

# Guide



NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the retailer or an experienced radio/TV technician for help

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This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

DOLBY, DOLBY DIGITAL, PRO LOGIC and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

DTS and DTS Digital Surround are registered trademark of Digital Theater Systems, Inc.

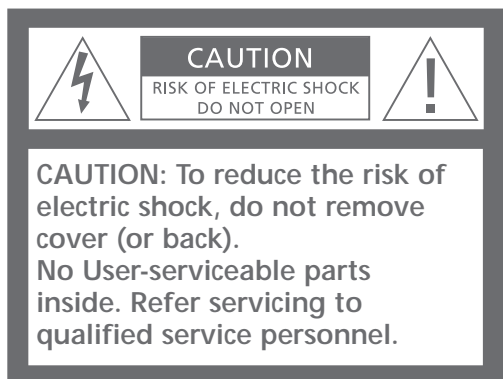
#### Caution

To prevent electric shock, do not use the polarised plug on the BeoVision 5 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 BeoVision 5 operates on a normal household current (120 volts, 60 Hz) 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.



**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.



Should you lose or damage the BeoVision 5 CD-rom, the information can also be found on the Bang & Olufsen web-site; [www.bang-olufsen.com](http://www.bang-olufsen.com) or you can contact your retailer.

#### An explanation of symbols in the guides

The illustration below shows what a button, source or status display looks like in the instruction sequences used in the guides.

<p><b>TV LIST</b></p>	Buttons on the Beo4 remote control
<p>STORE</p> <p>P-IN-P</p>	Displays on the Beo4 remote control
<p>TV 12</p> <p>UPDATE</p>	Displays on the BeoVision 5

### The User's guides

This **Guide** contains information about daily use, more advanced operations, setting-up and connecting BeoVision 5, editing and fine-tuning channels, adjusting settings, and maintenance of your BeoVision 5.

The **CD-rom Reference book** contains information about connecting video signals and external video equipment, connecting loudspeakers, adjusting the loudspeaker setup, connecting and using an audio system, distributing sound via a BeoLink® system, and activating Parental Control. It also contains an overview of on-screen menus.

Both guides contain an index which can help you find the specific subject you want to know more about.

We expect that your Bang & Olufsen retailer delivers the product to your home, installs it and makes all necessary connections as well as the initial setting-up. However, the information required to install and set up the product is included in the guides in case you need it at a later date if, for example, you move your products or expand your system.

The Reference book is a file in PDF-format on the enclosed CD-rom. To read this PDF-file, the Acrobat Reader program must be installed on your computer. If you do not have the program, it can be installed from the CD-rom. Then select the file with the language you want, and the Reference book opens.

**Daily use, 6**

Find out how to use BeoVision 5 and the Beo4 remote control, watch and select channels, adjust sound, and – if your BeoVision 5 is equipped with a motorised stand – turn the television left and right.

**Advanced operations, 12**

Find everything you need to know about using BeoVision 5 beyond daily use; operate connected video equipment with Beo4, use BeoVision 5 with a large-screen projector in a BeoTheatre setup, perform sound and picture adjustments, view two sources at the same time, apply closed captioning, and make BeoVision 5 start or stop at a specific time.

**Setting up and socket overview, 24**

Find out how to handle and place BeoVision 5 for daily use. This chapter also contains an overview of the connection panels on the television and a description of how you register equipment connected to BeoVision 5.

**Tuning and preference settings, 30**

Find out how to add, remove and fine-tune channels, adjust or set aspects of the picture and sound, and – if your BeoVision 5 is equipped with a motorised stand – preset stand positions.

**Maintenance, 34**

Find out how to take care of your BeoVision 5 and Beo4 remote control.

**Index, 36**

Find the specific subject you want to know more about.

# Introducing BeoVision 5 and Beo4

The Beo4 remote control integrates remote operation of BeoVision 5 with any supported source you choose to connect to your BeoVision 5.

## 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.

The Beo4 display – shows the current source, TV, or extra sources or buttons called up via the LIST button

Switch on BeoVision 5 and your TV channels. Press TV repeatedly to switch between TV sources such as cable and antenna TV networks

Switch on the BeoVision 5 and your Satellite receiver to watch Satellite channels

Switch on BeoVision 5 and a connected VCR. Videotape playback starts at the same time

Press twice to start a recording here and now

Press to activate closed captioning

Reveal more sources or functions in the Beo4 display, such as FORMAT

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

Adjust volume – press the middle to mute the sound

TV  
FORMAT

TV

SAT

V TAPE

RECORD

TEXT

LIST

STOP

^  
v



**RADIO**  
**CD**  
**A TAPE** Switch on radio, CD, or audio cassette (A TAPE) if these audio sources are available

**DVD** Switch on BeoVision 5 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 TV channels, tracks on a DVD or tracks on an audio CD, for example. 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

