Guide

B&O

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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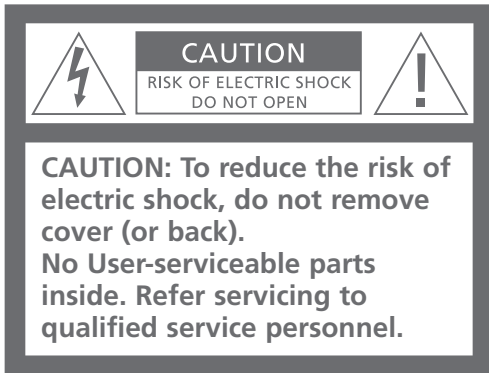No User-serviceable parts inside. Refer servicing to qualified service personnel.**

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.

Caution

To prevent electric shock, do not use the polarised plug on the BeoSystem 1 with an extension cord, receptacle, or other outlet, unless the blades can be fully inserted to prevent blade exposure.

Complete all the connections in your setup before connecting any appliance to the AC outlet. Note: Your BeoSystem 1 operates on a normal household current (120 volts, 60Hz) and has a polarised plug. Because one blade of the plug is wider than the other, the plug fits in the wall outlet only one way. Do not defeat the safety feature of this plug. If you need an extension, use a polarised cord.

Note to Cable-TV installer

This reminder is provided to call your attention to Article 820-22 of the National Electrical Code (Section 54 of Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

BeoSystem 1 – control, choice and performance

BeoSystem 1 gives you enjoyment of excellent picture and sound in a system that adapts to your needs.

BeoSystem 1 integrates audio and video and puts control of it all in your hand in the form of Beo4 – a remote control that exemplifies ease of use.

Beo4 gives you immediate access to all the entertainment sources in your home: TV and Satellite programmes, a DVD or CD player, a VCR, an audio cassette player or radio, all with one touch of a button.

BeoSystem 1 fits into any type of viewing or listening environment. Whether you prefer a plasma screen for family room viewing, or a projector for use in a Home Theatre environment, the choice is yours. Connect three sets of active BeoLab loudspeakers and a BeoLab 2 subwoofer for genuine surround sound.
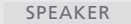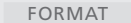
Contents of the Guide

This Guide provides all the relevant information about connection, setting-up and daily use of BeoSystem 1. This information is shown to the right.

The contents of the Guide are arranged in such a way that daily use of BeoSystem 1 is described first, followed by setting-up. In other words, the Guide presumes that your BeoSystem 1 has already been placed and set up for you. If this is not the case, please contact your Bang & Olufsen retailer.

For information about which products are compatible with BeoSystem 1, please refer to the enclosed Product List.

Key to using this guide
Use this Key to identify what a button, source or status display looks like in an instruction sequence:

TV   Buttons on the Beo4 remote
                  control

▬ ▬
▬ ▬
▲
◀ **GO** ▶
▼

TV 12   Display on the screen

SPEAKER   Displays on the Beo4 remote
FORMAT   control

Your key to using BeoSystem 1

The Beo4 remote control integrates remote operation of BeoSystem 1 with any supported source you choose to connect to your BeoSystem 1

Buttons on the Beo4 remote control

Look through the basic principles of the Beo4 remote control and try them out. Each button on Beo4 is explained below.

Switch on BeoSystem 1 and your TV channels	**TV**	
Switch on the BeoSystem 1 and your Satellite receiver to watch Satellite channels	**SAT**	
Switch on BeoSystem 1 and a connected VCR. Videotape playback starts at the same time	**V TAPE**	
Press twice to start a recording here and now	**RECORD**	
Press to activate closed captioning	**TEXT**	
The Beo4 display – shows the current source, TV, or extra sources or buttons called up via the LIST button	**TV** **FORMAT**	
Reveal more sources or functions in the Beo4 display, e.g. FORMAT	**LIST**	
Press once to pause VCR or DVD playback or pause a recording. Press again to stop paused playback or recording completely. Press to return to a previous on-screen menu	**STOP**	
Adjust volume – press the middle to mute the sound	∧ ∨	

RADIO **CD** **A TAPE**	Switch on radio, CD, or audio cassette (A TAPE) if these audio sources are available
DVD	Switch on BeoSystem 1 and a connected DVD player. DVD playback starts at the same time
LIGHT	Adjust the lights (if a light control system is installed)
0 – **9**	Select channels or enter data in on-screen menus
MENU	Call up a menu overlay to be able to operate a specific function for a source. Press again to call up the main on-screen menu
▲ ▼	Step between channels or e.g. tracks on a DVD or audio CD. Move up and down through on-screen menu options
◀◀ ▶▶	Rewind or fast forward a video cassette. View available settings in a fill-in menu
GO	Accept and store instructions or settings; resume paused playback or recording
▬▬ ▬▬ ▬▬ ▬▬	The coloured buttons give you access to different functions, depending on the source you have selected
EXIT	Exit on-screen menus
•	Switch BeoSystem 1 to standby

Displayed information and screen menus

Information about selected sources is displayed at the top left corner of your screen. On-screen menus allow you to switch on, adjust or switch off additional functions.

TV	A	12

SPEAKER	5

VOL	30
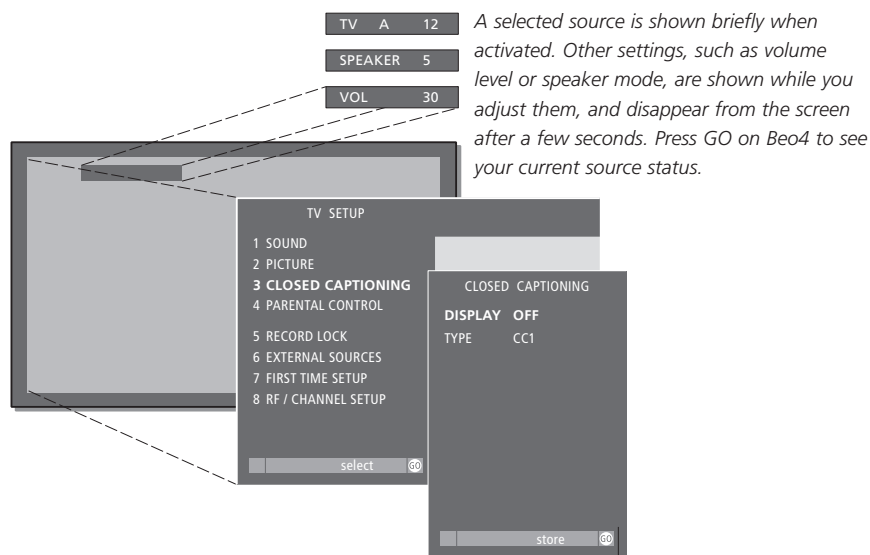
A selected source is shown briefly when activated. Other settings, such as volume level or speaker mode, are shown while you adjust them, and disappear from the screen after a few seconds. Press GO on Beo4 to see your current source status.

TV SETUP
1 SOUND
2 PICTURE
3 CLOSED CAPTIONING
4 PARENTAL CONTROL
5 RECORD LOCK
6 EXTERNAL SOURCES
7 FIRST TIME SETUP
8 RF / CHANNEL SETUP

select GO

CLOSED CAPTIONING
DISPLAY OFF
TYPE CC1

store GO

On-screen menus like those shown above will give you either a list of options to choose from or a list of settings to fill in.

TV SETUP
1 SOUND
2 PICTURE
3 CLOSED CAPTIONING
4 PARENTAL CONTROL
5 RECORD LOCK
6 EXTERNAL SOURCES
7 FIRST TIME SETUP
8 RF / CHANNEL SETUP

select GO

◀◀ ▶▶

CLOSED CAPTIONING
DISPLAY OFF
TYPE CC1

store GO

Option menu
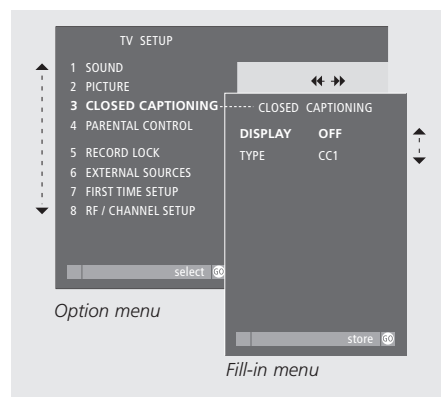
Fill-in menu

How to use option menus…

0 – 9	Press the number keys on Beo4 to select a numbered option on a list directly, or…
▼ ▲ GO	…press to move through the option menu, and press GO to enter your choice

How to use fill-in menus…

◀◀ ▶▶ ▲ ▼	Press ◀◀ and ▶▶ to view your choices for a single setting in a fill-in menu, or ▲ or ▼ to move from setting to setting
0 – 9	Press the number keys on Beo4 to enter numeric settings
GO	Press GO to enter your choice. SETTINGS STORED appears at the bottom of the screen

For both option and fill-in menus, press STOP to go back to a previous menu, or EXIT to leave all menus.

Watch TV or Satellite programmes

Switch on the TV or Satellite source of your choice and step through your channels.

If you watch your programmes via digital receivers or cable boxes, you can operate the available channels and services they may offer via the Beo4 remote control.

Specific menu overlays* are available for each of the receivers or boxes which are registered and compatible with BeoSystem 1. The menu overlays show the functions available, as well as the set of Beo4 buttons that give you access to those functions.

If you have connected a satelite receiver, you must register it in the EXTERNAL SOURCES menu. Please refer to *Register equipment connected to BeoSystem 1* for information about registering connected equipment.

Watch TV or SAT channels

Once you have selected your TV source and specific channel type, you can use Beo4 to step between the available channels or enter the channel number. To watch television channels received via Satellite, press SAT. To watch a specific Satellite channel, enter the channel number.

TV TV CABLE	Switch on TV channels
▲ ▼	Step through available TV channels one by one
SAT SAT	Switch on Satellite channels, if these are available in your setup
0 – 9	Use the number keys to select a specific channel. This applies to both TV and Satellite channels
•	Switch the system to standby

Selected functions for TV or SAT

Use the Beo4 remote control to operate selected functions via menu overlays. Each menu overlay is not explained in detail. The operations described below apply to all receivers or cable boxes, but the functions activated will vary.

TV TV STB	Press TV to switch on TV channels, or…
SAT SAT	…press SAT to call up your Satellite channels
MENU	Call up the menu overlay for the selected source
▬ ▬ ▬ ▬	Press a coloured button on Beo4 to activate a function shown in the menu overlay
0 – 9	Press the number keys to activate a numbered function or service in the menu overlay
▲ ▼ ◀◀ ▶▶	*In menus or services…* Move the cursor in the desired direction or to the desired option
0 – 9	Use the number keys to enter information in menus or services when relevant
GO	Select an option in a menu
EXIT	Return to watching television
•	Switch the system to standby

*NOTE! For further information about the menu overlays available for the different types of boxes, please refer to the enclosed Product List.

■	GUIDE
■	FAV
■	INFO
■	PREV CH
1	MOVIES
2	SPORTS
3	NEWS
4	ALL
5	MENU
6	LIST
7	SERVICES
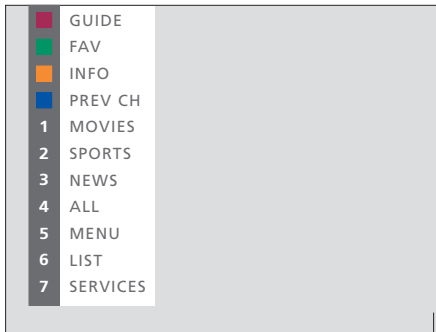
The menu overlay above is from a digital Satellite receiver and shows the functions and services available*. With the overlay on the screen, you can use your Beo4 remote control to operate the functions shown in the menu. The functions you activate via the coloured Beo4 buttons are available directly, without calling up the menu overlay first. Press MENU a second time to call up the BeoSystem 1 main setup menu.

*NOTE! For detailed instruction in the various functions offered by your set-top box or Satellite receiver, please refer to the user's guide enclosed with the product or box in question.

With Beo4, you can switch on and operate a VCR you have connected to BeoSystem 1 and registered in the EXTERNAL SOURCES menu*. All playback, wind, and stop functions can be operated with Beo4. Eject a video cassette via the close-up operation panel on the VCR.

A set of functions available for your VCR can be seen on a menu overlay that you call up on the screen. You can then operate these functions via Beo4.

With BeoSystem 1 and Beo4, you can make an instant recording of any source you choose.

A timed recording must either be preset via on-screen guides available with the source you wish to record from, or via the VCR's own menus. In the second case, the VCR's own remote control must be used. The *Record lock* function can help ensure that a signal is available between the source and the VCR when the timed recording is preset to take place.

Switching on and using a VCR

You can switch on your VCR, start and stop playback and search through a tape via a direct button on Beo4.

V TAPE	Press to switch on your VCR directly and start playback
◀◀ ▶▶	Rewind or fast forward through the cassette
STOP	Press to pause playback
GO	Press to resume playback, or…
STOP	…press to stop playback completely
•	Switch the BeoSystem 1 and the VCR to standby

If your VCR has an automatic standby feature that switches the VCR off when playback has been paused or stopped for a period of time, you can reactivate the VCR by pressing another source button on Beo4, such as TV, followed by V TAPE.

Selected VCR functions

Selected functions offered by your VCR can be operated via Beo4 and the menu overlay for your VCR. Call up the menu to see a list of the Beo4 buttons that activate VCR functions and services. The buttons described below apply to all VCRs, but the functions activated will vary.

V TAPE	Press to switch on your VCR
MENU	Press to call up the menu overlay
� colour buttons	Press a coloured button on Beo4 to activate a specific function shown in the menu overlay
0 – 9	Press the number keys indicated in the menu to call up the specific function or service
▲ ▼ ◀◀ ▶▶	*In menus or services…* Move a cursor up or down, left or right in the desired direction or to the desired option
0 – 9	Use the number keys to enter information in menus or services when relevant
GO	Press to select a menu option
EXIT	Press to return to VCR viewing

*NOTE! Please refer to *Register equipment connected to BeoSystem 1* for information about registering equipment in the EXTERNAL SOURCES menu.

Record here and now

You can make an immediate recording of a programme from any source or channel you choose. You can watch what you are recording, select another source, or switch BeoSystem 1 to standby – the recording just continues.

■	SLOW	
■	INPUT	
■	SAP/Hi-Fi	
■	ZERO/CA SKIP	
1	DISPLAY	
2	TAPE	
3	SPEED	

The Beo4 menu overlay is an example of the menu overlay for a VCR. This allows you to use the Beo4 remote control to operate some of the functions offered by the VCR*. You can also activate the functions attached to the coloured Beo4 buttons directly, without calling up the menu overlay first. Press MENU a second time to call up the BeoSystem 1 main setup menu.

