"A ^{ai}	Press again for 2 seconds to "turn" the tape to start playing the other side	illustration (BS2000 UG)!		
STCP	Press to pause the tape recorder	Pressing the TAPE button starts the tape recorder. The display and all the buttons for operating the tape recorder light up, and the tape you	When the tape has been played through once (A and B side), the tape recorder stops, waiting for another instruction to play.	
*A99	Press to resume playing	have loaded starts playing. If you press 1 after starting the tape recorder, the tape is rewound to start	If you select another source, the tape recorder stops automatically. To switch off the entire system, press the stand-	
\bigcirc	Press to raise the volume	playing from the first track. You may of course "turn" the tape	by button, •. Note: If the tape recorder is left paused or stopped	
Ø	Press to lower the volume	any time. To do so, just press the TAPE button once more for 2 seconds, and the other side of the tape starts playing.	for more than 30 minutes, the system switches to stand-by. Note: When the tape is "turned" to play the B- side, this is indicated in the display with a dash before the counter indication: -000.	
0	Press to switch the system to stand-by Selecting another source also turns off the tape recorder	The counter position is indicated in the display, counting from 000 whenever you start playing a new tape, and when the tape is "turned". You can pause the tape recorder at any point by pressing STOP. To resume playing, just press TAPE again.	 The other functions offered by the tape recorder are: Finding specific tracks or counter positions on the tape (see page 17). Noise reduction (see page 17). Recording on tape (see pages 18 - 19). Automatic tape reverse function (see page 20). 	

Finding tracks or counter positions on the tape

While the tape recorder is playing, you can make it find the next track simply by pressing the step button, STEP>.

Or, you can make it play the current track again by pressing <STEP once. Press <STEP again if you want to hear the previous track.

Pressing the step button several times makes the tape recorder search forwards or backwards for as many tracks as you specify. You can also rewind or fast forward the tape to a specific counter position.

To do so, you must first pause the tape recorder by pressing STOP. While the tape is paused, press <STEP or STEP> to rewind or fast forward the tape.

When you reach the position you want, press STOP to pause the tape recorder; or press TAPE to start playing the tape directly.

Press to step to the next track on the tape

Press to play the current track again

Press <STEP twice to play the previous track

Press to pause the tape recorder

Rewinds the tape

Fast forwards the tape

Press to stop winding and resume playing

Noise reduction



The display glows steadily when noise reduction is ON, and blinks when it is OFF

Note: The noise reduction system is automatically reset to ON during recording.

The noise reduction system is set to ON from the factory. If you wish to change this setup, you may do so by pressing the MODE button.

The display then shows the current noise reduction state: glowing steadily for ON, blinking for OFF.

Press MODE again to change from ON to OFF, or vice versa.

Press to see the current noise reduction state

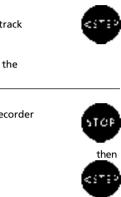
Press again to change from ON to

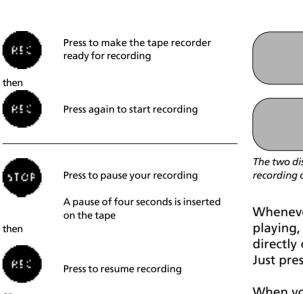
OFF, or vice versa



ΞÞ.









Press again to stop recording completely





The two displays blink alternately to indicate a recording of, for example, a CD track number

Whenever the BeoSound 2000 is playing, you can start recording directly on the tape you have loaded. Just press the REC button twice.

When you press REC the first time, the tape recorder gets ready for recording. The buttons necessary for recording light up, and the display indicates that the system is ready by, alternately, displaying *REC* and then the number of the radio program or CD track you are listening to.

Press REC again, and recording starts immediately.

You can pause your recording any time by pressing STOP. The tape recorder automatically makes a pause of four seconds on the tape.

Then press REC again to resume recording; or press STOP once more to turn off the tape recorder.

Note: To record a CD from the beginning start the CD player, then open the CD clamp by pressing LOAD, and load the CD you wish to record. While the CD clamp is still open, press REC, REC: The clamp closes, recording starts, and the CD starts playing from the first track.