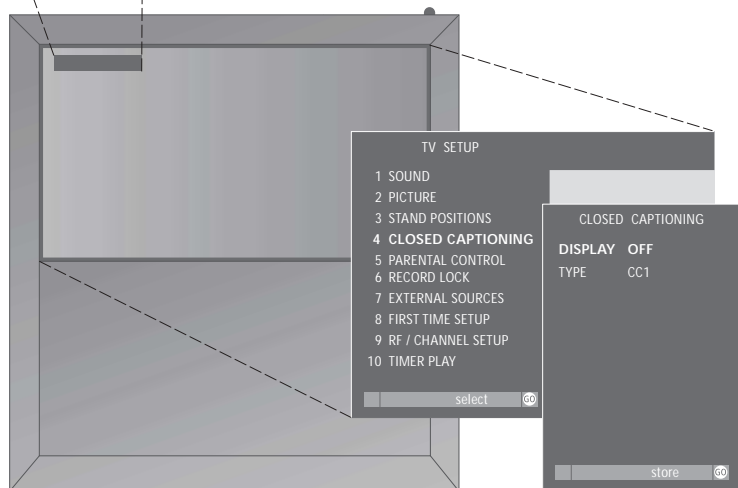
• Switch BeoVision 5 to standby

## Displayed information and screen menus

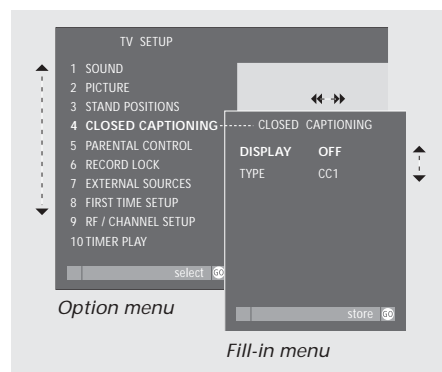
Information about selected sources is displayed at the top left corner of your screen. On-screen menus allow you to switch on, adjust or switch off additional functions.

TV ANT 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.



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.



How to use option menus...

**0 – 9** Press the number keys on Beo4 to select a numbered option on a list directly, or...

**▲ ▼** ...press ▲ or ▼ 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

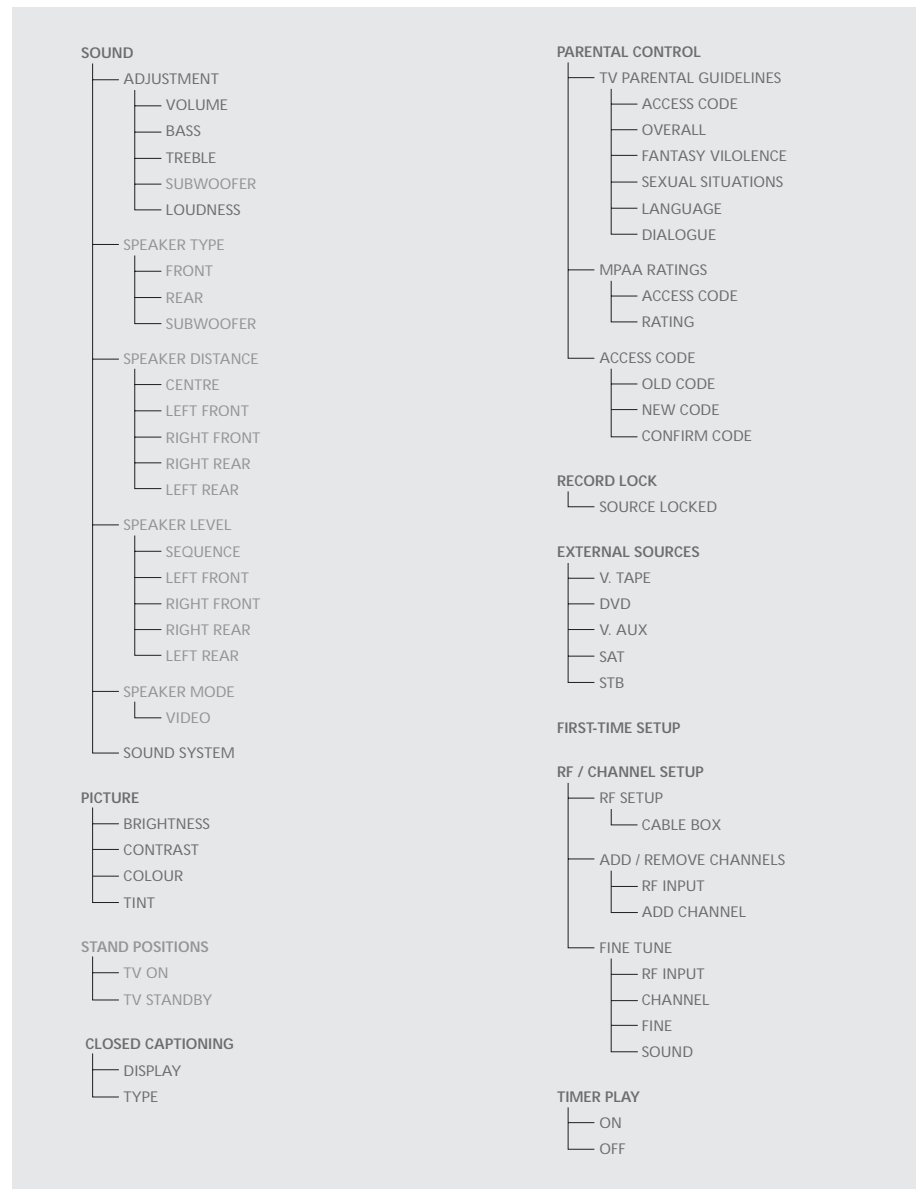
**GO** Press GO to enter your choice. SETTINGS STORED appears at the bottom of the screen

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

## On-screen menus

In order for you to find your way through the on-screen menus your BeoVision 5 offers, this chapter shows you the overall structure of the menu system.

Refer to *On-screen menus* on the CD-rom for further information about the individual menus.



The extended on-screen menu system for BeoVision 5. The presence of the greyed menu items depends on whether these optional extras are available in your system. Press MENU on Beo4 to access the main menu.





## 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 BeoVision 5. 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 satellite receiver, you must register it in the EXTERNAL SOURCES menu. Please refer to *Register equipment connected to BeoVision 5* on page 28 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.