While e.g. TV is switched on…

RECORD Press to be able to start a recording

RECORD Press again to start recording the programme currently being broadcast

RECORD When recording is initiated on BeoSystem 1, RECORD appears briefly on your screen

During recording you can…
SAT …switch to another source than the one being recorded, or…

• …switch BeoSystem 1 to standby – the recording continues

To return to your recording…
V TAPE Switch to the VCR

STOP Press to stop the recording completely

To ensure a successful recording, you must make sure that the VCR is set to the correct input. If you attempt to switch to another TV source while recording, then the RECORD indication appears on the screen.

*NOTE! For instruction in the various functions offered by your VCR, please refer to the VCR's own user's guide. For further information about overlay menus showing selected functions for your particular VCR, please refer to the enclosed Product List.

Record TV programmes from the VCR

The channels you wish to record must be stored in the VCR tuner, as well as in the BeoSystem 1 tuner*. The recording is controlled by the VCR. For further information about recording, please refer to the VCR's own user's guide.

V TAPE	Press to switch on the VCR
STOP	Pause the VCR, if necessary
RECORD	Press to be able to start a recording
RECORD RECORD	Press to start recording. RECORD is shown on the screen
•	*During recording you can…* …switch BeoSystem 1 to standby. The recording continues
V TAPE	Return to the recording
STOP	Press to stop the recording

Record lock a source

You can ensure that there is a signal between BeoSystem 1 and your VCR when you preset a timed recording via a Satellite receiver, a set-top box or equipment connected to the V AUX sockets on BeoSystem 1. Via the RECORD LOCK menu, you can lock the VCR on to the source you want to record from.

```
              TV  SETUP
1  SOUND
2  PICTURE
3  CLOSED CAPTIONING
4  PARENTAL CONTROL

5  RECORD LOCK ·············· RECORD  LOCK
6  EXTERNAL SOURCES
7  FIRST TIME SETUP        SOURCE LOCKED    SAT
8  RF / CHANNEL SETUP


                 select  GO




                                      store  GO
```
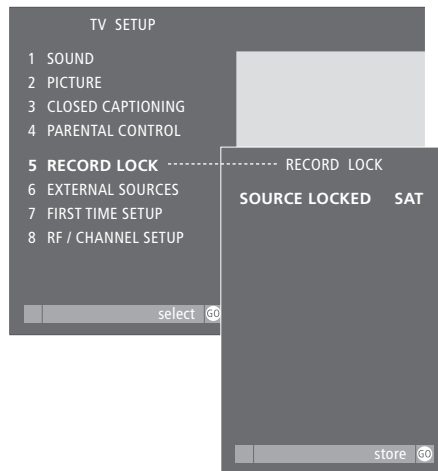
> Press **MENU** to call up the main TV SETUP menu.
> Press **5** to call up the RECORD LOCK menu.
> Use ◀◀ ▶▶ to select which source to lock – only available sources will appear.
> Press **GO** to store the source or input you have chosen.
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit on-screen menus.

*NOTE! To ensure that recording takes place, remember to set the input selector correctly on the VCR.

You can switch on and operate a connected DVD player with the Beo4 remote control, once the player has been registered in the BeoSystem 1 EXTERNAL SOURCES menu.

A subset of the functions which may be available for a particular DVD player* or available on a specific DVD disc can also be operated via Beo4 and a menu overlay which you call up on the screen.

For more information about how to register extra equipment in the EXTERNAL SOURCES menu, refer to *Register equipment connected to BeoSystem 1.*

Switching on and using a DVD player

You can switch on your DVD player directly with Beo4. You can play and pause the disc.

DVD	Press to switch on your DVD player and start playback of a disc
STOP	Pause playback
STOP	Stop paused playback completely, or…
GO	…resume playback
•	Switch BeoSystem 1 and the DVD player to standby

AUDIO
SUBTITLE
DISC MENU
DVD TOOL BAR

The Beo4 menu overlay shown above is an example of the menu overlay for a DVD player. The menu overlay allows you to use the Beo4 remote control to operate some of the functions offered by the DVD player. You can also activate the functions attached to the coloured Beo4 buttons directly, without calling up the menu overlay first. Press MENU a second time to call up the BeoSystem 1 main setup menu.

Selected DVD functions

Selected functions offered by a connected DVD player can be operated via Beo4 and the menu overlay for the DVD player. Call up the menu and find out which Beo4 buttons to press to gain access to DVD functions.

DVD	Press to switch on your DVD player and start playback
MENU	Call up the menu overlay
▬	Press a coloured button on Beo4 to activate a specific function shown in the menu overlay
0 – 9	Use the number keys indicated in the menu to activate the specific function or service
▲ ▼ ◀◀ ▶▶	*In menus or services…* Move the cursor up or down, left or right to highlight the desired option
0 – 9	Use the number keys to enter information in menus or services when relevant
GO	Press to select a menu option
EXIT	Press to return to DVD viewing
•	

*NOTE! For detailed instruction in the specific functions available for your DVD player, please refer to the DVD player's own user's guide. For further information about the Beo4 menu overlay for selected DVD functions and your specific DVD player, please refer to the enclosed Product List.

See two sources simultaneously

The Picture-in-Picture function allows you to watch two sources at the same time. One source, e.g. a TV channel, is shown in full size, and a second source is shown in a small window on the screen. You can insert e.g. VCR or DVD playback in the small window.

When you activate the Picture-in-Picture function, a small window is superimposed on the screen. You can move this window around on the screen, from one corner to another, or swap the source in the small window with the source shown in full size.

When the Picture-in-Picture function is activated, the sound always follows the source shown in full size, but buttons pressed on your Beo4 remote control affect the picture in the small window.

Picture-in-Picture

When Picture-in-Picture is switched on and a TV or Satellite source is shown in the small window on the screen, you can change channels for that source. If VCR is selected in the window, then you can play, cue or wind the cassette.

While e.g. TV is on…

LIST P-IN-P	Press LIST repeatedly until P-IN-P appears in the Beo4 display
SAT **V TAPE** **DVD**	Select which source to display in the small window*
	Operate this source with Beo4 as usual
0	Press to swap the sources

To move the inserted picture…

LIST P-IN-P	Press LIST repeatedly until P-IN-P appears in the Beo4 display
▬ ▬ ▬ ▬	Use the coloured buttons to move the picture to one of the corners of the screen
TV	To exit the P-IN-P function, press the source button that corresponds to the source shown in the main picture
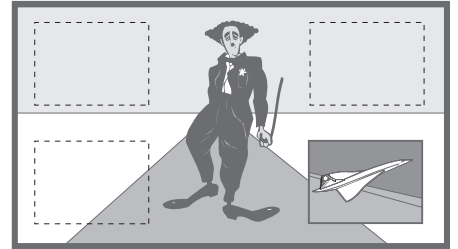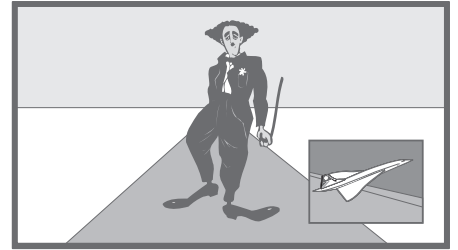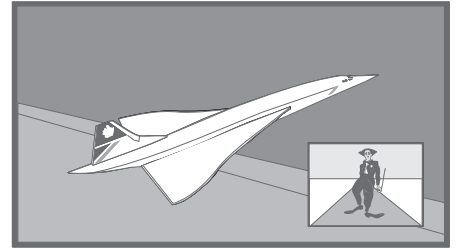
*NOTE! Do not choose the VCR as your Picture-in-Picture source if a recording is being executed on your VCR, as Picture-in-Picture may disrupt your recording. BeoSystem 1 will attempt to avoid the situation by making it impossible to activate the Picture-in-Picture function.

...

All that is required to use the BeoSystem 1 together with a Bang & Olufsen audio system is that the two are connected by a Master Link cable.

If you connect your BeoSystem 1 and a Bang & Olufsen audio system, you can listen to your audio sources, such as CD and radio, through the loud-speakers connected to BeoSystem 1.

If you expand your BeoLink system further with BeoLink loudspeakers in other rooms, you can listen to both video and audio sources throughout your home.

For further information about BeoLink systems, please contact your Bang & Olufsen retailer.

An audio/video setup

When BeoSystem 1 is set up with an audio system in a fully integrated AV system, the speakers are connected to the BeoSystem 1. All remote control operations (audio and video) must be directed to the BeoSystem 1, whereas you can operate the audio system close-up via its own operation panel. Please refer to the guide for the audio system for further information.

To play a source in the audio/video system…
> Press a single button on the remote control, e.g. **CD**, **RADIO**, **TV**, **V TAPE**, etc.
> Now operate the source as usual…
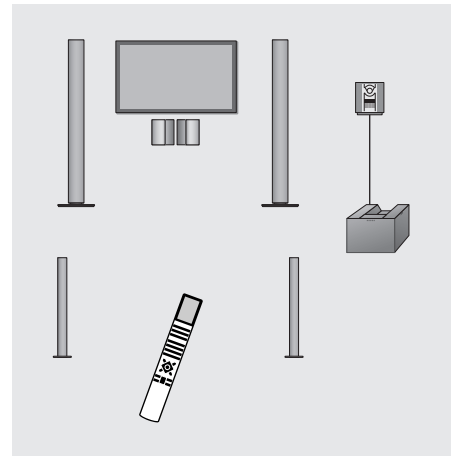
Use BeoSystem 1 in a link room

If you have BeoLink installed in your home and choose to place your BeoSystem 1 in a link room, you can operate all connected audio and video systems through the BeoSystem 1 and listen to the sound in the link room.

Link room operation

When you are in the link room, you can operate all connected systems with the Beo4 remote control.

Use sources only present in one of the rooms

RADIO	Press the button for the source
CD	you wish to listen to
SAT	
	Operate the selected source as usual

Use a source placed in the main room – the source type is present in both rooms

LIST	Press LIST repeatedly until LINK*
LINK	is shown in the Beo4 display
SAT	Press the button for the source you wish to listen to
	Operate the selected source as usual

Use a source placed in the link room – the source type is present in both rooms

SAT	Press the button for the source you wish to listen to
	Operate the selected source as usual

*To display LINK on your Beo4 remote control, you must first add it to the Beo4 list of functions. Refer to Beo4's own Guide for further information.
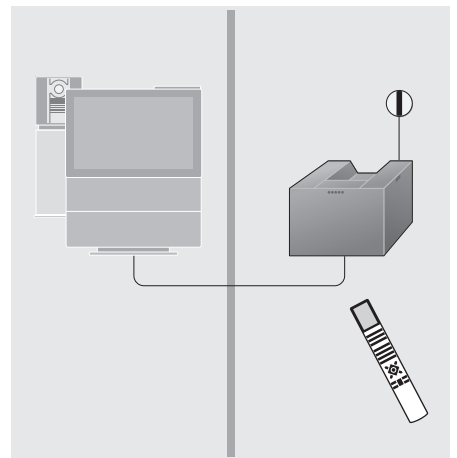
If you have connected BeoSystem 1 to a BeoVision 4 plasma screen, you can also connect a PC to both and gain access to the PC with your Beo4 remote control.

Connection and use

Connect the video signal to the BeoVision 4 plasma screen, and the audio signal to BeoSystem 1.
– Connect the video signal from the PC to the PC IN socket on BeoVision 4.
– Connect the audio signal to the L/R sockets on the close-up connection panel on BeoSystem 1. Alternatively, you can connect the audio signal to the RIGHT and LEFT sockets in the V AUX socket area on the rear connection panel on BeoSystem 1. *Refer to Connection panels on BeoSystem 1* for further information about the connection panels.

If you connect the sound signal to the V AUX socket area, you must register your PC in the EXTERNAL SOURCES menu. Please refer to 'Register equipment connected to BeoSystem 1'.

Use a connected PC…
– Press LIST on Beo4 until PC appears in the display*
– Press GO to select PC as your source

If you select PC as your source, you can not call up the BeoSystem 1 main menu on the screen without choosing another source first, such as TV. Note also that adjustment of brightness, colour, contrast or tint must be done via the PICTURE menu, and not via the PC. Refer to 'Adjust sound and picture settings' for further information.

Do not allow still pictures, such as computer images, to be displayed on the screen for an extended period of time, as this can cause a permanent after-image to remain on the screen.

The PC IN socket on the back of BeoVision 4 for connection of a video signal from a PC.

NOTE! In order to display PC on Beo4, you must first add this function to the Beo4 list of functions. Please refer to Beo4's own Guide for further information.

Set up your BeoSystem 1

We recommend that you follow the procedure described below when you set up your BeoSystem 1.

– Unpack the BeoSystem 1 and place it as described and illustrated to the right under *Handling your BeoSystem 1*;
– Consider the appropriate placement for your BeoSystem 1. Guidelines are included to the right under *Placing your BeoSystem 1*;
– Connect the cables*, additional equipment, and loudspeakers as described on pages 20–27.

Do not connect BeoSystem 1 to the mains until you have connected your screen, loudspeakers, and other equipment to BeoSystem 1!

For an overview of the connection panels on the top, front and rear of BeoSystem 1, please refer to *Connection panels on BeoSystem 1.*

Handling your BeoSystem 1

BeoSystem 1 has a set of recesses for lifting the system. The illustration shows the placement of each recess (A and B).

Placing your BeoSystem 1

There are several mounting options to choose from when placing your BeoSystem 1 in your home. Contact your Bang & Olufsen retailer to find out which option best suits your viewing environment.

■ Make sure that the BeoSystem 1 is set up, placed and connected in accordance with this guide.

■ The BeoSystem 1 is developed for indoor use in dry, domestic environments only, and for use within a temperature range of 50–105º F (10–40º C).

■ Do not place any items on top of BeoSystem 1.

■ Do not attempt to open the BeoSystem 1. Leave such operations to qualified service personnel.

Overview of connection panels

1 Close-up connection panel
2 Top connection panel
3 Rear connection panel
4 Mains connection

Do not attempt to lift the BeoSystem 1 holding on to any other parts of the system!
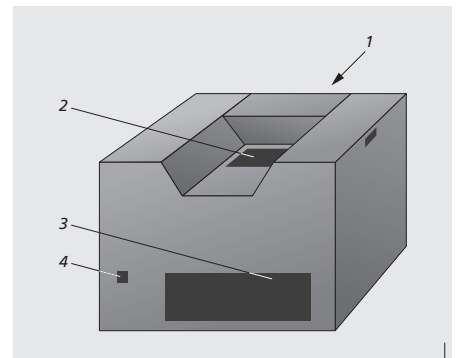
To ease the running of the cables and reduce the number of cables required for setting-up of BeoSystem 1, several cable management solutions are available. Contact your Bang & Olufsen retailer for further information.