Note: The REC button only becomes available if there is a tape in the tape recorder - and provided the tape is not record protected.

```
> See the next few pages for further information
about recording and the automatic tape reverse
function.
```

Instant recording on tape

Recording a specific track on a CD

The system also allows you to start recording from a specific track on a CD.

Press STOP to pause the CD player. Then press the REC button and key in the track number you wish to record, using either the number buttons, 0 - 9, or the step buttons, <STEP or STEP>. The track number is indicated in the display. When you press REC again, the tape recorder starts recording from the beginning of the CD track you have chosen to start from.

To pause or stop recording, just press the STOP button once or twice.



Cancelling your recording

If you regret your recording, simply press the step button, <STEP, while recording is in progress.

Recording is stopped, and the tape is rewound approximately to the spot where your recording started.

When you have found the exact spot, you may either stop the tape recorder altogether, by pressing STOP; or resume recording, by pressing REC. Note: We recommend that you listen-in on the tape to find the exact spot before you resume recording.

Note: If you wish to erase a recording, you may do so by pressing TAPE, STOP then REC, REC. As no source other than the tape recorder is active, nothing is recorded on the tape. Press, while recording is in progress, to cancel your recording and return approximately to the spot where it started



Automatic tape reverse function



Make the tape recorder ready for recording

Press to see the current automatic tape reverse setting



then



Press again to change from ON to OFF, or vice versa



The display shows the current automatic tape reverse setting - glowing steadily for ON; blinking for OFF

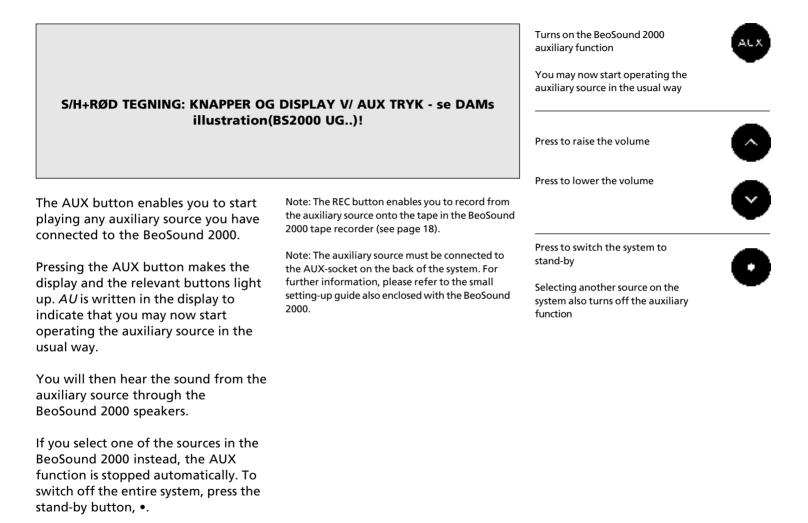
The BeoSound 2000 tape recorder always plays through the entire tape (A and B side) before stopping.

This automatic tape reverse function can of course be switched off during recording so that your recording is only made on one side of the tape at the time. After pressing the REC button to start recording, press the MODE button. A tape reverse symbol appears in the display to indicate the current setting glowing steadily for ON; blinking for OFF.

Press MODE again to change from ON to OFF, or vice versa.

Note: You may, of course, leave the automatic tape reverse function ON so that your recording is made on both sides of the tape you have loaded - if required.

Playing auxiliary sources



Adjusting the sound levels

Press repeatedly until the sound cue you want is displayed

Then adjust the sound level to your liking...

then



Raises the sound levels; increases the sound in the right speaker; or cuts the loudness function in



or

Lowers the sound levels; increases the sound in the left speaker; or cuts the loudness function out The SOUND button enables you to adjust the sound coming out of the BeoSound 2000 speakers.

You can adjust the bass and treble levels to suit your personal taste; you can alter the balance between the left and right speakers to direct the sound towards your favourite listening position; and you can cut the loudness function in or out, as you like.