<b>TV</b>	Switch on TV channels. Press TV repeatedly to switch between TV sources like cable and antenna
<b>TV C 2</b>	
<b>TV</b>	
<b>TV ANT 59</b>	
<b>TV</b>	
<b>TV STB</b>	
<b>▲</b>	Step through available TV channels one by one
<b>▼</b>	
<b>SAT</b>	Switch on Satellite channels, if these are available in your setup
<b>SAT</b>	
<b>0 – 9</b>	Use the number keys to select a specific channel. This applies to both TV and Satellite channels
<b>•</b>	Switch the system to standby

*If you have selected TV and wish to see the number of the active channel, press TV once. The active channel is displayed at the top left corner of the screen. Press TV again to change between cable and antenna channels.*

### 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.

<b>▲</b>	Press ▲ or ▼ on Beo4 to adjust the volume up or down. Volume is adjusted in steps of two
<b>▼</b>	
<b>VOL 32</b>	
<b>VOL 34</b>	
<b>VOL --</b>	To mute the sound, press the middle of the ▲ ▼ button
<b>▲</b>	Press ▲ or ▼ to bring the sound back
<b>▼</b>	
<b>VOL 34</b>	

\*NOTE! For further information about the menu overlays available for the different types of boxes, please contact your Bang & Olufsen retailer to receive a complete Product List.

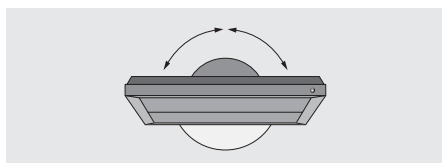
## Turn the TV to the left or right

If your BeoVision 5 is equipped with a motorised stand, you can turn the television to the left or right with the Beo4 remote control. When you switch the system on and off, then it automatically returns to a preset position which can be adjusted via the on-screen menu system.

**LIST** Press LIST until STAND is displayed on Beo4

**◀ ▶** Turn your BeoVision 5 to the left or right

**1 – 9** Press 1 – 9 to make BeoVision 5 turn to a particular position – 1 is the outermost left and 9 is the outermost right position



To make BeoVision 5 turn to specific positions when it is switched on or switched to standby, stand positions for on and standby must be preset. Use the STAND POSITIONS menu. Refer to 'Preset stand positions for BeoVision 5' on page 32 for further information.

## 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** Press TV until the correct source is selected, or...

**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

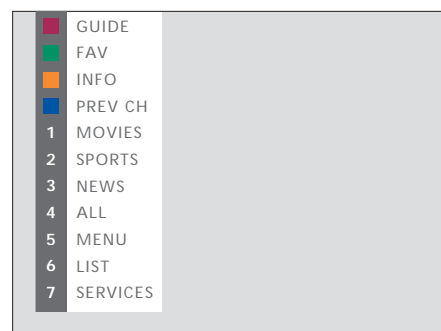
**▲ ▼** Move the cursor in the desired direction or to the desired option

**◀ ▶** 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



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 BeoVision 5 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.

## Use a Video Cassette Recorder via Beo4

With Beo4, you can switch on and operate a VCR you have connected to BeoVision 5 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 BeoVision 5 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.

### Switch on and use a VCR

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

<b>V TAPE</b>	Press to switch on your VCR directly and start playback
<b>◀ ▶</b>	Rewind or fast forward through the cassette
<b>STOP</b>	Press to pause playback
<b>GO</b>	Press to resume playback, or...
<b>STOP</b>	...press to stop playback completely
•	Switch the BeoVision 5 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.*

### 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 BeoVision 5 to standby – the recording just continues.

*While BeoVision 5 is on...*

<b>RECORD</b>	Press to be able to start a recording
<b>RECORD</b>	Press again to start recording the programme currently being broadcast
<b>RECORD</b>	When recording is initiated on BeoVision 5, RECORD appears briefly on your screen

*During recording you can...*

<b>SAT</b>	...switch to another source than the one being recorded, or...
•	...switch BeoVision 5 to standby – the recording continues

*To return to your recording...*



<b>V TAPE</b>	Switch to the VCR
<b>STOP</b>	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! Please refer to *Register equipment connected to BeoVision 5* on page 28 for information about registering equipment in the EXTERNAL SOURCES menu.

## 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.

<b>V TAPE</b>	Press to switch on your VCR
<b>MENU</b>	Press to call up the menu overlay
	Press a coloured button on Beo4 to activate a specific function shown in the menu overlay
<b>0 – 9</b>	Press the number keys indicated in the menu to call up the specific function or service
	<i>In menus or services...</i> Move a cursor up or down, left or right in the desired direction or to the desired option
<b>0 – 9</b>	Use the number keys to enter information in menus or services when relevant
<b>GO</b>	Press to select a menu option
<b>EXIT</b>	Press to return to VCR viewing



*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 BeoVision 5 main setup menu.*

\*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, contact your Bang & Olufsen retailer to receive a complete Product List.

## TV recording from the VCR

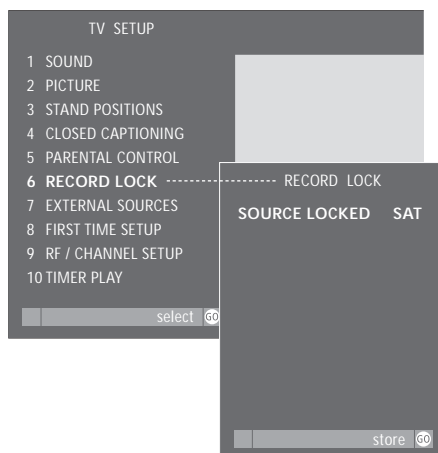
The channels you wish to record must be stored in the VCR tuner, as well as in the BeoVision 5 tuner. The recording is controlled by the VCR. For further information about recording, please refer to the VCR's own user's guide.

<b>V TAPE</b>	Press to switch on the VCR
<b>STOP</b>	Pause the VCR, if necessary
<b>RECORD</b>	Press to be able to start a recording
<b>RECORD RECORD</b>	Press to start recording. RECORD is shown on the screen
	<i>During recording you can...</i>
•	...switch BeoVision 5 to standby. The recording continues
<b>V TAPE</b>	Return to the recording
<b>STOP</b>	Press to stop the recording

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

## Record lock a source

You can lock the VCR on to the source you want to record from, and in this way ensure that there is a signal between BeoVision 5 and your VCR. This is useful when you preset a timed recording via a set-top box or other equipment connected to the V AUX sockets on BeoVision 5.