*NOTE! The supplied mains lead and plug are specially designed for BeoSystem 1. If you change the plug or in any way damage the mains lead, it will affect the picture adversely.

To facilitate remote control operation of your BeoSystem 1 and all connected equipment, you must connect the IR receiver to BeoSystem 1.

The IR receiver is a kind of 'eye', which is cabable of receiving signals from your Beo4 remote control and sending them to BeoSystem 1. BeoSystem 1 then sends the appropriate control signals to your screen, projector or other connected equipment.

When mounting the IR receiver in a setup with a plasma screen, make sure to place the receiver on the same wall as the screen. If the IR receiver is placed incorrectly, the light emitted by the screen can impede remote control operation of BeoSystem 1!

To connect the IR receiver…
> Detach the IR receiver's rear cover (unscrew the two *(C)* screws and loosen the two *(D)* screws, then lift off the cover).
> Cut the included cable to the required length and strip the cable.
> Insert the cable end through the cable clamp *(E)* and connect the leads to the terminals inside the receiver in the order indicated. Tighten the clamp.
> Attach the rear cover and fasten the IR receiver to the wall as described below.
> Connect the cable to the IR RECEIVER socket on the BeoSystem 1 top connection panel.

To fasten the IR receiver to the wall…
> Using the wall bracket as a template, mark and drill two holes in the wall.
> Using the two screws and wall plugs supplied *(A)*, fasten the wall bracket to the wall.
> When you have mounted the receiver cable (as described above), hang the receiver on the wall bracket and then secure it with screw *(B)*.
> Fasten the cable to the wall and run it to the BeoSystem 1.
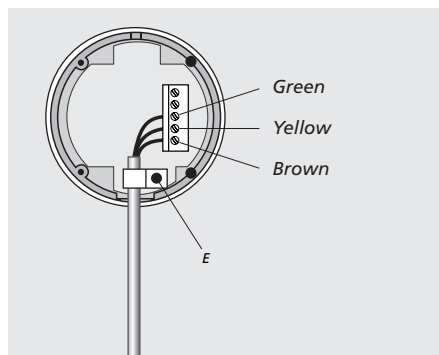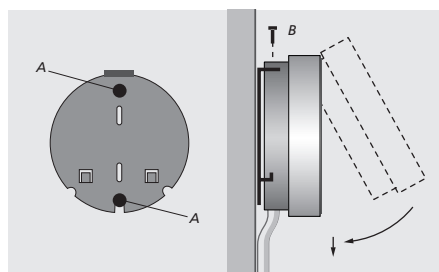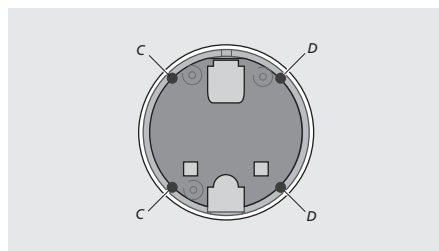
Connection panels on BeoSystem 1

Source signals and external equipment you wish to connect to BeoSystem 1 must be connected to the appropriate panel. Three separate panels are available:

– A close-up connection panel for connection of headphones or a CamCorder;
– A top panel with connections for RF antenna or cable A and B signal input, Master Link connection, an additional IR receiver, Digital TV input and connection of a plasma screen or projector;
– A rear connection panel on BeoSystem 1 is for connection of additional equipment. There are sockets for extra video sources, such as a VCR, DVD player, Satellite receiver or set-top box. Another group of sockets on the rear connection panel is intended for the connection of loudspeakers in a surround sound system. Finally, the rear socket panel contains a special socket for recording purposes, and low power IR transmitter connections (for a large screen projector and a RF cable box)*.

Refer to pages 20–21 for information about how to connect video signals.

PHONES   L   R   VIDEO   S-VHS
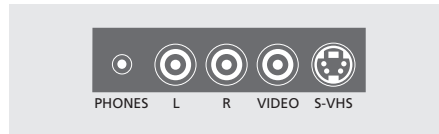
Close-up connection panel

The following sockets are available on the close-up connection panel:

PHONES
For connection of headphones.

L   R
For the audio/sound connection (Left and Right, respectively).

VIDEO
For the video/picture signal.

S-VHS
For connection of S-VHS or Hi-8 CamCorders only.

Top connection panel

The following sockets and areas are available on the BeoSystem 1 top connection panel:

RF IN A
For connection of an RF signal, input A.

MASTER LINK
For connection of a Bang & Olufsen audio system or for BeoLink distribution.

IR RECEIVER
BeoLink IR receiver enabling remote control operation of BeoSystem 1.

PROJ. OUT
For connection of a plasma screen or a large-screen projector.

PROJ. OUT   Y/G   DTV IN   Pr/R   H   Pb/B   V   IR RECEIVER   RF IN A   MASTER LINK
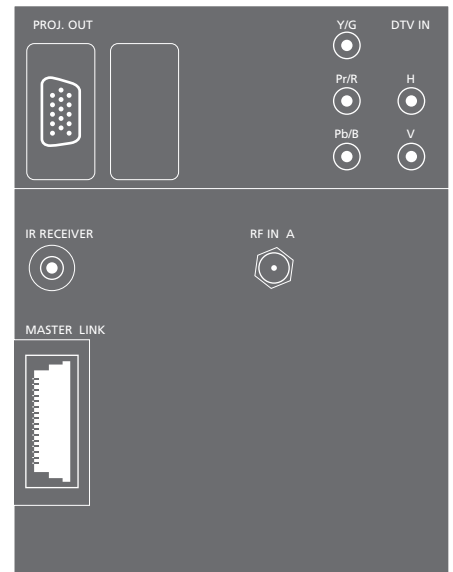
DTV IN
Five sockets are available for connection of component signals from e.g. a high Definition set-top box: Y/G, Pr/R, Pb/B, H and V.
• Sources with an RGB-type interface have to be connected to all 5 sockets.
• For Y, Pr, Pb-type interfaces, use the sockets Y/G, Pr/R and Pb/B – no connection should be made to the H and V sockets.
• If the DTV IN sockets are used, then make sure that the analogue sound outputs (RIGHT and LEFT) and the digital sound output (COAX or OPTICAL) from the set-top box are connected to the relevant sockets in the STB area on the rear connection panel. Also, make sure that the CTRL socket in the STB area is used for connecting the IR transmitter controlling the set-top box, if the box is included in the enclosed Product List.

*NOTE! The type of source you connect has to be registered in the EXTERNAL SOURCES menu. Please refer to *Register equipment connected to BeoSystem 1* for further instruction.
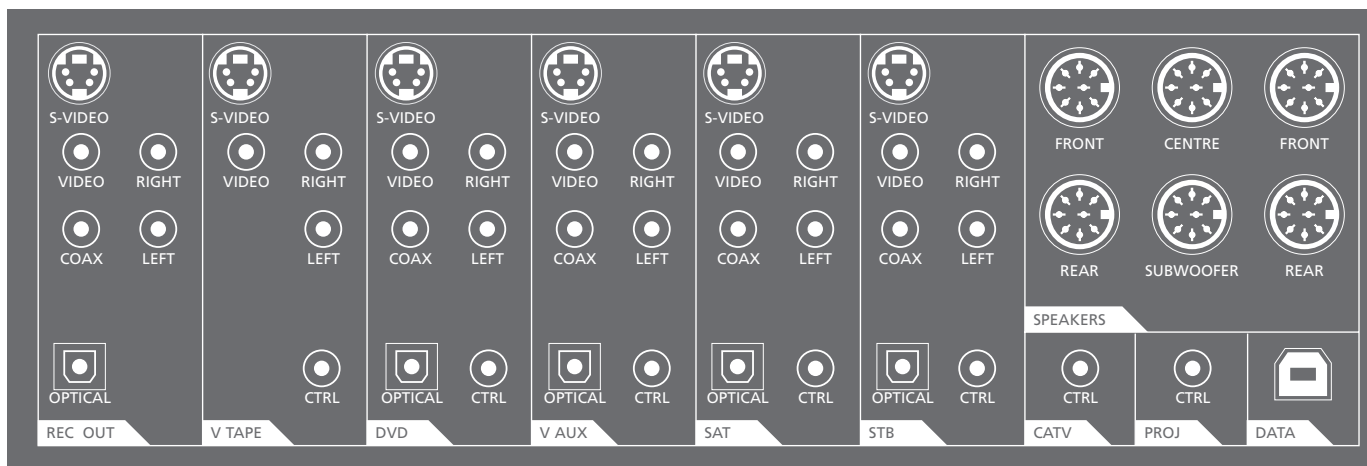
Rear connection panel

Each signal or source has a dedicated area containing the necessary sockets. The area V TAPE is for VCR connections, STB for set-top box connections, and so on.

Dedicated areas on the panel
REC OUT
For recording purposes.

We recommend that you use the sockets LEFT, RIGHT and VIDEO.

V TAPE
For connection of a Video Cassette Recorder (VCR).

DVD
For connection of a DVD player.

V AUX
For connection of auxiliary video equipment.

SAT
For connection of a Satellite receiver.

STB
For connection of a set-top box.

CATV
For connection of a Low-power IR transmitter. Use the CTRL socket to connect the IR transmitter from a cable box that uses an RF signal.

PROJ
For connection of a Low-power IR transmitter. Use the CTRL socket to connect the Low-power IR transmitter from various screen types.

SPEAKERS
For connection of surround sound loudspeakers.

DATA
For connection of a plasma screen supported by BeoSystem 1, or connection of a Home automation system with a projector.

Socket types which apply to some or all of the dedicated areas
CTRL
Intended for a Low-power IR transmitter. Enables Beo4 remote control of the connected equipment. Refer to the following pages for further information about Low-power IR transmitters.

OPTICAL
For digital sound input – optical cable.

COAX
For digital sound input via a co-axial cable.

The sockets OPTICAL and COAX are mutually exclusive. We recommend that you use the COAX socket.

VIDEO
For composite video input.

RIGHT, LEFT
For analogue sound input from the right and left sound channel respectively.

Always connect both the analogue and the digital sound input. Connect the sound inputs to the sockets RIGHT, LEFT and to either the COAX or the OPTICAL socket.

S-VIDEO
For S-Video video input, if relevant to the source.

The sockets VIDEO and S-VIDEO are mutually exclusive. We recommend that you use the S-VIDEO socket.

FRONT
DIN-socket for connection of front speakers, left and right speakers respectively. You can connect either front speaker to either socket.

CENTRE
DIN-socket for connection of centre speakers.

REAR
DIN-socket for connection of rear speakers, left and right speakers respectively. You can connect either rear speaker to either socket.

SUBWOOFER
DIN-socket for connection of a subwoofer unit.

Connect video signals

The following diagrams show how to connect your video signal sources: cable, RF antenna, and Satellite. Connection of additional equipment, such as a Video Cassette Recorder (VCR), DVD player etc., is also indicated on the diagrams.

The diagrams show 4 different setup examples. The diagrams identify the different connections and the sockets to be used on BeoSystem 1 to make the various connections.

Only the signal sources and cables are illustrated. Detailed instructions concerning the actual connections are not included.

For information about how to connect low-power IR transmitters, please refer to the opposite page. Refer to *Connection panels on BeoSystem 1* for information about where to connect external equipment to BeoSystem 1.
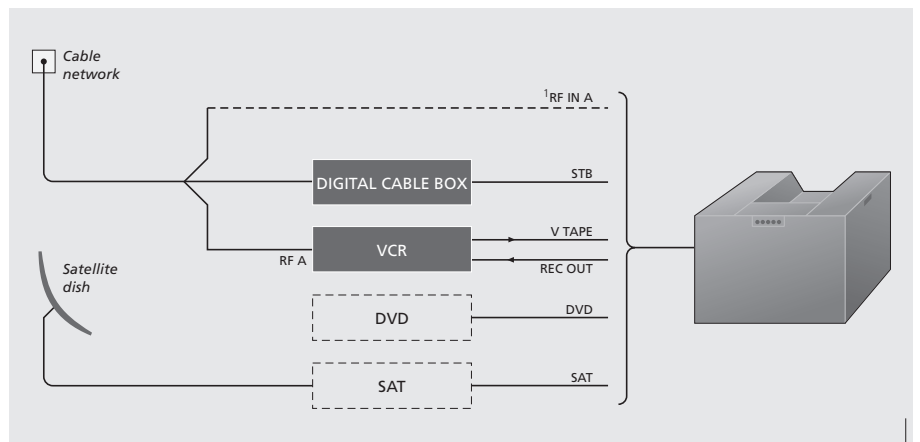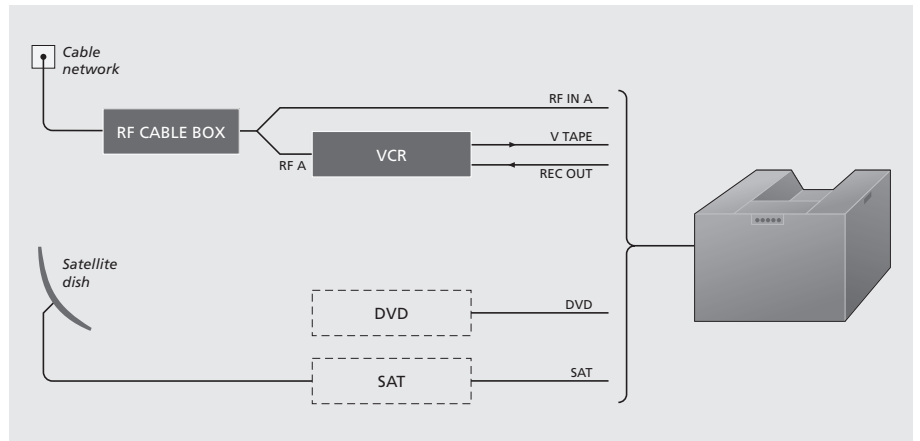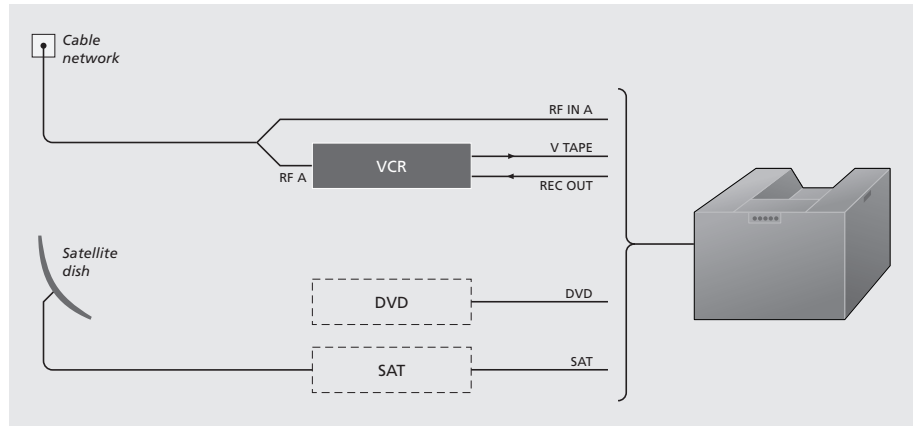
[1]If you split the signal from the cable network and make a second connection to the RF IN A socket on top of BeoSystem 1, then the picture quality of your uncoded signals will be improved.
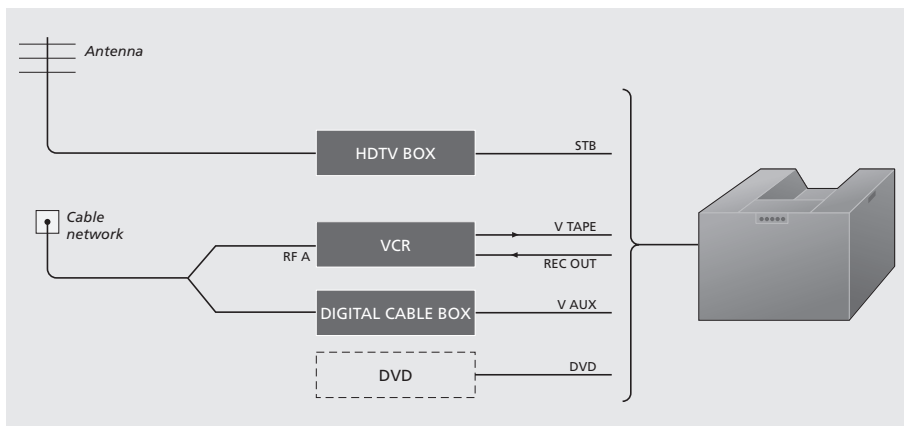
Connect IR transmitters

