

# BeoVision 7

Reference book

**IMPORTANT! All references to DVD operation apply only if your television is equipped with a DVD player.**

### **Tables of contents in the Reference book**

The contents of this Reference book is divided into sections. Each particular section starts with its own detailed table of contents provided with page references. Texts in black refers to the current section, whereas the remaining sections are described in general terms and written in grey.

#### **The main sections are:**

- Advanced operation
- Tuning and preference settings
- Placement, sockets and connections
- BeoLink system
- On-screen menus
- Index

This chapter tells you how to operate your television beyond daily use.

It also tells you how to operate a connected set-top box and other connected video equipment.

## **Advanced operation, 3**

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- Wake-up Timer, 6
- Use your television as a computer monitor, 7
- Set-top box operation, 8
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## **Tuning and preference settings, 13**

Find out how to set up your television for the first time and tune in programs. This chapter also contains information about settings for time, date, stand positions, picture and sound.

## **Placement, sockets and connections, 27**

Find out how to handle and place your television and where the sockets are placed. Find out how to connect a decoder, set-top box or BeoCord V 8000 video tape recorder to your television and how to register extra equipment. How to connect speakers and how to turn your television into a surround sound system or Home cinema, including how to choose speaker combinations.

## **BeoLink system, 49**

Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room. How to customise Beo4 to your system.

## **On-screen menus, 60**

Overview of the on-screen menus.

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## Set the television to switch itself on and off

You can make your television switch itself on and off automatically via the timed play and timed standby functions, for example, if there is a programme you do not want to miss.

Enter as many as six Timer settings, and bring up an on-screen list of the Timer settings you have entered.

From this list, you can edit or delete your Timer settings.

If your television is integrated with a Bang & Olufsen audio or video system with a Master Link cable, these systems can perform the timed play or timed standby functions as well.

For your timed settings to be executed correctly, ensure that the built-in clock is set to the correct time. For further information, refer to the chapter 'Set the time and date' on page 23.

### Before you start ...

If you connect a Bang & Olufsen audio or video product to your television with a Master Link cable, you can exclude or include it in timed functions via the *Play Timer* menu. For example, set the television's Play Timer to ON and an audio system's Play Timer to OFF if you wish timed functions to apply only to the television.

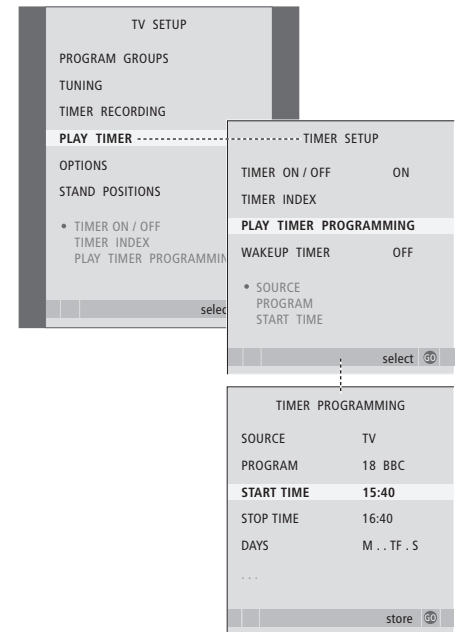
#### To switch on the Play Timer ...

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight PLAY TIMER.
- > Press **GO** to bring up the PLAY TIMER menu, and press **▼** or **▲** to highlight TIMER ON/OFF.
- > Press **GO** to bring up the TIMER ON/OFF menu.
- > Press **◀** or **▶** to reveal ON.
- > Press **GO** to store the setting.

*For further information about how to switch the Play Timer on or off for a connected Bang & Olufsen audio or video product, refer to the Guide enclosed with the product.*

### Timed play and timed standby

You can preset your television to start and stop automatically at the same time and day every week.



#### Abbreviations for days of the week:

M ...	Monday
T ...	Tuesday
W ...	Wednesday
T ...	Thursday
F ...	Friday
S ...	Saturday
S ...	Sunday

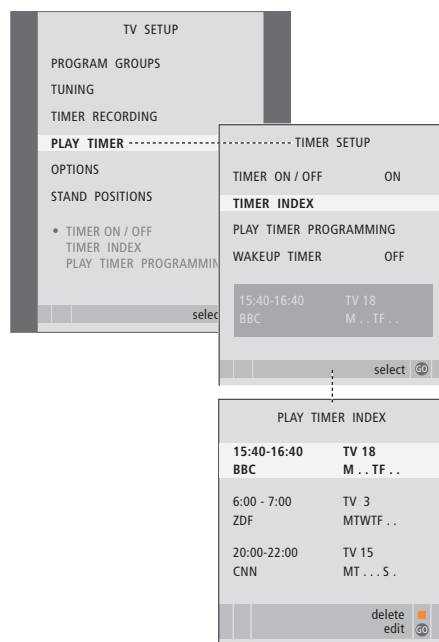
**NOTE!** If your television is set up in a link room, Timer programming must be carried out on your main room system.