Each time you press the SOUND button, a cue appears in the display, indicating which adjustment can be made, and showing the current setting.

See the next page if you want to store your new sound levels. If you don't, the adjusted levels will be reset to their original values when the system is switched to stand-by.

Note: To adjust volume you need not press the SOUND button first. Simply press the volume buttons, **A** and **V**.



The display shows the current volume level. Volume can be adjusted in steps of two within a range of 00 to 72 using the volume buttons, **A** and **V**.



The display shows the current balance setting here neutral. Balance can be adjusted within a range of 6 to either side.



The display shows the current bass level - here neutral. Bass can be adjusted within a range of -5 to +5.



The display shows the current treble level - here neutral. Treble can be adjusted within a range of - 5 to +5.



The display shows the current loudness setting - glowing steadily for ON, blinking for OFF.

Note: The loudness function is used to compensate for the human ear's lack of sensitivity to high and low frequencies when listening to low volume levels. It "boosts" the high and low frequencies so that the music becomes more dynamic. Note: The Beo4 remote control also enables you to silence the BeoSound 2000 speakers temporarily; and it enables you to reset your adjusted sound levels without switching off the system first. See how on pages 26 - 28.

Storing your new sound levels

You can store your adjusted sound levels so that the system switches on at e.g. a lower volume level; or e.g. so that it always plays with more or less bass or treble tone than stored from the factory.

All you have to do, to turn your adjustment into a permanent setting of the system, is press the STORE button when you have adjusted the various sound levels to your liking.

When you press STORE, the display starts blinking - asking you if you want to store the setting. Press STORE again to confirm that you do. Note: If the STORE button is not lit up in red, press SOUND again before pressing STORE twice.

Note: *All* the current sound levels will be stored simultaneously.

Adjust the sound levels to your liking, then...

.. press to start storing the levels

The display starts blinking

then

Press again to store the levels



Setting and activating a Stop Timer



Press to switch to radio



Press repeatedly to display desired of minutes for the Timer

The display reads out the number of minutes available

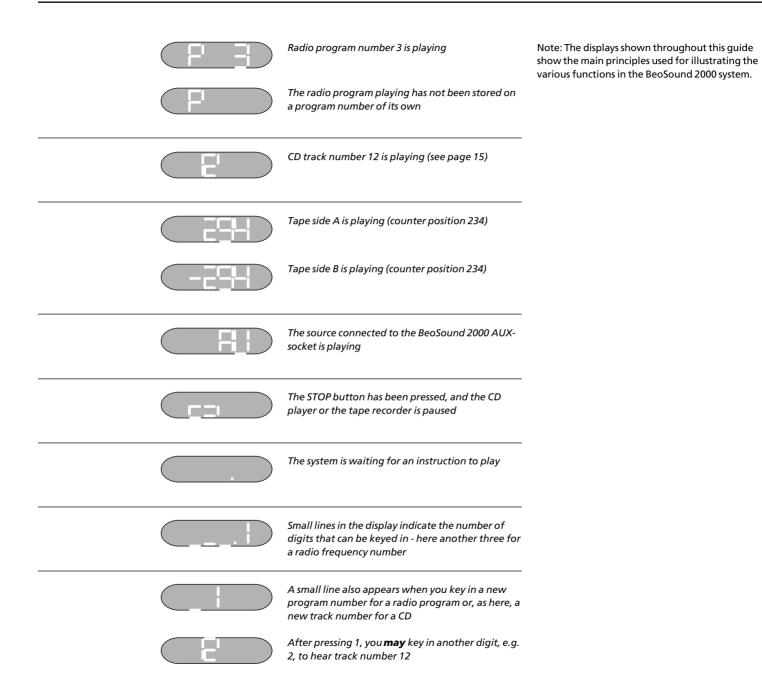
You can make BeoSound 2000 play the radio for a certain number of minutes and then switch to standby automatically. Via the STOP button on the BeoSound 2000, you can set and, at the same time, activate a Stop Timer for the radio.