In order to operate non-Bang & Olufsen products with Beo4, you must connect a low-power IR transmitter to each of the products. Refer to the enclosed Product List to see which products are compatible with BeoSystem 1.

Each device has a dedicated connection area clearly marked on the BeoSystem 1 rear connection panel. Plug the device's IR transmitter into the corresponding socket marked CTRL. Mount the transmitters on the products. If you would like to be able to use the remote control delivered with the product, do not cover the product's own IR receiver completely.

Please refer to *Register equipment connected to BeoSystem 1* for information about how to register extra equipment, such as a DVD player.

Connect a screen to BeoSystem 1

BeoSystem 1 is intended for use with a plasma screen*. However, BeoSystem 1 supports the use of other types of screens, as well as the use of a front or rear projector.

You can also connect a Home automation system to your BeoSystem 1, and thereby control room lights and curtains when BeoSystem 1 is switched on or off.

The diagrams on the facing page show BeoSystem 1 in a setup with, respectively, a plasma screen, a projector and a Home automation system. Multiple screens cannot be connected at the same time.

The connections and sockets on BeoSystem 1 which should be used are illustrated in the diagrams.

IR RECEIVER

PROJ. OUT

IR / DATA

IR RECEIVER

PROJ - CTRL

PROJ. OUT

DATA
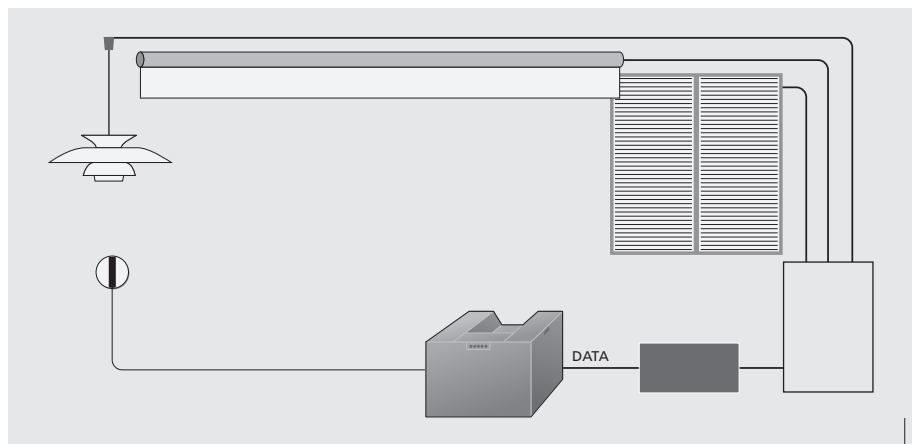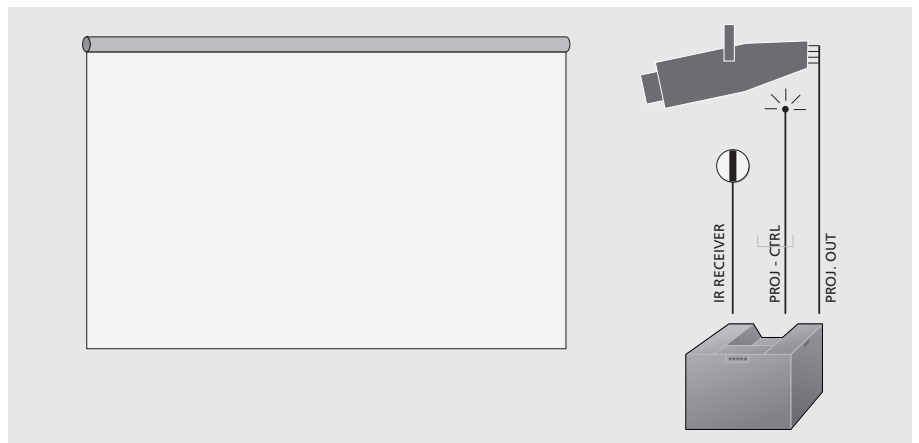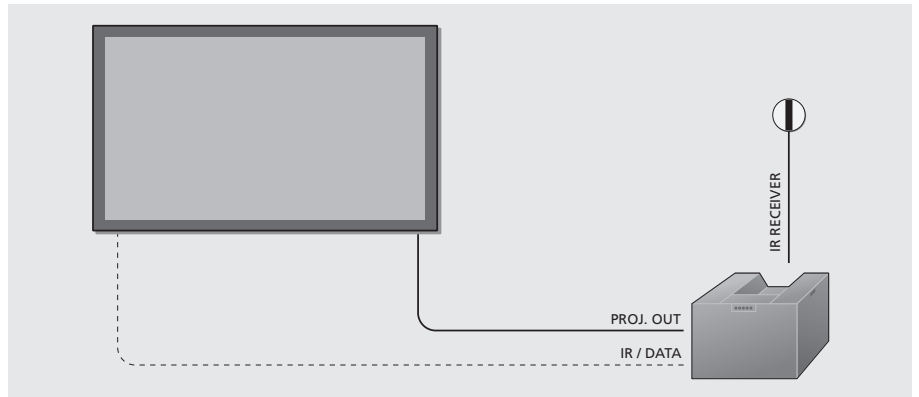
It is only possible to connect a Home automation system to your BeoSystem 1 in a setup with a front or rear projector.

*NOTE! If you intend to use BeoSystem 1 with a plasma screen, please refer to the screen's own manual for instruction in how to handle and place your screen.

Connect a plasma screen

The instructions below assume a setup with BeoSystem 1 and a plasma screen supported by Bang & Olufsen. Contact your Bang & Olufsen retailer for information about how to connect and use BeoSystem 1 with other screen types.

> Run the 15-pin plug end of the appropriate cable to the PROJ. OUT socket on the BeoSystem 1 top connection panel.
> Connect the plugs at the other end of the cable to the sockets on the plasma screen in the manner described in the screen's own user's guide.
> Connect the IR receiver to BeoSystem 1 as explained in *Connect the IR receiver*.
> If your plasma screen has an IR transmitter, please refer to *Connect video signals* for instruction in how to connect an IR transmitter.
> If your plasma screen does not have an IR transmitter, connect the appropriate cable to the DATA socket on the BeoSystem 1 rear connection panel, and the other end to your plasma screen.

Connect a projector

> Connect a low-power IR transmitter to the PROJ-CTRL socket on the BeoSystem 1 rear connection panel, and mount it near the IR receiver *on the projector*. This enables you to operate the projector with Beo4.
> Connect the IR receiver to the IR RECEIVER socket on the BeoSystem 1 top connection panel, and mount the IR receiver as explained in *Connect the IR receiver*.
> Complete your projector setup.

Connect a Home automation system

> Connect your projector to BeoSystem 1 as described to the left.
> Connect the Home automation system to the DATA socket area on the BeoSystem 1 rear connection panel.
> Connect the IR receiver to the IR RECEIVER socket on the BeoSystem 1 top connection panel, and mount the IR receiver as explained in *Connect the IR receiver*.
> Complete your curtain, light and screen controller system setup.

A BeoSystem 1 surround sound setup fits easily into your living room.

Let your choice of a listening and viewing position be determined by the location of the screen, rather than by the sound.

Preset the distances to each speaker from this favourite position, that is, measure the distance to each speaker. The surround sound experience will be optimal as long as you remain within the area created by the speakers.

In a surround sound setup, you must perform a speaker balance calibration, i.e. balance the sound between the speakers. This procedure is described on page 27.

Place loudspeakers

It is important that you find out where to place your loudspeakers before you start connecting them to BeoSystem 1. Once they are connected, then you can make the presets necessary to give you the ultimate sound experience.

The three diagrams to the right are examples of surround sound placements in various types and sizes of rooms.

The following applies for all speaker setups:
– The best placement for the rear speakers is on either side behind your favourite listening position.
– The front and rear sets of speakers do not necessarily have to be placed in the corners of the room.
– Always use your most powerful speakers as your front speakers.
– Place centre speakers in front of your screen to ensure an optimal sound experience.
– If you connect a subwoofer, refer to the subwoofer's own user's guide for information about placement possibilities.
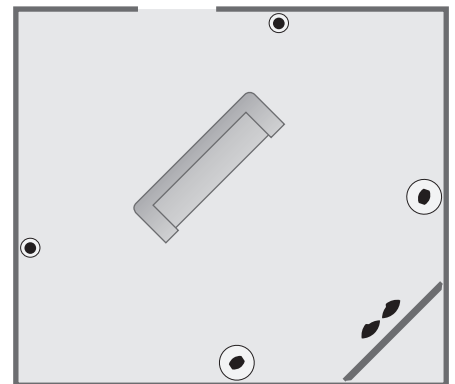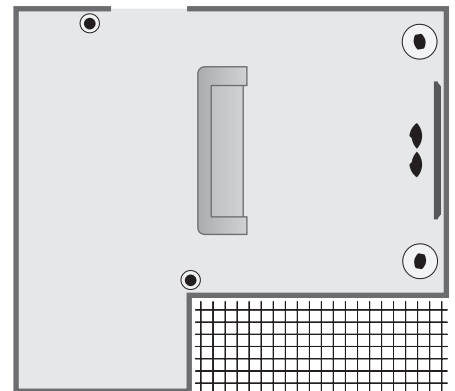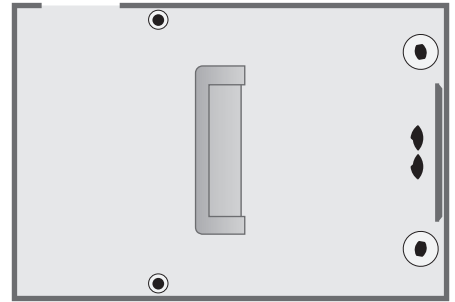
Connect loudspeakers

Using the cables enclosed with the
loudspeakers*, connect the speakers to the
BeoSystem 1 rear connection panel. The front,
center and rear sets of loudspeakers must be
from the Bang & Olufsen range of Power Link
speakers. However, you are not restricted to
the speaker models shown in the illustration.
For more information concerning sockets on
BeoSystem 1, please refer to *Connection
panels on BeoSystem 1.*

> Connect the two front loudspeakers to the
  sockets marked FRONT.
> Connect the two rear loudspeakers to the
  sockets marked REAR.
> Connect both centre speakers to the socket
  marked CENTRE in the following manner:
  Connect one loudspeaker to its counterpart, and
  connect the second loudspeaker to the CENTRE
  socket on BeoSystem 1. You can also use this
  looping method when connecting your front or
  rear loudspeakers. Refer to the guide enclosed
  with your speakers for more information about
  'looping' your loudspeakers.
> You can connect a subwoofer to the socket
  marked SUBWOOFER.

*Regardless of which method you use when
connecting your speakers, remember to set the
L • R • LINE switch on the speakers to L and R (left
and right channel), respectively.*


```
        SPEAKER  TYPE

FRONT        BEOLAB 1
REAR         BEOLAB 6000
SUBWOOFER    YES




                        store  GO
```
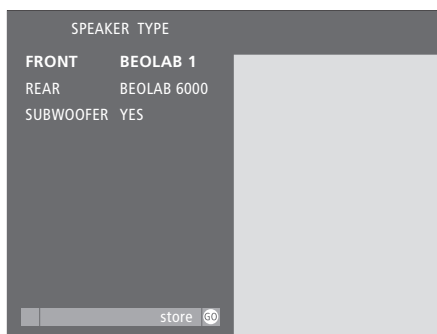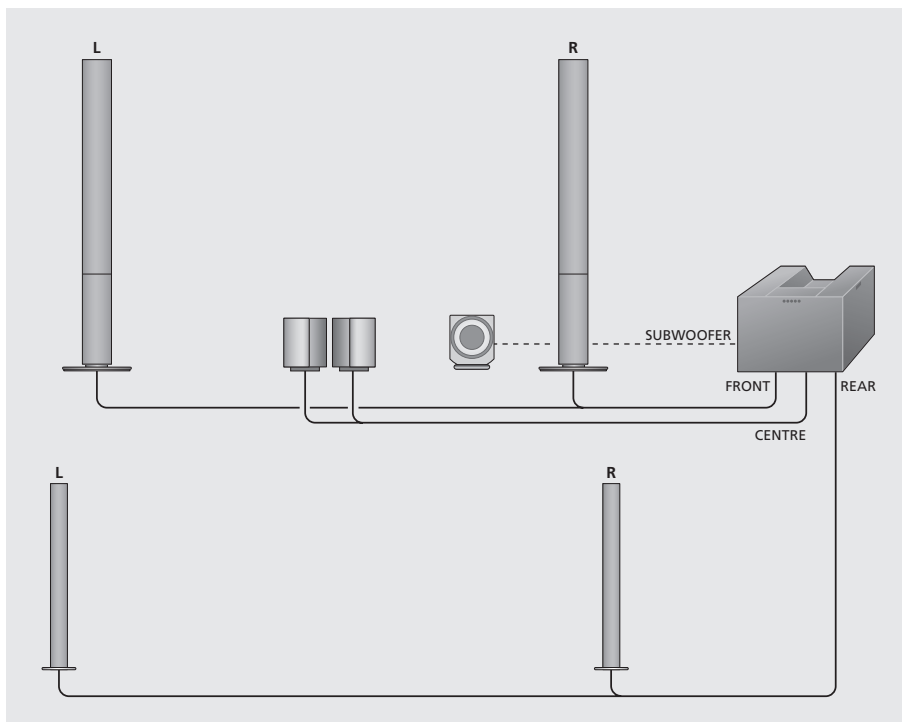
Select your loudspeaker types…
> Press **MENU** on Beo4 to call up the main TV
  SETUP menu.
> Press **GO** to select SOUND.
> Press **2** to select the SPEAKER TYPE menu.
> Press ▼ and ▲ to step between the different
  speaker options.
> Press ◀◀ or ▶▶ to select the type of speakers you
  have connected.
> Press **GO** when you have selected your
  loudspeaker types and press **EXIT** to leave
  on-screen menus altogether.