- > Press **MENU** to call up the main TV SETUP menu.
- > Press **5** to call up the RECORD LOCK menu (6 if your BeoVision 5 is equipped with a motorised stand).
- > 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, such as **TV** or **SAT**, to leave all menus, or press **STOP** to back up through previous menus.

You can switch on and operate a connected DVD player with the Beo4 remote control, once the player has been registered in the BeoVision 5 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 BeoVision 5* on the BeoVision 5 CD-rom.





## Switch on and use a DVD player

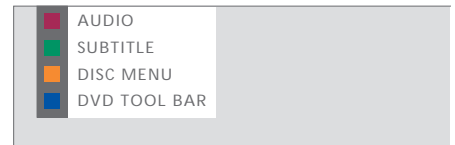
You can switch on your DVD player directly with Beo4. You can play and pause the disc.

<b>DVD</b>	Press to switch on your DVD player and start playback of a disc
<b>STOP</b>	Pause playback
<b>STOP</b>	Stop paused playback completely, or...
<b>GO</b>	...resume playback
•	Switch BeoVision 5 and the DVD player to standby

## 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.

<b>DVD</b>	Press to switch on your DVD player and start playback
<b>MENU</b>	Call up the menu overlay
	Press a coloured button on Beo4 to activate a specific function shown in the menu overlay
<b>0 – 9</b>	Use the number keys indicated in the menu to activate the specific function or service
	<i>In menus or services...</i>
	Move the cursor up or down, left or right to highlight the desired option
	
	
<b>0 – 9</b>	Use the number keys to enter information in menus or services when relevant
<b>GO</b>	Press to select a menu option
<b>EXIT</b>	Press to return to DVD viewing



An example of the Beo4 menu overlay for a 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 BeoVision 5 main setup menu.

\*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, contact your Bang & Olufsen retailer to receive a complete *Product List*.

## Use BeoVision 5 in a BeoTheatre setup

Turn your family room into a BeoTheatre setup, using the BeoVision 5 surround sound setup and a large-screen projector, connected to BeoVision 5.

If you have a home automation system connected, the screen, lights and curtains are equally adjusted when you switch to the BeoTheatre setup.

BeoVision 5 switches the picture and the display information concerning the current source to the projector screen.

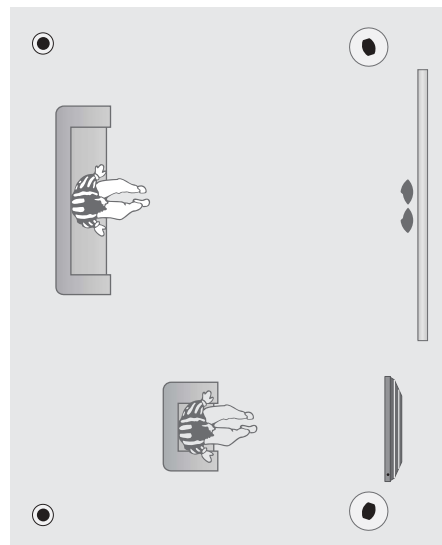
Refer to *Connect a projector to BeoVision 5* on the BeoVision 5 CD-rom for information about how to connect BeoVision 5 to a Home automation system.

### Switch to BeoTheatre setting

Use your Beo4 remote control and move the picture from the BeoVision 5 television screen onto a larger projector screen for a special occasion or movie.

<b>LIST</b>	Press LIST repeatedly to display
<b>FORMAT</b>	FORMAT in the Beo4 display
<b>0</b>	Press to switch between a BeoTheatre setting and ordinary television setting
<b>EXIT</b>	Press to exit the FORMAT function on Beo4

*To return to the ordinary family room setup, simply repeat the procedure – select FORMAT in the Beo4 display, and then press 0.*





If you have connected loudspeakers to BeoVision 5, you can select a speaker mode.

Determine which or how many loudspeakers you want to switch on when you watch, for example, the news or a movie. 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.

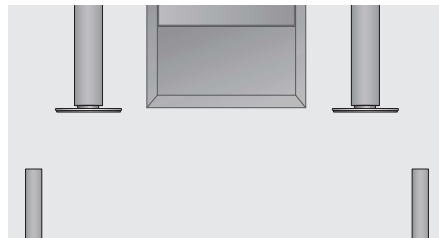
You can adjust the balance between the loudspeakers you have connected to BeoVision 5. Balance can be adjusted between left and right speakers, as well as between the front and rear speakers.

Refer to *Loudspeaker setup – surround sound* on the BeoVision 5 CD-rom for more information about connecting speakers to BeoVision 5.

## 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 BeoVision 5 to standby.

<b>LIST</b>	Press LIST repeatedly until
<b>SPEAKER</b>	SPEAKER is shown in the Beo4 display
<b>1 – 5</b>	Use the number buttons to select the speaker mode you want
<b>EXIT</b>	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 for watching, for example, 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, for example, of 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, for example, 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.

\*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.

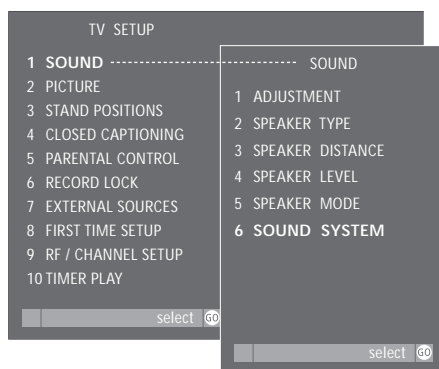
## Adjust speaker balance

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.