You set the number of minutes – 00, 15, 30, 45, 60, 90, 120 – that you would like the system to continue playing before it switches to standby.

If you press any other button or switch to CD before the Timer has been set in BeoSound 2000, the Timer is cancelled. The Stop Timer is set when the display returns to the radio status display. If you press STOP while your Timer is being executed, you can set a new Stop Timer.

Note: The Stop Timer is not stored in your BeoSound 2000. You will have to set a new Stop Timer every time you wish to use the function.

BEOSOUND 2000 DISPLAYS



CONTROL REMOTE



Press to resume playing

Press to switch off

Using the Beo4

Although designed primarily for closeup operation, the BeoSound 2000 music system can also be operated from a distance.

The Beo4 remote control operates all the primary functions offered by the system such as switching on, selecting radio programs, selecting tracks on a CD or a tape, searching on Audio tape, pausing CD and Audio tape playback, recording onto Audio tape, adjusting sound, and switching off.

Nice to know...

At any time, while the BeoSound 2000 is playing, you can press the MENU button on Beo4 to illuminate the buttons briefly on the BeoSound 2000. If you press MENU twice, the button remain illuminated until you switch the system to standby - or until you press MENU again.

The Beo4 remote control is available as an optional extra for the BeoSound 2000 system at your Bang & Olufsen dealer.

RADIO



then

GO

Start recording...

Press to make the system ready for recording

Press to start recording

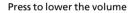
Press to pause the recording



RECORD

In order to stop recording completely, you must press the STOP button on the BeoSound 2000 twice or switch to standby...

Press to raise the volume



Press \land and \lor simultaneously to silence the speakers completely; press again to recall the sound



> See the next page for further information about sound adjustment with Beo4.

Press LIST repeatedly to reveal [A.SETUP]*

After pressing GO, [SOUND] is revealed...

then

LIST

GO

then

then or

LIST

GO then

or

 \rightarrow

then

Bass, Treble, or Loudness Press to adjust the individual

sound elements

Press LIST repeatedly to display

Repeat this procedure for the sound elements you want to adjust...

To adjust Balance... Press LIST repeatedly to reveal [SPEAKER]*

Press to adjust Balance

LIST then GO

then LIST then GO

Press LIST repeatedly to display [S.STORE] Press to store the adjustments

Then, store your adjustments... Press LIST to reveal [A.SETUP]*

Adjust sound with Beo4

You can adjust sound on BeoSound 2000 with the Beo4 remote control.

To adjust, you choose the relevant sound elements on the Beo4 and adjust them accordingly*. The actual adjustments you make are indicated in the BeoSound 2000 display.

*Note: In order to adjust sound and display [A.SETUP] and [SPEAKER] on Beo4, you must add the function to Beo4, please refer to the next page...

The Beo4 remote control is available as an optional extra for the BeoSound 2000 system at your Bang & Olufsen dealer.



Adding functions to Beo4 list of functions...

- Press and hold down the standby button on Beo4 while you press LIST to get access to the special Beo4 setup function and let go of both buttons at the same time. You are now in the setup mode.
- Then you press LIST to display [ADD?] and then GO to call up the list of cues you can add and the first cue appears on the display.
- Then, keep pressing LIST until the cue you want to add is displayed and then press GO to add it. When the cue in the Beo4 display stops flashing, it has been added.
- The addition has now been completed, press EXIT to leave the Beo4 setup function.

Note: To be able to play any auxiliary source connected to the BeoSound 2000 AUX-socket, you must first add [A.AUX] to Beo4, then, press LIST on Beo4 to find [A.AUX] in the Beo4 display, then press GO.

Date purchased
Contact person
Dealer
Telephone
Address
Record your serial numbers here:
BeoSound 2000
Beo4 remote control

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 therefore hope that you will take time to drop us a line, telling us about your experiences with your Bang & Olufsen system. Anything which you consider important – positive or negative – may help us in our constant efforts to refine our products. Thank you! Please <u>write</u> to:

Customer information dept.7240 Bang & Olufsen a/s DK-7600 Struer Denmark