Options on the SPEAKER TYPE menu
FRONT
   Select the type of front speakers you have
   connected: BEOLAB 1, BEOLAB 4000, 6000 or
   8000, BEOLAB PENTA, or NONE.
REAR
   Select the type of rear speakers you have
   connected: BEOLAB 1, BEOLAB 4000, 6000 or
   8000, BEOLAB PENTA, or NONE.
SUBWOOFER
   Select whether or not a subwoofer is connected.
   Options are YES or NO.

*Please note that it is not necessary to register
centre loudspeakers in the SPEAKER TYPE menu.*

*NOTE! Longer cables and adaptors – should
these be necessary for connecting equipment to
BeoSystem 1 – are available from your Bang &
Olufsen retailer.

Set speaker distance

Place yourself in your preferred position for watching television and turn on the system, e.g. by pressing the TV button on Beo4. Call up the SPEAKER DISTANCE menu to be able to enter the approximate distances in feet to each of your loudspeakers.

LEFT FRONT   *RIGHT FRONT*

CENTRE

LEFT REAR   *RIGHT REAR*
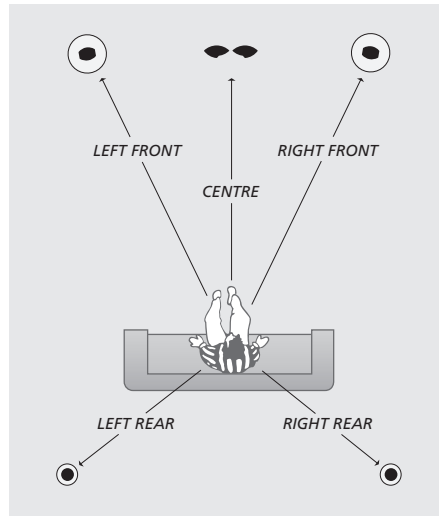
SPEAKER DISTANCE	
CENTRE	**10'**
LEFT FRONT	15'
RIGHT FRONT	15'
RIGHT REAR	8'
LEFT REAR	8'
store	GO

To set the distance for each speaker…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **GO** to call up the SOUND menu.
> Press **3** to call up the SPEAKER DISTANCE menu.
> Press ▲ or ▼ to step between the different loudspeakers.
> Press ◀◀ or ▶▶ to enter the distance – measured in feet – for each speaker.
> Press **GO** to store and press **EXIT** to exit on-screen menus altogether.

Calibrate speaker level

If your loudspeaker setup requires calibration, use the SPEAKER LEVEL menu and your Beo4 remote control to calibrate the speakers. Place yourself in your preferred listening position, turn on the system, e.g. by pressing TV, and then call up the menu.

A calibration sound is produced, and the sound then moves from loudspeaker to loudspeaker. Your task is to balance the sound between all your loudspeakers. You can choose to have the sequence performed automatically or choose to perform the sound calibration manually.

Once your loudspeaker calibration is complete, re-calibration is only required if you make changes to your loudspeaker setup (e.g. if you move one or more of the loudspeakers).

```
         SPEAKER LEVEL
    SEQUENCE   AUTOMATIC
    LEFT FRONT    ...................
    RIGHT FRONT   ..................
    RIGHT REAR    ..................
    LEFT REAR     ...................



                    store  GO
```
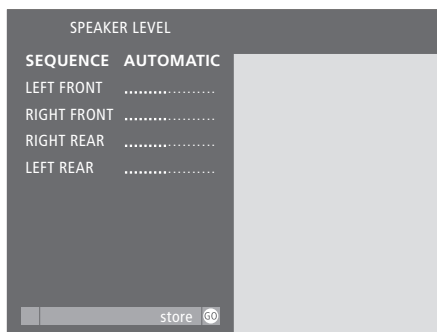
Balance the level for the individual speakers…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **GO** to call up the SOUND menu.
> Press **4** to call up the SPEAKER LEVEL menu. SEQUENCE is already highlighted.
> Press ◀◀ or ▶▶ to select AUTOMATIC or MANUAL.
> Press ▲ or ▼ to step between the different loudspeaker options.
> Press ◀◀ or ▶▶ to adjust the level for each loudspeaker.
> Press **GO** to store your settings and press **EXIT** to exit on-screen menus.

Settings for the SEQUENCE option
AUTOMATIC
If you select the AUTOMATIC setting, the sound shifts automatically from speaker to speaker every 2–3 seconds. You have to highlight the different loudspeakers in the menu in order to be able to adjust the speaker levels.

MANUAL
If you select the MANUAL setting, the sound comes from the loudspeaker that you highlight in the menu by pressing ▲ or ▼. As you highlight the different loudspeakers, the sound follows.

The speaker level for the centre speakers is fixed to facilitate calibration of front and rear speakers with the centre speakers. The sound volume for all speakers can be adjusted by pressing ∧ ∨ on Beo4.

Connect audio and video systems

If you connect a compatible Bang & Olufsen audio system to the BeoSystem 1, you will obtain the benefits of an integrated Audio/Video system.

Your AV system – BeoSystem 1 and your connected audio system – can be placed together in one room, or each system can be placed in a separate room. Examples of various setups are shown on this page.

If your BeoSystem 1 has been set up in an AV system, you may need to program it to the correct option*.

Connect BeoSystem 1 to your audio system

Using a BeoLink cable, connect the one multi-pin plug to the socket marked MASTER LINK on the BeoSystem 1 top connection panel, and the other multi-pin plug to the socket marked MASTER LINK on the audio system. For information concerning sockets on BeoSystem 1, please refer to *Connection panels on BeoSystem 1.*
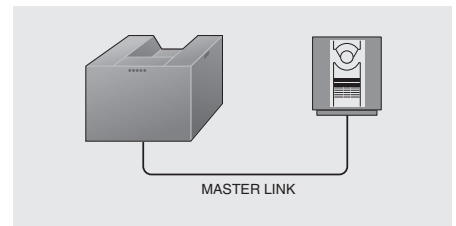
Program the AV setup – option

Option programming is done with the Beo4 remote control and with the entire system switched to standby. The following options are available:

Option programming for BeoSystem 1
> Hold the • standby button while pressing LIST.
> Let go of both buttons.
> Press LIST repeatedly until OPTION? is shown in the Beo4 display and then press GO.
> Press LIST repeatedly until V.OPT is shown in the Beo4 display and enter the appropriate number (Option 1 or 2).

Option programming for the audio system
> Hold the • standby button while pressing LIST.
> Let go of both buttons.
> Press LIST repeatedly until OPTION? is shown in the Beo4 display and then press GO.
> Press LIST repeatedly until A.OPT is shown in the Beo4 display and enter the appropriate number (Option 0, 1 or 2).

MASTER LINK

Option 2   Option 0
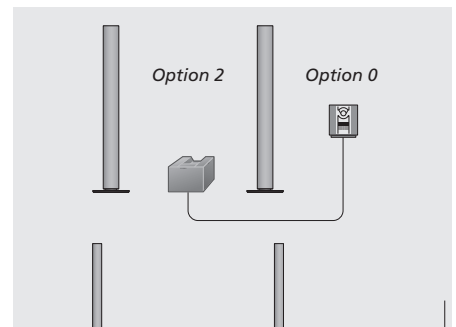
BeoSystem 1 and an audio system set up in one room – all speakers are connected to BeoSystem 1.

Option 1   Option 1
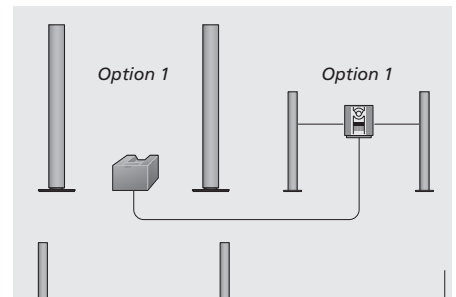
You can choose to set up your audio system and BeoSystem 1 in the same room, where a set of speakers are connected to each system.

Option 2   Option 2
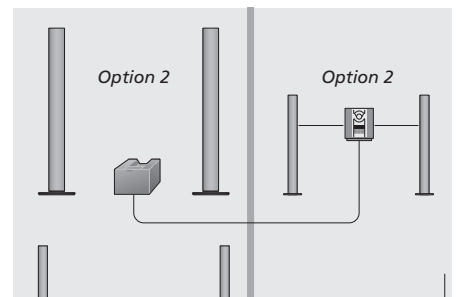
You can choose to set up your audio system (with a set of active speakers) in one room and your BeoSystem 1 surround sound setup in another.

*NOTE! If you require further information about AV setup and option programming, please contact your Bang & Olufsen retailer.

The BeoLink system makes it possible to distribute sound to other rooms throughout the house.

You can connect your BeoSystem 1 in, for example, the living room to another video system or a set of speakers in another room, thereby making it possible to 'move' the sound to other rooms.

If you have a BeoLink distribution system installed, you can either use your BeoSystem 1 in the main room, such as a living room, or in a link room, such as a bedroom.

Link connection

The main room system must be connected to the link room system with a Master Link cable:
• Connect the Master Link cable to the socket marked MASTER LINK on BeoSystem 1.
• Run the cable to the link room and follow the instructions enclosed with the link room equipment.

If the Master Link socket on the BeoSystem 1 already has an audio system connected, the Master Link cable must be split in two and joined with the cable from the link room using a special junction box. Please consult your Bang & Olufsen retailer for assistance.

BeoSystem 1

MASTER
LINK
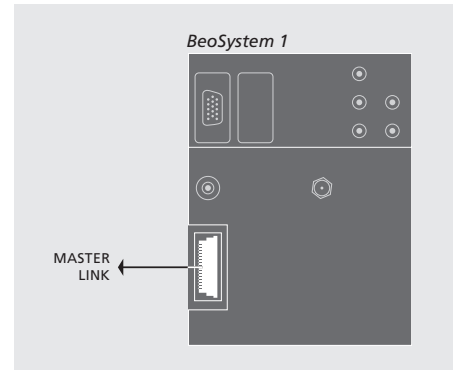
BeoLink – BeoSystem 1 in a link room

If you have BeoLink installed in your home and choose to place your BeoSystem 1 in a link room, you can operate all connected systems through the video system and listen to the sound in the link room.

Before you start…

You *must* follow the procedure described below when you connect your BeoSystem 1 for use in a link room:

1 Connect the system to the mains;
2 Using the Beo4 remote control, program the link room BeoSystem 1 to Option 6*;
3 Disconnect BeoSystem 1 from the mains;
4 Make the connections described on these pages;
5 Reconnect BeoSystem 1 to the mains.
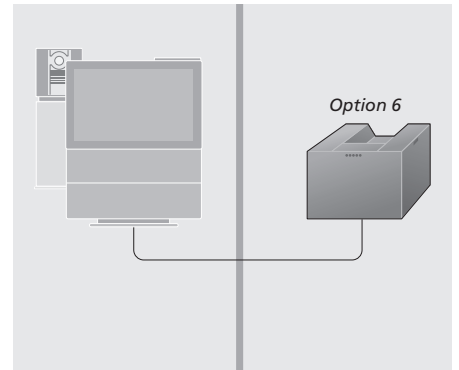
Option 6

Option programming

For your entire system to function properly, it is essential that the BeoSystem 1 in the link room is programmed to the correct Option before you connect it to the system in the main room!

– 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 V.OPT is shown in the Beo4 display and press 6*.

If you connect BeoSystem 1 for use in a link room where other link systems, such as speakers, are already connected, you must program BeoSystem 1 to Option 5 instead.

Link room connections

Your BeoSystem 1 in the link room must be connected to your main room system using a BeoLink connection – a Master Link cable and a junction box.

In the main room: Connect the Master Link cable to the socket marked MASTER LINK on the main system. Run the cable to the junction box, and cut the cable to the appropriate length.

In the link room: Connect the Master Link cable to the socket marked MASTER LINK on the BeoSystem 1. Run the cable to the junction box, and cut the cable to an appropriate length.

Inside the junction box: Join the cables as explained in the folder enclosed with the box/cable. This folder explains all the possibilities for the box, and how to join the cables.

When the connections are complete, you can begin tuning in the TV channels, presetting the sound and picture levels, etc.

When you have connected the necessary cables and additional equipment to your BeoSystem 1 and have connected BeoSystem 1 to the mains, you must complete the setting-up procedure to ensure successful operation of BeoSystem 1 and connected sources.

The setting-up procedures which may be required for BeoSystem 1 include:

– Sound adjustment; setup and calibration of speakers;
– Picture adjustment;
– Registration of sources or equipment connected to BeoSystem 1;
– Ensuring access to channels (complete the RF setup, if necessary);
– Channel editing, removal of empty channel numbers or fine tuning of channels.

Contents of the main setup menu

All the options available to you in the BeoSystem 1 main TV SETUP menu are described below.

```
              TV  SETUP
    1  SOUND
    2  PICTURE
    3  CLOSED CAPTIONING
    4  PARENTAL CONTROL

    5  RECORD LOCK
    6  EXTERNAL SOURCES
    7  FIRST TIME SETUP
    8  RF / CHANNEL SETUP



                      select  GO
```
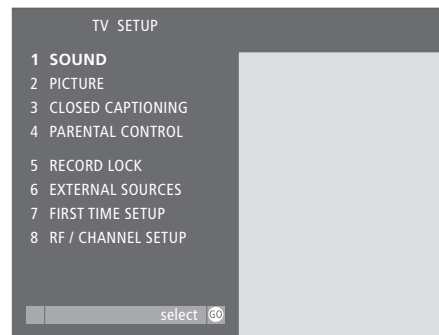
While e.g. TV is switched on…
> Press **MENU** on Beo4 to call up the main TV SETUP menu*.
> Press **1 – 8** to call up a menu directly, or…
> …use ▼ ▲ to step to the menu item you want and press **GO** to select it.