<b>LIST</b>	Press LIST on Beo4 repeatedly until SPEAKER is shown in the Beo4 display
<b>SPEAKER</b>	
<b>◀ ▶</b>	Press to adjust the balance between left and right speakers
<b>BAL &gt; &lt;</b>	
<b>▲ ▼</b>	Press to adjust the balance between front and rear speakers
<b>FRONT 0</b>	

## See the active sound system

If the current programme or source contains a Dolby sound system, such as Dolby Digital, you can see the name of the active sound system 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 sound variant is currently active.
- > Press **EXIT** or a source button, such as **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous 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.

If the picture format on the screen is not to your satisfaction, you can instruct BeoVision 5 to optimise the picture format for you. You can also choose to change the picture format yourself.

On BeoVision 5, picture formats are divided into three main groups:

*Format 1:* For panorama and 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* on page 10 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 BeoVision 5 to optimise the picture format for you.

- LIST**      Press LIST repeatedly until
- FORMAT**      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 1 is selected...*
- ▲      Press to switch between
- ▼      panorama and 4:3 picture format
  
- When format 2 is selected...*
- ▲      Press to move the picture up or
- ▼      down, or...
  
- LIST**      ...you can optimise the picture in
- FORMAT**      format 2 by pressing LIST until
- GO**      FORMAT is shown, followed by
- GO
  
- EXIT**      To exit the FORMAT function



*Do not allow still pictures 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. Examples of still pictures are logos, video games, computer images and images displayed in 4:3 picture format.*

## See two sources simultaneously

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

When you activate the Picture-in-Picture function, a small window is super-imposed 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 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** Press LIST repeatedly until P-IN-P appears in the Beo4 display  
**P-IN-P**

**SAT** Select which source to display in the small window\*  
**V TAPE**

**DVD** Operate this source with Beo4 as usual

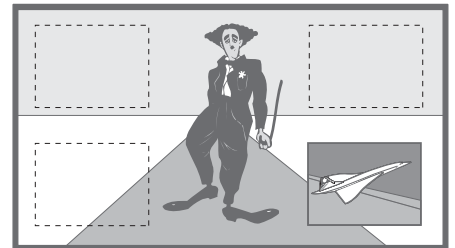
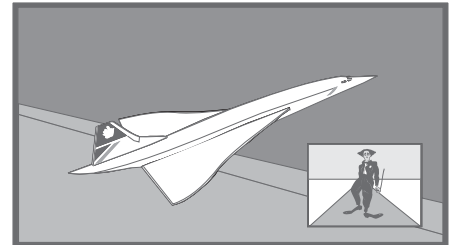
**0** Press to swap the sources

*To move the inserted picture...*

**LIST** Press LIST repeatedly until P-IN-P appears in the Beo4 display  
**P-IN-P**

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. BeoVision 5 will attempt to avoid the situation by making it impossible to activate the Picture-in-Picture function.

## Select sound type

Different sound types, such as 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 BeoVision 5 to standby or select another sound type.

<b>LIST</b>	Press LIST repeatedly until
<b>SOUND</b>	SOUND is shown in the Beo4 display
<b>GO</b>	Press GO to display the current
<b>STEREO</b>	sound type on the screen
<b>GO</b>	Press GO repeatedly to display
<b>GO</b>	and listen to the available sound types
<b>EXIT</b>	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 on the CD-rom 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* on page 30 for further information.

# Apply closed captioning

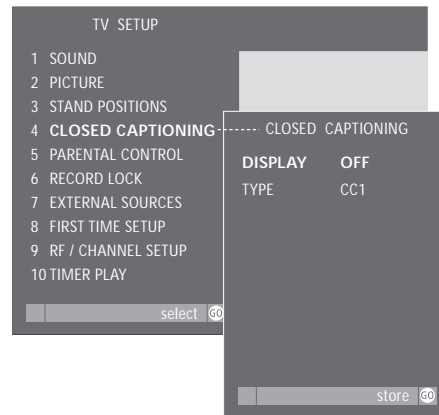
You can apply subtitles or closed captioning to all your sources and channels.

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 – for example, while watching a specific programme – even if you have preset BeoVision 5 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.



### While BeoVision 5 is on...

- > Press **MENU** to call up the main TV SETUP menu.
- > Press **3** to call up the CLOSED CAPTIONING menu (4 if your BeoVision 5 is equipped with a motorised stand).
- > 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, such as TV or SAT, to leave all menus, or press **STOP** to back up through previous menus.

### To turn closed captioning on or off while watching a programme...

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

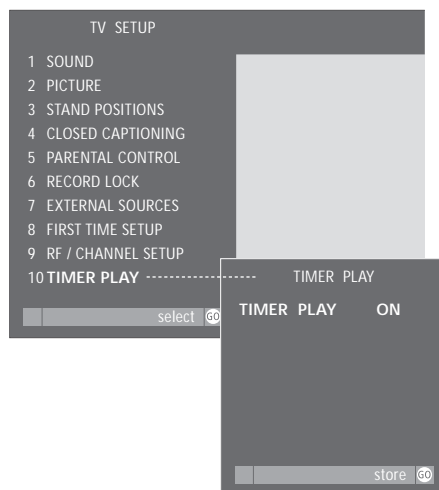
If your BeoVision 5 is integrated with a Bang & Olufsen audio system with a Master Link cable, you can – via this system – make BeoVision 5 start or stop automatically on a specific date and time, or at the same time and day every week.

Switch on the Timer play function on BeoVision 5. You can then program the timed settings on the connected audio system. The programmed source, such as CD or radio, is then played through the BeoVision 5 loudspeakers and switched off at the appointed times.

Refer to the Guide enclosed with your audio system for further information about how to program timed settings.

## Switch on the Timer play function

You must activate the Timer play function in order for your timers to be executed.