In menus…
> Press ◄◄ or ►► to view or modify different options.
> Press **GO** to store.

Once you have completed menu operations…
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

*If the source you have selected is operated via a menu overlay, then you have to press MENU twice to call up the main TV SETUP menu.

The contents of the main TV SETUP menu
SOUND
    Calls up the sound and speaker setup menus.
PICTURE
    Calls up the menu for adjusting picture settings.
CLOSED CAPTIONING
    Calls up the menu where you can apply closed captioning to the programme you are watching.
PARENTAL CONTROL
    Calls up the menu for parental control settings.

RECORD LOCK
    Allows you to lock on to the source for which you have made a Timer recording.
EXTERNAL SOURCES
    Allows you to register the additional sources or equipment you connect to BeoSystem 1, and in this way enable Beo4 operation of the sources.
FIRST TIME SETUP
    Starts the installer's checklist for the setting-up procedure.
RF / CHANNEL SETUP
    Gives access to all menus relevant to the setup of RF channels.

Gain access to channels – RF setup

If you connect BeoSystem 1 to either a cable network or antenna, all channels are then available. However, you must complete the tuning procedure and select which channels you wish to skip or store.

If you connect an RF cable box to RF Input A on the top of BeoSystem 1, then you have to complete the RF setup. Identify the type of socket the box is connected to and find the output channel that gives access to your cable box.

If automatic tuning is required, the AUTO TUNING menu appears on the screen.

All the fill-in menus concerning the RF setup and the various options in each menu will be explained on the following pages. Two cases are described in detail: one assuming a setup with a cable box, and one assuming a setup without a cable box.

RF/Channel setup menu

To gain access to the menus required for the RF setup, call up the RF / CHANNEL SETUP menu. Here, you can gain access to functions for editing channels – adding or removing channels, fine tuning, and selection of sound type or SAP (Second Audio Program).
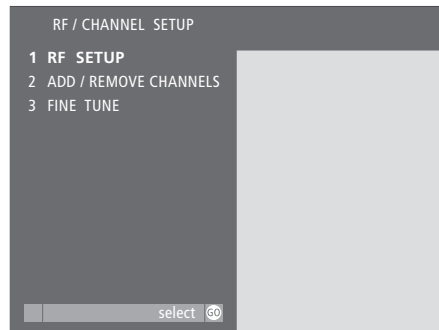
```
    RF / CHANNEL SETUP

 1  RF SETUP
 2  ADD / REMOVE CHANNELS
 3  FINE TUNE




                    select  GO
```

While BeoSystem 1 is on…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **8** to call up the RF / CHANNEL SETUP menu.
> Press the number button that corresponds to the menu item you want:
  1 – ensure access to channels
  2 – add or remove channels
  3 – fine tuning or mono/stereo/SAP selection.
> Or, use ▼ ▲ to step to the item you want and press GO to call up the selected menu.

Once you have completed menu operations…
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

Identify the cable box socket

Once you have connected a cable box* to a socket on the BeoSystem 1 top connection panel, you must register the connection in the RF SETUP menu.

```
        RF SETUP

 CABLE BOX     NONE




  ◀◀ modify         accept  GO
```

Options for CABLE BOX on the RF SETUP menu
NONE
  Choose this option if you have not connected a cable box to BeoSystem 1.
RF INPUT A
  Choose this option if you have connected a RF cable box to the RF IN A socket on the BeoSystem 1 top connection panel.
STB INPUT
  Choose this option if you have connected a digital cable box to the STB sockets on the BeoSystem 1 rear connection panel.
V.AUX INPUT
  Choose this option if you have connected a cable box to the V AUX sockets on the BeoSystem 1 rear connection panel.

*NOTE! When you connect an RF cable box, remember to leave it switched on at all times.

Auto tune with RF cable box

When you have selected the option
RF INPUT A for your cable box in the RF SETUP
menu, the following sequence of menus
appears. For more detailed information,
please refer to *Cable box and source for RF
input* to the right.
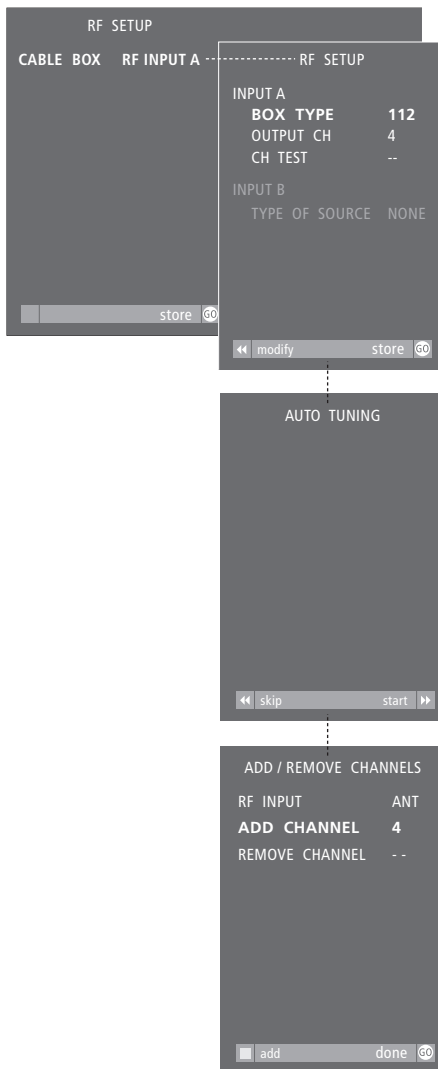
Cable box and source for RF input

Enter the reference number for the type of
cable box you have connected to the
RF INPUT A socket. You can find the
appropriate reference numbers for the cable
boxes in the enclosed Product List, which lists
all compatible cable boxes.

```
           RF  SETUP

CABLE  BOX    RF  INPUT  A ⋯⋯⋯⋯⋯ RF  SETUP

                          INPUT  A
                             BOX  TYPE      112
                             OUTPUT  CH      4
                             CH  TEST        --

                          INPUT  B
                             TYPE  OF  SOURCE   NONE



                  store  GO

                          ◀◀  modify         store  GO
```

```
              AUTO  TUNING










         ◀◀  skip              start  ▶▶
```

```
        ADD / REMOVE  CHANNELS

        RF  INPUT          ANT
        ADD  CHANNEL        4
        REMOVE  CHANNEL     - -









        ■  add             done  GO
```

While BeoSystem 1 is on…
> Press **MENU** on Beo4 to call up the main
  TV SETUP menu.
> Press **8** to call up the RF / CHANNEL SETUP
  menu.
> Press **GO** to call up the RF SETUP menu.
> Press ◀◀ or ▶▶ to reveal RF INPUT A.
> Press **GO**. The next RF SETUP menu appears.
> Enter the BOX TYPE number for the cable box.
  The box type number can be found in the
  enclosed Product List.
> Enter the OUTPUT CH number that corresponds
  to the channel output number on your cable
  box.
> Perform a CH TEST, that is, test that the box is
  working, by pressing ◀◀ or ▶▶ to change
  channels. If you can not change channels, check
  your OUTPUT CH number or box type number
  once more.
> Move the cursor to TYPE OF SOURCE and enter
  the relevant option for INPUT B, if any. Press **GO**
  to store the option.
> If the AUTO TUNING menu appears, press ▶▶ to
  start automatic tuning, or press ◀◀ to skip
  automatic tuning.

If tuning has been performed, the ADD / REMOVE
menu* appears. Complete your channel setup by
adding or removing channels. Press **GO** when you
are done.

```
             RF  SETUP

INPUT  A
    BOX  TYPE        112
    OUTPUT  CH        4
    CH  TEST         - -

INPUT  B
    TYPE  OF  SOURCE  NONE




◀◀  modify          store  GO
```

INPUT A options on the RF SETUP menu
BOX TYPE
  Enter the reference number found in the
  enclosed Product List. You can enter a number
  within a range of 0–999.
OUTPUT CH
  Enter the channel number that corresponds to
  the output channel set on your cable box.
  Options are CH2, CH3, CH4, CH5 or CH6.
CH TEST
  Test for access to cable box channels. Press ◀◀ or
  ▶▶ to test whether you can change channels on
  the box.

*NOTE! For further information about the menu
for adding or removing channels, please refer to
Edit and fine tune channels.

Identify source for RF input

If you have not connected a cable box to the RF IN A socket on the BeoSystem 1 top connection panel, the menu shown below appears. Register the source or type of signal connected.

Auto tune with no cable box

If you have not connected a cable box, but you have connected an RF signal to the RF IN A socket on the BeoSystem 1 top connection panel, the following menu sequence appears.

```
           RF  SETUP

INPUT A         CABLE
INPUT B         NONE




◀◀  modify        store  GO
```
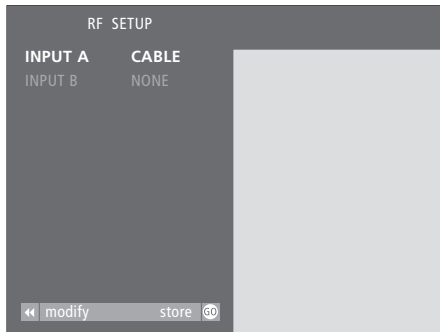
INPUT A options on the RF SETUP menu

CABLE
  Choose this option if a cable signal is connected to the RF IN A socket.
ANTENNA
  Choose this option if an antenna signal is connected to the RF IN A socket.
NONE
  Choose this option if no signal is connected to the RF IN A socket.

```
           RF  SETUP

CABLE  BOX     NONE ··········· RF  SETUP

                        INPUT A         CABLE
                        INPUT B         NONE



              store  GO

                        ◀◀  modify        store  GO
```

```
           AUTO  TUNING




◀◀  skip          start  ▶▶
```

```
    ADD / REMOVE  CHANNELS

RF  INPUT              ANT
ADD  CHANNEL          4
REMOVE  CHANNEL       - -




■  add              done  GO
```

With e.g. TV switched on…
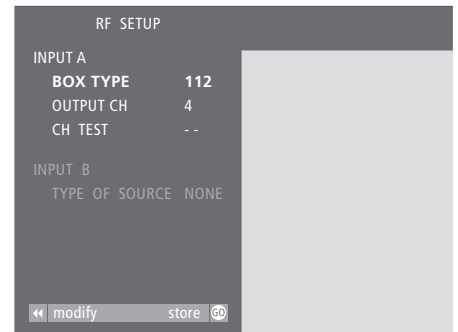> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **8** to call up the RF / CHANNEL SETUP menu.
> Press **GO** to call up the RF SETUP menu.
> Press ◀◀ or ▶▶ to reveal NONE and press **GO**. The next RF SETUP menu appears.
> Enter the type of source connected for INPUT A and press **GO** to store.
> If the AUTO TUNING menu appears, press ▶▶ to start automatic tuning, or press ◀◀ to skip automatic tuning.

If tuning has been performed, the ADD / REMOVE menu* appears. Complete your channel setup by adding or removing channels. Press **GO** when you are done.

*NOTE! For further information about the menu for adding or removing channels, please refer to *Edit and fine tune channels.*

When you have connected BeoSystem 1 to either a cable network or an antenna, and automatic tuning has been performed, all available channels are stored. However, it may be necessary to edit channels*.

Channels that do not broadcast meaningful signals may still get stored during tuning, or channels may be excluded from tuning because they were either out of reach or the signal was too weak. In these cases, you can remove empty channel numbers or add those channels which were excluded during automatic tuning.

Editing or fine tuning of a stored channel may also be required if e.g. the signal is weak, if you want to select mono or stereo sound, or if you want to add a Second Audio Program, SAP, to a specific channel.

Add or remove stored channels

You can edit the number of available channels. You can add a new channel or remove a stored channel. In most cases, the menu for adding or removing channels appears automatically, once automatic tuning has been completed, but you can also call it up manually.

```
 ADD / REMOVE  CHANNELS

RF INPUT            ANT
ADD CHANNEL         4
REMOVE CHANNEL      - -




    ☐ add          done  GO
```

What's on the ADD / REMOVE CHANNELS menu
(RF INPUT)
  RF INPUT appears on the menu if you connect cable or antenna to the RF IN A socket on the BeoSystem 1 top connection panel. Choose the signal type, CABLE or ANT (antenna).
ADD CHANNEL
  If no channels are available to add, then this option is dimmed and cannot be selected. If channels can be added, then you can enter the number of the channel you wish to add, and press the green button on Beo4 to add it.
REMOVE CHANNEL
  To remove stored channels, enter the number of the channel you wish to remove and press the green button on Beo4 to remove it.
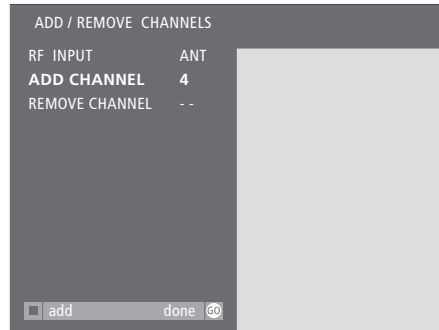
Fine tune channels

If necessary, you can fine tune a channel. Select the appropriate input before entering the channel number and starting fine tuning. In the FINE TUNE menu, you can also select a sound type, such as mono or stereo, or select a Second Audio Program (SAP).

```
        FINE  TUNE

RF INPUT            ANTENNA
CHANNEL             4
FINE               +3
SOUND              STEREO




               store  GO
```

Options on the FINE TUNE menu
(RF INPUT)
  RF INPUT appears on the menu if you connect cable or antenna to the RF IN A socket on the BeoSystem 1 top connection panel. Choose the signal type, CABLE or ANT (antenna).
CHANNEL
  Enter the number of the channel you wish to fine tune or adjust.
FINE
  Choose this option to fine tune a channel signal within a range of ± 8.
SOUND
  Select STEREO, MONO or SAP. If SAP is selected, but not currently broadcast, the best available sound type (usually stereo) is selected.

Even though you store a sound type, mono, stereo or SAP, you can still make temporary changes to the sound type with Beo4. Please refer to 'Adjust sound type'.

*NOTE! To call up the ADD / REMOVE CHANNELS and FINE TUNE menus, then you must first call up the main SETUP menu and select RF / CHANNEL SETUP. To exit on-screen menus, press EXIT or a source button, such as TV or SAT.
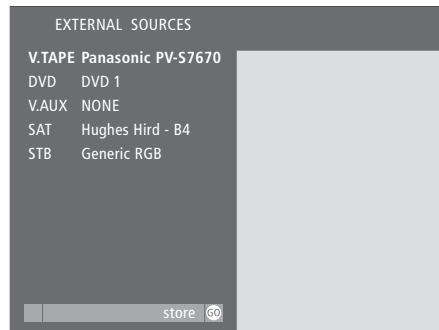
When you connect additional video sources or equipment to your BeoSystem 1, you must register the equipment in an on-screen menu. This enables you to operate the equipment with your Beo4 remote control.

Find the type of specific video equipment you have connected in the EXTERNAL SOURCES menu. If the specific equipment is not available, then choose one of the generic options that matches the type of equipment you have connected.

For information about where and how to connect the equipment, please refer to *Connection panels on BeoSystem 1.*

Register additional equipment

Find the name of your VCR (V.TAPE), DVD player, Satellite receiver, or set-top box in the EXTERNAL SOURCES menu, or register it as a generic device type. The second choice means, however, that while it is possible to select this type of audio/video equipment with Beo4, you can not operate its functions with Beo4.

```
     EXTERNAL  SOURCES

  V.TAPE  Panasonic PV-S7670
  DVD     DVD 1
  V.AUX   NONE
  SAT     Hughes Hird - B4
  STB     Generic RGB




                        store  GO
```

While BeoSystem 1 is on…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **6** to call up the EXTERNAL SOURCES menu.
> Use ▼ ▲ to step to the menu option you want.
> Press ◀◀ ▶▶ to view your choices for each menu option.
> Press **GO** to store.

Once you have completed menu operations…
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to leave all menus, or press **STOP** to back up through previous menus.

The audio/video equipment which is available on the menu for additional sources is listed in the enclosed Product List. Please contact a Bang & Olufsen retailer if you require further information.

Options on the EXTERNAL SOURCES menu
V.TAPE
    Choose your particular VCR, or select:
    GENERIC NTSC… For an unspecified NTSC VCR.
    NONE… If no VCR is connected.
DVD
    Choose your particular DVD player, or select:
    GENERIC NTSC… For an unspecified NTSC DVD player.
    NONE… If no DVD player is connected.
V.AUX
    Choose your equipment type, or select:
    GENERIC NTSC… For unspecified audio/video equipment. You can connect a Satellite receiver or set-top box to V.AUX. If this is the case, use V.AUX* to select this input. On the other hand, if this input is used for a cable box set up for V.AUX INPUT in the RF SETUP menu, then select the cable box via the TV button on Beo4.
    NONE… If no equipment is connected.
SAT
    Choose your Satellite receiver, or select:
    GENERIC NSTC / HDTV… For an unspecified NTSC or HDTV receiver.
    NONE… If no Satellite receiver is connected.
STB
    Choose your particular set-top box, or select:
    GENERIC NTSC / YPbPr / RGB… For an unspecified NTSC, YPbPr, or RGB set-top box.
    NONE… If no set-top box is connected.

*NOTE! In order to display the extra LIST 'button', V.AUX, on Beo4, you must add this extra 'button' to the Beo4 LIST function. Please refer to the Beo4 User's guide for further instruction.

If the picture format on the screen is not to your satisfaction, you can instruct BeoSystem 1 to optimise the picture format for you. You can also choose to change the picture format yourself.

On BeoSystem 1, picture formats are divided into three main groups:

Format 1: For standard 4:3 picture format. For NTSC TV sources, choose Format 1.
Format 2: For NTSC letter-box pictures. The picture is expanded, and can be moved up or down on the screen.
Format 3: For wide-screen pictures in 16:9 picture format. If the TV source is a digital TV (DTV) input, format 3 is selected automatically. In this case, format adjustment is done via the DTV menu overlay. Please refer to *Watch TV or Satellite programmes* for more information about the menu overlay.

Adjust the picture format if you would like a standard, wide-screen, or full screen picture format. You can also instruct BeoSystem 1 to optimise the picture format for you.

LIST FORMAT	Press LIST repeatedly until FORMAT is shown in the Beo4 display
GO	Press to optimise the picture, or…
1 – 3	Press 1, 2 or 3 to select a picture format
FORMAT 2	The format is shown on the screen
▲ ▼	*When format 2 is selected…* Press to move the picture up or down, or…
LIST FORMAT **GO**	…you can optimise the picture in format 2 by pressing LIST until FORMAT is shown, followed by GO
EXIT	To exit the FORMAT function

Adjust sound and picture settings

You can adjust different aspects of sound and picture using the on-screen menu system and store the adjustments you have made.

You can store a default volume level via the SOUND ADJUSTMENT menu. This determines the initial sound level when BeoSystem 1 is switched on.

You can adjust bass, treble, and subwoofer levels, and indicate whether or not you want the loudness function activated. The loudness function makes the sound output more dynamic at low volume levels.

You can adjust the balance between the loudspeakers you have connected to BeoSystem 1. Balance can be adjusted between left and right speakers, as well as between the front and rear speakers.

While you are watching television or any other source, you can adjust the volume at any time, or mute the sound completely.

Finally, you can adjust and store brightness, contrast, colour and tint levels, if necessary.

Adjust volume or mute the sound

Adjust the volume at any time, or mute the sound completely. Adjustments to the sound volume are briefly displayed on the screen.

∧
∨
VOL 32
VOL 34

Press ∧ or ∨ on Beo4 to adjust the volume up or down. Volume is adjusted in steps of two

VOL – –

To mute the sound, press the middle of the ∧ ∨ button

∧
∨
VOL 34

Press ∧ or ∨ to bring the sound back
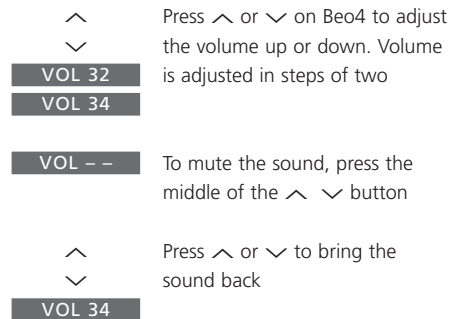
Store sound adjustments

You can store volume, bass, treble and subwoofer levels, and indicate whether the loudness function should be on or off.
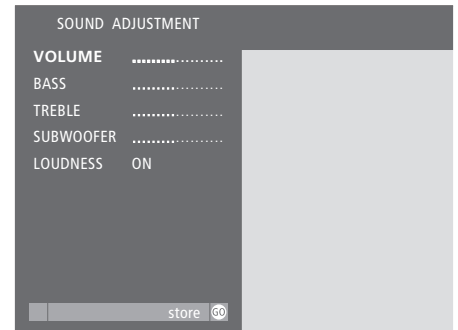
```
SOUND  ADJUSTMENT

VOLUME       ▬▬▬▬........
BASS         ▬▬▬▬▬........
TREBLE       ▬▬▬▬▬........
SUBWOOFER    ▬▬▬▬........
LOUDNESS     ON

                      store  GO
```

While BeoSystem 1 is on…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **GO** to call up the SOUND menu.
> Press **GO** again to call up the SOUND ADJUSTMENT menu.
> Use ▼ ▲ to step to the menu option you want.
> Press ◀◀ ▶▶ to modify inputs for the chosen option. You can adjust volume (VOLUME), bass (BASS), treble (TREBLE), subwoofer* (SUBWOOFER) or set the loudness function (LOUDNESS) to ON or OFF.
> Press **GO** to store your settings.

Once you have completed menu operations…
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

*If a subwoofer is not connected, SUBWOOFER cannot be adjusted. If you play a DVD disc encoded with DTS, the menu options BASS and TREBLE can not be adjusted.

Adjust speaker balance

You can adjust the speaker balance between connected loudspeakers with the Beo4 remote control. Balance can be adjusted between the left and right loudspeakers, as well as the front and rear speakers.

LIST
SPEAKER

Press LIST on Beo4 repeatedly until SPEAKER is shown in the Beo4 display

◀◀ ▶▶
BAL > <

Press to adjust the balance between left and right speakers

▲
▼
FRONT 0

Press to adjust the balance between front and rear speakers

Store picture adjustments

You can store brightness, contrast, colour and tint levels for BeoSystem 1 in the PICTURE menu. Please note that access to the menu options is only possible with certain screen types.

PICTURE

BRIGHTNESS ▬▬▬▬..........
CONTRAST ▬▬▬..........
COLOUR ▬▬▬..........
TINT .....▬▬▬.....

While BeoSystem 1 is on…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **2** to call up the PICTURE menu.
> Use ▼ ▲ to step to the menu option you want.
> Press ◀◀ ▶▶ to adjust the chosen option. You can adjust brightness (BRIGHTNESS), contrast (CONTRAST), colour (COLOUR) or tint (TINT) levels.
> Press **GO** to store.

Once you have completed menu operations…
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

Select sound type

Different sound types, e.g. stereo and mono sound, may be available for your TV channels. Different audio programs* may also be available.

While you are watching a TV channel, you can select a Second Audio Program (SAP). Simply switch between the types of sound available. You can only select the sound channels which are actually being broadcast.

Select mono, stereo or SAP

The available sound types will be displayed on the screen. For sources other than TV, the different types of sound and displayed information depend on the source currently in use. The type of sound you select applies until you switch BeoSystem 1 to standby or select another sound type.

LIST SOUND	Press LIST repeatedly until SOUND is shown in the Beo4 display
GO STEREO	Press GO to display the current sound type on the screen
GO **GO**	Press GO repeatedly to display and listen to the available sound types
EXIT	Press to exit the SOUND function

In order to call up SOUND in the Beo4 display, it is necessary to add the function to Beo4. Please refer to 'Customising your Beo4' in Beo4's own User's guide for further information.

*NOTE! You can preset a sound type (mono/stereo) or SAP, a Second Audio Program, for TV sources via the FINE TUNE menu. Please refer to *Edit and fine tune channels* for further information.
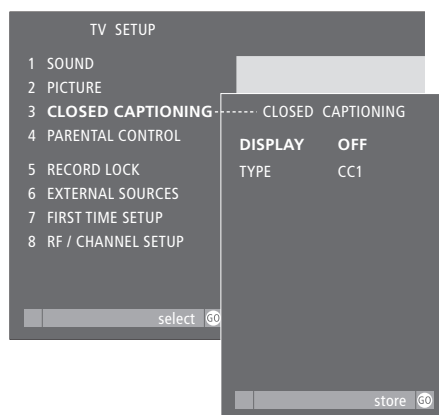
You can apply subtitles or closed captioning to all your sources and channels.

Select a type of closed captioning via the CLOSED CAPTIONING menu.

You can, however, choose to turn closed captioning on or off at any time, e.g. while you are watching a specific programme, even if you have preset BeoSystem 1 to display closed captioning at all times.

Closed captioning options

Choose the type of closed captioning you wish to view and whether or not you want closed captioning to be displayed automatically.

```
            TV  SETUP

1  SOUND
2  PICTURE
3  CLOSED CAPTIONING------  CLOSED  CAPTIONING
4  PARENTAL CONTROL
                        DISPLAY     OFF
5  RECORD LOCK          TYPE        CC1
6  EXTERNAL SOURCES
7  FIRST TIME SETUP
8  RF / CHANNEL SETUP



              select  GO



                                     store  GO
```

When BeoSystem 1 is switched on…
> Press **MENU** to call up the main TV SETUP menu.
> Press **3** to call up the CLOSED CAPTIONING menu.
> Press ◀◀ ▶▶ to adjust the setting for DISPLAY. Choose ON or OFF.
> Press ▼ to move to TYPE and press ◀◀ ▶▶ to select a type of closed captioning. Options are: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, or TEXT4.
> Press **GO** to store.
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit on-screen menus.

To turn closed captioning on or off while watching a programme…

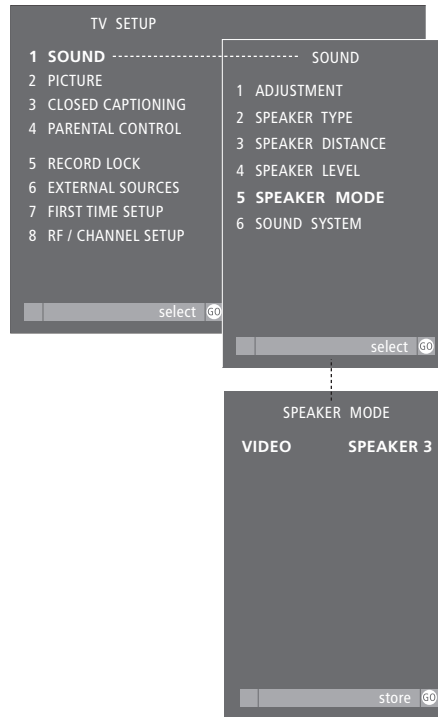|	
TEXT	Press TEXT to see the status of
CC ON	closed captioning – CC ON appears on the screen
TEXT	Press again to turn closed captioning off
TEXT	Press a third time to restore closed captioning

Speaker setup and sound system

Determine which or how many loudspeakers you want to switch on when you e.g. watch the news or a movie.

You can preset the speaker mode, i.e. preset the number of speakers you want cut in for different video sources, or you can select alternative speaker modes at any time*.

The number of available speaker modes depends on how many speakers you have in your setup. There are five speaker modes in all. To be able to enjoy all the speakers in a surround sound setup – a subwoofer, two front, two center and two rear speakers – you must choose a source that is encoded with Dolby surround sound.

Preset a speaker mode

You can preset a speaker mode to be cut in automatically when you switch on video sources, such as TV or VCR. Only speaker mode 3 and 5 are available to preset. They apply to video sources only.

```
        TV  SETUP
1  SOUND  --------------------------     SOUND
2  PICTURE
3  CLOSED CAPTIONING           1  ADJUSTMENT
4  PARENTAL CONTROL            2  SPEAKER  TYPE
                               3  SPEAKER  DISTANCE
5  RECORD LOCK                 4  SPEAKER  LEVEL
6  EXTERNAL SOURCES            5  SPEAKER  MODE
7  FIRST TIME SETUP            6  SOUND  SYSTEM
8  RF / CHANNEL SETUP


                  select  GO
                                          select  GO
```

```
        SPEAKER  MODE

VIDEO              SPEAKER 3




                    store  GO
```

When BeoSystem 1 is switched on…
Press **MENU** to call up the main TV SETUP menu.
Press **GO** to call up the SOUND menu.
Press **5** to call up the SPEAKER MODE menu.
Press ◀◀ ▶▶ to adjust the setting for VIDEO. SPEAKER 3 or SPEAKER 5 are available.
Press **GO** to store your setting.
Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit on-screen menus.