### While BeoVision 5 is on...

- > Press **MENU** on Beo4 to call up the main menu.
- > Press **9** to call up the **TIMER PLAY** menu (10 if your BeoVision 5 is equipped with a motorised stand).
- > Press **◀** or **▶** to reveal **ON**. To switch off the Timer play, select **OFF** instead.
- > Press **GO** to store the setting, or **EXIT** to leave the menu.

## Set up BeoVision 5

We recommend that you follow the procedure described below when you set up your BeoVision 5:

- Unpack the BeoVision 5 and place it as described and illustrated to the right under *Handling your BeoVision 5*;
- Consider the appropriate surroundings for your BeoVision 5. Guidelines are included to the right;
- Connect the cables, additional equipment, and speakers as described on the following pages.

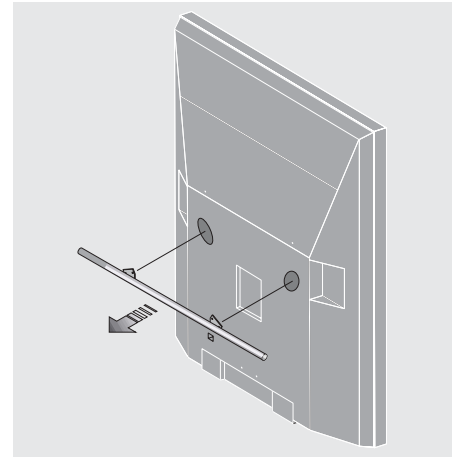
For an overview of the connection panels, refer to *Connection panels on BeoVision 5* on page 25.

### Handle your BeoVision 5

Due to the weight of BeoVision 5, any moving/lifting should always be done by two persons. BeoVision 5 is equipped with a special handle for lifting it out of the packing. After that the handle must be removed.

**NOTE!** *BeoVision 5 is not designed to stand on its own, it must be supported until mounted on the chosen bracket or stand!*

- Make sure that the BeoVision 5 is set up and connected in accordance with this Guide.
- The BeoVision 5 is developed for indoor use in dry, domestic environments only. Use BeoVision 5 within a temperature range of 10–40°C (50–105°F), and at an altitude of no more than 1500 metres (5000 ft.).
- Avoid placing your BeoVision 5 in direct sunlight or direct artificial light (such as a spotlight), as this may reduce the sensitivity of the remote control receiver. Do not place any items on top of the BeoVision 5.
- Do not attempt to open the BeoVision 5. Leave such operations to qualified service personnel.

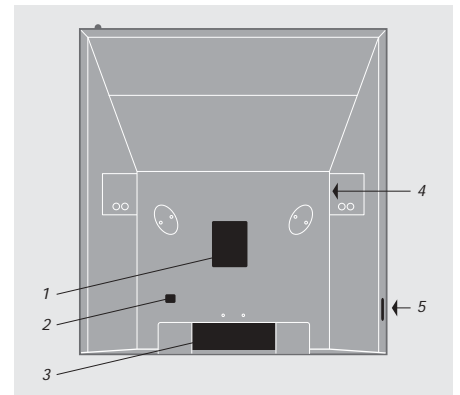


*Before placing BeoVision 5 you must remove the handle.*

### Overview of socket and connection panels

The illustration to the right shows the placement of the various socket and connection panels on the BeoVision 5:

- 1 Top connection panel
- 2 Mains connection
- 3 Bottom connection panel
- 4 PC connection socket
- 5 Close-up connection panel





Source signals and external equipment you wish to connect to BeoVision 5 must be connected to the appropriate panel. Four panels are available:

- 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 projector;
- A bottom connection panel on BeoVision 5 is for connection of additional equipment. There are sockets for extra video sources, such as a VCR or DVD player. Another group of sockets on the bottom connection panel is intended for the connection of loudspeakers in a surround sound system. The bottom socket panel contains a socket for recording purposes, and low power IR transmitter connections (for a projector and an RF cable box)\*;
- A close-up connection panel for headphones or a CamCorder;
- A PC connection socket.

Refer to *Connect video signals* on the CD-rom for information about how to connect video signals.

## Top connection panel

The following sockets and areas are available on the BeoVision 5 top connection panel:

### RF IN A

For connection of an RF signal, input A.

### RF IN B

For connection of a second or split RF signal, input B.

### MASTER LINK

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

### IR RECEIVER

For connection of an additional IR receiver.

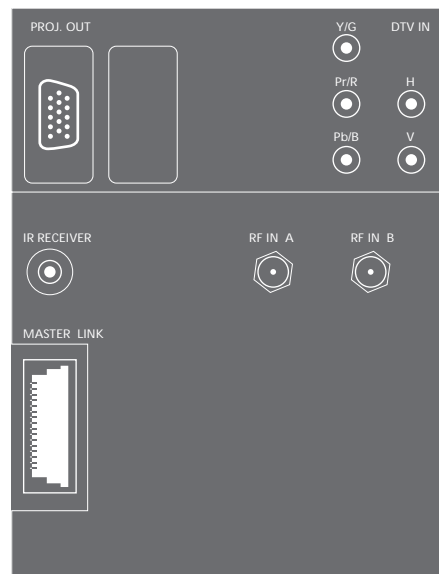
### PROJ. OUT

For connection of a large-screen projector.