*NOTE! If you watch a movie, DVD or broadcast encoded with DTS or Dolby Digital, then the appropriate speaker mode is selected automatically. This ensures optimum sound quality. If you choose to select a speaker mode manually, you may experience reduced sound quality.

Change speaker mode

You can select a speaker mode at any time, even if you have preset a default speaker mode, or if a programme causes a speaker mode to be selected automatically. In most cases, the speaker mode you select applies until you switch BeoSystem 1 to standby.
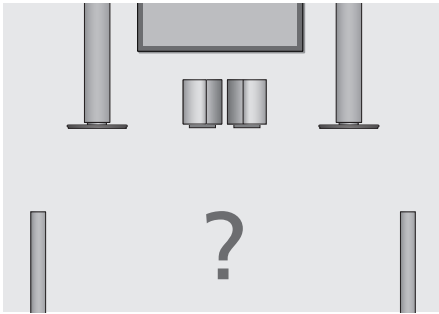
LIST SPEAKER	Press LIST repeatedly until SPEAKER is shown in the Beo4 display
1 – **5**	Use the number buttons to select the speaker mode you want
EXIT	Press to exit the SPEAKER function

When SPEAKER is displayed in the Beo4 display, it is also possible to adjust the balance between the loudspeakers. Please refer to 'Adjust sound and picture settings' for further information.

Modes available in a surround sound setup

SPEAKER1
   Mono sound in the centre speakers only. Use this mode e.g. for watching the news. The subwoofer is always active in Speaker modes 2 – 5. Speaker mode 1 does not activate the subwoofer, and is ideal for night listening.

SPEAKER2
   Stereo sound in the front speakers. Use this mode when you listen to an audio-only source, such as a CD, from a connected audio system. This mode is selected automatically for audio-only sources.

SPEAKER3
   Stereo sound in the front speakers with the mono sound of e.g. speech and sound effects concentrated in the centre speakers. Use this mode when you watch TV programmes broadcast in stereo.

SPEAKER4
   Enhanced stereo sound in the front and rear speakers. Use this mode when you want e.g. an enhanced effect of the stereo sound on a CD.

SPEAKER5
   Surround sound reproduced by all the speakers in the system together. Use this mode when you want to experience the full effect of surround sound when watching a programme or movie encoded with Pro Logic, DTS or Dolby Digital, or when listening to a CD pre-recorded with one of the sound systems.

See the active sound system

You can see the name of the active sound system for the current source or programme on the screen. However, it is not possible to adjust or preset a sound system.
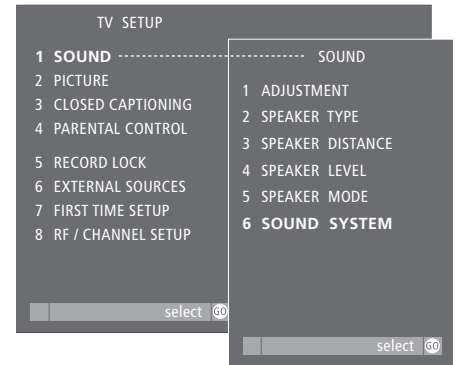
To call up the SOUND SYSTEM menu…
> Press **MENU** on Beo4 to call up the main TV SETUP menu.
> Press **GO** to call up the SOUND menu.
> Press **6** to call up the SOUND SYSTEM menu. The current sound system is shown on the screen. MONO/STEREO appears if no Dolby or DTS sound variant is currently active.
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit all on-screen menus.

The SOUND SYSTEM menu
Sound systems that can appear in the menu are: DOLBY DIGITAL, DOLBY PRO LOGIC, DOLBY 3 STEREO, DOLBY DIGITAL + DOLBY PRO LOGIC, DTS and MONO/STEREO.

Parental control can be switched on or off. Choose which system you want to apply: TV parental guidelines or the MPAA rating system.
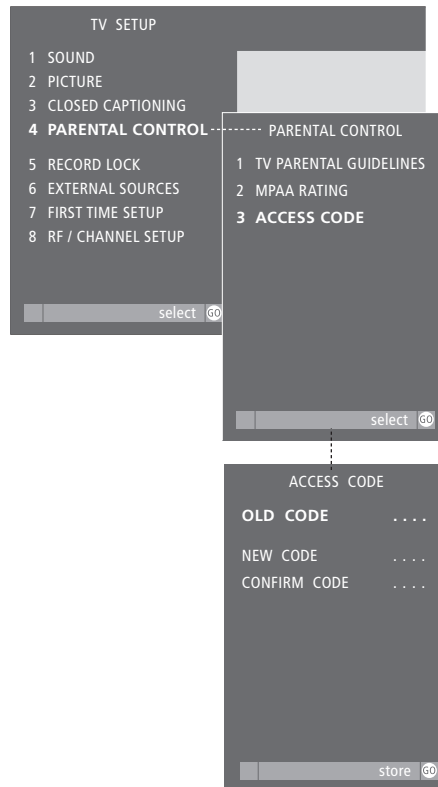
If you assign an access code and switch parental control on, you will be required to enter this access code whenever you want to watch a programme or channel that has been blocked.

Whenever a blocked programme or channel is selected, your screen goes blank, the sound is shut off and an on-screen menu prompts you to enter your access code.

If you wish to change or override your settings, the access code is also required.

Assign an access code

To make full use of the parental control system, begin by assigning an access code. This restricts access to the programmes and channels with broadcasted restrictions, and prevents the settings from being changed by others. Choose a code that is easy to remember. The default setting is 0000.
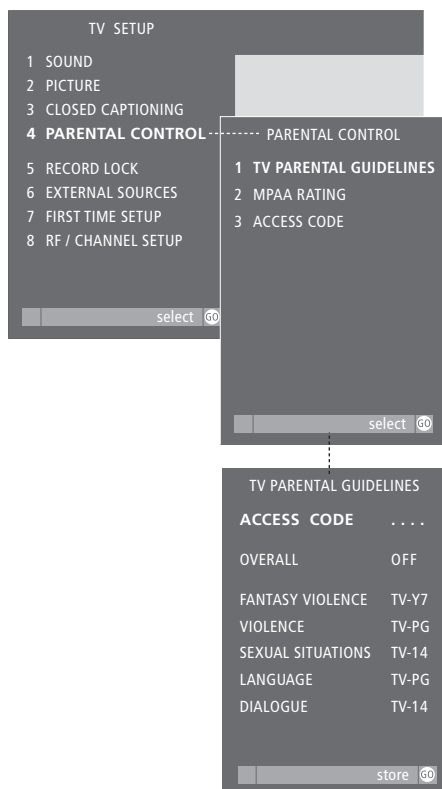
```
           TV  SETUP
  1  SOUND
  2  PICTURE
  3  CLOSED CAPTIONING
  4  PARENTAL CONTROL ------- PARENTAL CONTROL
  5  RECORD LOCK             1  TV PARENTAL GUIDELINES
  6  EXTERNAL SOURCES        2  MPAA RATING
  7  FIRST TIME SETUP        3  ACCESS CODE
  8  RF / CHANNEL SETUP


                select  GO



                                       select  GO


                   ACCESS  CODE

          OLD  CODE          . . . .

          NEW  CODE          . . . .
          CONFIRM  CODE      . . . .




                              store  GO
```

When e.g. TV is switched on…
> Press **MENU** to call up the main TV SETUP menu.
> Press **4** to call up the PARENTAL CONTROL menu.
> Press **3** to call up the ACCESS CODE menu. OLD CODE is already highlighted.
> Use the number buttons on Beo4 to enter the default code (0000).
> Move the cursor down to NEW CODE and enter a new code.
> Enter the new code once more to confirm it.
> Press **GO** to store the code.
> Press **EXIT** or a source button, e.g. **TV**, **SAT** to exit on-screen menus.

To change your code at any time, follow the procedure described above. If, for some reason, you have forgotten your code, then you can key in 9999 three times when OLD CODE is highlighted. This allows you to enter a new code.

Preset TV Parental guidelines

If you choose to apply the system of TV parental guidelines, you can select one common restriction level for all categories or preset the restriction level for the individual categories.

```
        TV  SETUP
1  SOUND
2  PICTURE
3  CLOSED CAPTIONING
4  PARENTAL CONTROL ---------  PARENTAL CONTROL
5  RECORD LOCK              1  TV PARENTAL GUIDELINES
6  EXTERNAL SOURCES         2  MPAA RATING
7  FIRST TIME SETUP         3  ACCESS CODE
8  RF / CHANNEL SETUP


              select  GO

                                    select  GO


                         TV PARENTAL GUIDELINES

                         ACCESS  CODE     . . . .

                         OVERALL          OFF

                         FANTASY VIOLENCE  TV-Y7
                         VIOLENCE          TV-PG
                         SEXUAL SITUATIONS  TV-14
                         LANGUAGE          TV-PG
                         DIALOGUE          TV-14


                                          store  GO
```
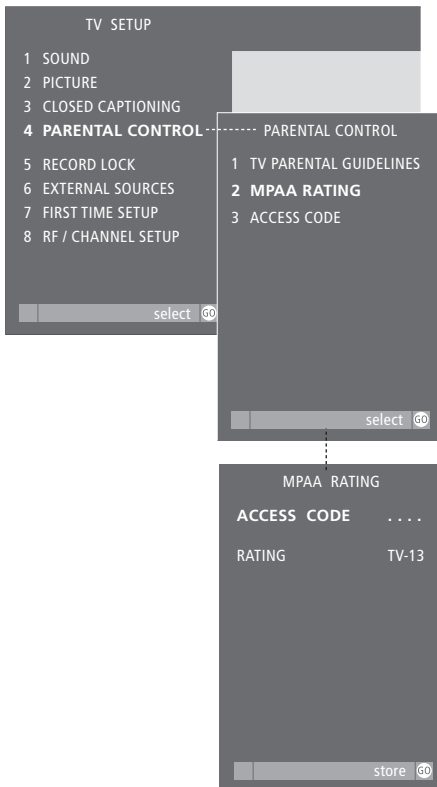
When e.g. TV is switched on…
> Press **MENU** to call up the main TV SETUP menu.
> Press **4** to call up the PARENTAL CONTROL menu.
> Call up the TV PARENTAL GUIDELINES menu by pressing **GO**.
> Use the number buttons on Beo4 to enter the access code. If you have not yet preset your own code, enter the default code (0000).
> Press ◀◀ ▶▶ to adjust the setting OVERALL. This automatically adjusts the different categories to one common restriction setting. Options are: TV-Y, TV-Y7, TV-G, TV-PG, TV-14, TV-MA, and N/A.

If OVERALL is set to OFF…
> …press ▲ ▼ to move to the different categories.
> Press **6** to be able to adjust settings for a single category.
> Press ◀◀ or ▶▶ to adjust the settings. An exclamation point (!) appears in the TV PARENTAL GUIDELINES menu next to settings that have been adjusted in this manner.
> Press **GO** to store the new settings. Common restriction settings can be restored at any time by entering a setting for the OVERALL category. This also removes the exclamation point marking from adjusted settings.
> Press **EXIT** or a source button, e.g. **TV** or **SAT**, to exit on-screen menus.

Preset the MPAA rating

You can choose to apply the MPAA rating
system as parental control. Select and store
the restriction level that you want to impose.

```
          TV  SETUP
1  SOUND
2  PICTURE
3  CLOSED CAPTIONING
4  PARENTAL CONTROL ········ PARENTAL CONTROL
                              1  TV PARENTAL GUIDELINES
5  RECORD LOCK                2  MPAA RATING
6  EXTERNAL SOURCES           3  ACCESS CODE
7  FIRST TIME SETUP
8  RF / CHANNEL SETUP

             select  GO

                                         select  GO


                              MPAA  RATING
                     ACCESS  CODE      . . . .
                     RATING          TV-13




                                         store  GO
```

When e.g. TV is switched on…
> Press **MENU** to call up the main TV SETUP
  menu.
> Press **4** to call up the PARENTAL CONTROL
  menu.
> Press **2** to call up the MPAA RATING menu.
> Enter the access code using the number buttons
  on Beo4. If you have not yet entered your own
  code, enter the default code 0000.
> Press ◀◀ ▶▶ to adjust the setting RATING. This
  automatically adjusts the restriction setting.
  Options are: G, PG, PG-13, R, NC-17, X,
  NOT RATED, N/A, and OFF.
> Press **GO** to store the setting.
> Press **EXIT** or a source button, e.g. **TV** or **SAT**,
  to exit on-screen menus.

When parental control is active…

When a blocked programme or channel is
selected, the screen goes blank, the sound is
shut off, and the access code must be entered.
All the programmes and channels then
become available, and parental control is
switched off until you switch BeoSystem 1 to
standby.

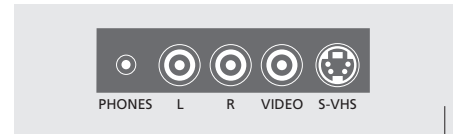|	
TV	TV is switched on and a blocked channel is selected…
0 – **9**	Enter your access code
	The selected channel is now available, as are all other blocked channels

If an incorrect access code is entered three times,
BeoSystem 1 automatically switches to standby.

The close-up panel includes sockets for connecting equipment which is connected only temporarily, such as a CamCorder, a video game system, or headphones*.

Use headphones

You can connect headphones to the close-up connection panel on BeoSystem 1 and listen to e.g. a CD from a connected audio system, or to video programme. Connected loudspeakers can then be muted by pressing the middle of the Beo4 volume button.

Use a CamCorder

If you connect your CamCorder to the close-up connection panel on BeoSystem 1, you can watch your CamCorder recordings on your screen.

To watch CamCorder recordings on BeoSystem 1…
> Connect your CamCorder to the VIDEO, L and R sockets on BeoSystem 1 when it is in standby. Connect a Super-VHS CamCorder to the S-VHS socket on the close-up connection panel, instead of the VIDEO socket.
> Now switch BeoSystem 1 on and start playback on your CamCorder – the signal is selected automatically and the picture from your CamCorder appears on your screen.

You can select the CamCorder input via Beo4. Press LIST repeatedly until CAMCORD appears in the display and then press GO.

PHONES   L   R   VIDEO   S-VHS

The close-up connection panel is located on the front of BeoSystem 1, just below the top edge.

*NOTE! In order to display CAMCORD on Beo4, you must add the function to the Beo4 list. Please refer to the chapter *Customising your Beo4* in Beo4's own User's guide for further instruction.

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.

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Write to: Bang & Olufsen a/s
Customer Service
Dept. 7210
Peter Bangsvej 15
DK–7600 Struer

or fax: Bang & Olufsen
Customer Service
+45 97 85 39 11 (fax)

or E-mail: beoinfo1@bang-olufsen.dk

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