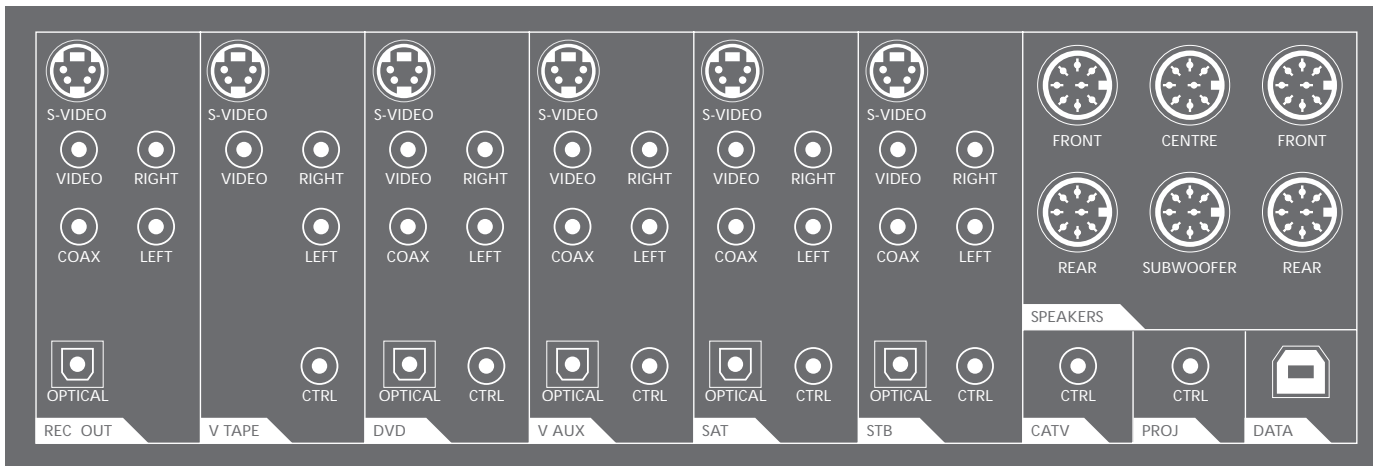
### DTV IN

Five sockets are available for connection of component signals from, for example, 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 inter-faces, 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 bottom 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 Product List available through your Bang & Olufsen retailer.



\*NOTE! The type of source you connect has to be registered in the EXTERNAL SOURCES menu. Please refer to *Register equipment connected to BeoVision 5* on page 28 for further instruction.



## Bottom 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 projector types.

### SPEAKERS

For connection of surround sound loudspeakers.

### DATA

For 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 *Connect video signals* on the CD-rom 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.

## 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).

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

### Use headphones

You can connect headphones to the PHONES socket on the BeoVision 5 close-up connection panel and listen, for example, to a CD from a connected audio system, or to a 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 BeoVision 5, you can watch your CamCorder recordings on your screen.

#### To watch CamCorder recordings on BeoVision 5...

- > Connect your CamCorder to the VIDEO, L and R sockets on BeoVision 5 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 BeoVision 5 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.

## PC connection socket

**PC IN** For connection of a video signal from a PC.

You can connect the sound signal to the L/R sockets on the close-up connection panel described on this page, or to the RIGHT and LEFT sockets in the V AUX socket area on the bottom connection panel described on the previous page. 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 BeoVision 5* on page 28 for further information.

### 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 BeoVision 5 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 'Store picture adjustments' on page 33 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 close-up connection panel.



The PC connection socket.

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

## Register equipment connected to BeoVision 5

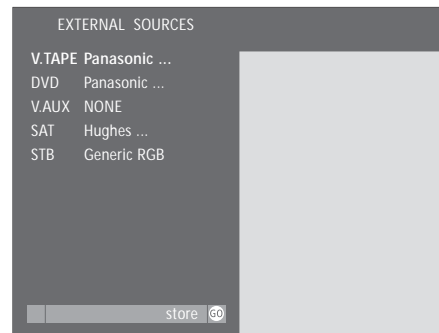
When you connect additional video sources or equipment to your BeoVision 5, you must register the equipment in an on-screen menu. This enables you to operate the equipment with your Beo4 remote control.

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 BeoVision 5* on page 25.

### 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.



#### While BeoVision 5 is on...

- > Press MENU on Beo4 to call up the main TV SETUP menu.
- > Press 6 to call up the EXTERNAL SOURCES menu (7 if your BeoVision 5 is equipped with a motorised stand).
- > 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, such as 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 Product List, which is available from your Bang & Olufsen retailer.*

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.

#### 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.
  - PC... If a PC is connected.
  - 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 Beo4's own Guide on the CD-rom for further instruction.



## Edit and fine-tune channels

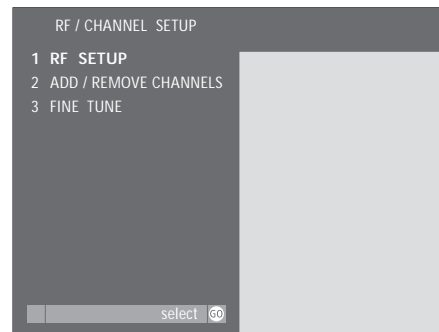
When you have connected BeoVision 5 to either a cable network or an antenna, and automatic tuning has been performed, all available channels are stored. However, it may be necessary to edit channels.

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, for example, 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.

### RF/CHANNEL SETUP menu

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



#### *While BeoVision 5 is on...*

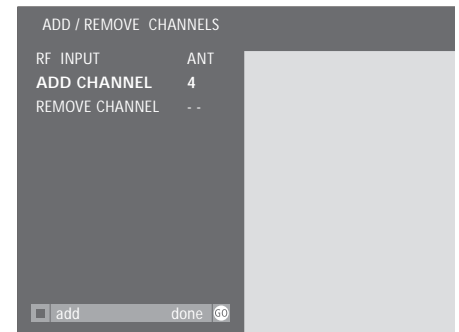
- > Press **MENU** on Beo4 to call up the main TV SETUP menu.
- > Press **8** to call up the RF/CHANNEL SETUP menu (9 if your BeoVision 5 is equipped with a motorised stand).
- > Press the number button that corresponds to the menu item you want:
  - 1 – ensure access to channels
  - 2 – add or remove 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, such as **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

### 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.



#### **What's on the ADD/REMOVE CHANNELS menu...**

##### (RF INPUT)

RF INPUT appears on the menu if you connect cable or antenna to both RF IN sockets on the BeoVision 5 top connection panel. Choose the signal type, CABLE or ANT (antenna). You can distinguish between two separate signals of the same type – for example, two cable signals – by selecting CABLE A or CABLE B.

##### 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. If you have both antenna and cable inputs, you must 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).



### What's on the FINE TUNE menu...

#### (RF INPUT)

RF INPUT appears on the menu if you connect cable or antenna to both RF IN sockets on the BeoVision 5 top connection panel. Choose the signal type, CABLE or ANT (antenna). You can distinguish between two separate signals of the same type – for example, two cable signals – by selecting CABLE A or CABLE B.

#### 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  $\pm 8$ .

#### 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 'Select sound type' on page 21.*

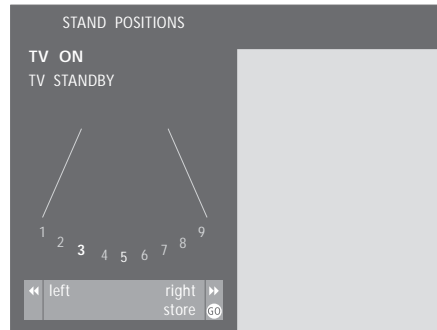
## Preset stand positions for BeoVision 5

If your BeoVision 5 is equipped with a motorised stand, you can turn the entire system to the left or right via your Beo4 remote control.

You can preset a stand position for BeoVision 5 to turn to automatically when you switch it on and want to watch TV, and a position for it to turn to when you switch it off.

### Preset stand positions

Determine a position for BeoVision 5 to turn to when you switch it off, and a position for it to turn to when you switch it on.



#### *While BeoVision 5 is on...*

- > Press **MENU** on Beo4 to access the main TV SETUP menu.
- > Press **3** to call up the STAND POSITIONS menu.
- > Use **▼ ▲** to step to TV ON or TV STANDBY.
- > Press **◀ ▶** to modify the position for the chosen option.
- > Press **GO** to store.

#### *Once you have completed menu operations...*

- > Press **EXIT** or a source button, such as **TV** or **SAT**, to exit all menus or press **STOP** to back up through menus.



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

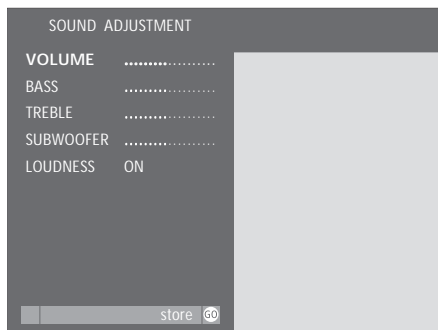
You can store a default volume level via the SOUND ADJUSTMENT menu. This determines the initial sound level when BeoVision 5 is switched on.

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.

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

### Store sound adjustments

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



#### *While BeoVision 5 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.
- > Press **EXIT** or a source button, such as **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.*

### Store picture adjustments

Store brightness, contrast, colour and tint levels for the BeoVision 5. If you have a large screen in a BeoTheatre setup, you can activate the BeoTheatre mode and store a second set of picture adjustments for this particular situation.



#### *While BeoVision 5 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), colour (COLOUR), contrast (CONTRAST) or tint (TINT) levels.
- > Press **GO** to store.
- > Press **EXIT** or a source button, such as **TV** or **SAT**, to exit all menus or press **STOP** to back up through previous menus.

## Maintenance

Normal maintenance, such as cleaning the BeoVision 5, is the responsibility of the user. To achieve the best result, follow the instructions to the right.

Any defective parts are covered by the guarantee during the warranty period. Please consult your Bang & Olufsen retailer to determine recommendations for normal maintenance.

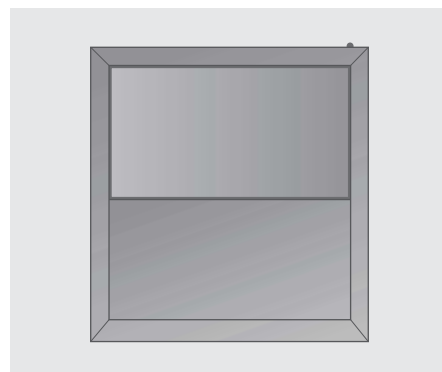
### Cleaning cabinet surfaces...

Wipe dust off the surfaces using a dry, soft cloth. Remove grease stains or persistent dirt with a lint-free, firmly wrung cloth, dipped in a solution of water containing only a few drops of mild detergent, such as washing-up liquid.

### About the plasma screen...

Clean only with a *dry, soft cloth*. Do not use liquid cleaners or aerosol cleaners.

Do not allow still pictures 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. Examples of still pictures are logos, video games, computer images and images displayed in 4:3 picture format.



*Never use alcohol or other solvents to clean any part of BeoVision 5!*

### Cleaning the Beo4...

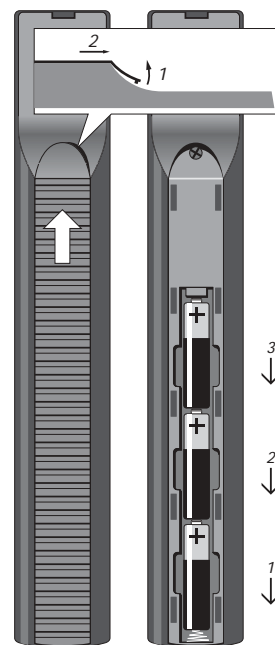
Wipe the Beo4 remote control with a soft, lint-free, wet cloth which is wrung firmly.

### Changing the batteries

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

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

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



NOTE! If the front screen glass should crack or chip, or if it should be damaged in any way, it must be replaced immediately, as it could otherwise cause injury. Please contact your Bang & Olufsen retailer.



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### For your information...

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

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

Thank you!

*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 Email:* [beoinfo1@bang-olufsen.dk](mailto:beoinfo1@bang-olufsen.dk)

*Visit our Web-site on...*  
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