## View, edit or delete a Timer

Bring up an on-screen list of the settings you have entered. From this list, you can edit or delete your Timer settings.

### To enter settings for timed play or timed standby ...

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight PLAY TIMER.
- > Press **GO** to bring up the PLAY TIMER menu and press **▼** to highlight PLAY TIMER PROGRAMMING.
- > Press **GO** to bring up the PLAY TIMER PROGRAMMING menu.
- > Press **▲** or **▼** to move through the menu items.
- > Use the number buttons to enter information or press **◀** or **▶** to view your choices for each item. When DAYS is highlighted, press **▶** once to be able to move through the days, and press **▲** or **▼** to remove a day you do not want. Press **▶** to move to the next day, and press **◀** to move back to a previous day. When the weekday(s) you want are displayed, press **GO** to accept the day(s).
- > When you have filled in the required information, press **GO** to store your Timer settings.
- > Press **EXIT** to exit all menus.



### To view, edit or delete your Timer settings ...

- > Select **TIMER INDEX** from the **TIMER SETUP** menu to bring up your list of Timer settings. The first Timer setting in the list is already highlighted.
- > Press **▲** or **▼** to move the cursor to a Timer setting you wish to edit.
- > To edit a setting, press **GO** and follow the procedure described to the left.
- > To be able to delete a selected setting, press the yellow button.
- > If you change your mind, press **◀** to move the setting back into the list. You can also press **EXIT** to exit all menus.
- > Press the yellow button a second time to delete the setting.

## Wake-up Timer

You can make the television wake you up in the morning.

The Wake-up Timer is a once-only Timer, it lasts for one hour. Like an alarm clock it is disabled once it has been executed. It applies only to the television it has been programmed on.

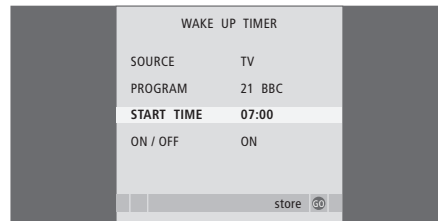
Once you have made one Wake-up Timer, the television automatically suggests the time you entered for the latest Wake-up Timer when you enter a new one.

Wake-up Timers can of course also be disabled again.

When you have programmed a Wake-up Timer, the television cannot be part of an ordinary Play Timer or Standby Timer until the Wake-up Timer has been carried out or disabled.

### Enter a Wake-up Timer

You must choose the source and program number of your Wake-up Timer as well as the start time.

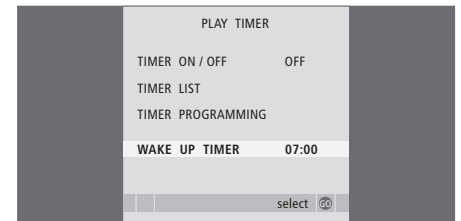


#### *To enter settings for a Wake-up Timer ...*

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight PLAY TIMER.
- > Press **GO** to bring up the PLAY TIMER menu and press **▼** to highlight WAKE UP TIMER.
- > Press **GO** to bring up the WAKE UP TIMER menu.
- > Press **▲** or **▼** to move through the menu items.
- > Use the number buttons to enter information or press **◀** or **▶** to view your choices for each item.
- > When you have filled in the required information, press **GO** to store your Wake-up Timer.
- > Press **EXIT** to exit all menus.

### Check or delete a Wake-up Timer

You can call up the settings for the Wake-up Timer to check the time or to disable the Wake-up Timer by setting it to OFF.



#### *To change settings for a Wake-up Timer or delete it ...*

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight PLAY TIMER.
- > Press **GO** to bring up the PLAY TIMER menu and press **▼** to highlight WAKE UP TIMER.
- > Press **GO** to bring up the WAKE UP TIMER menu.
- > Press **▲** or **▼** to move through the menu items.
- > Use **◀** or **▶** to change settings or enter a new time with the number buttons. Change the ON/OFF setting to OFF if you wish to delete the Wake-up Timer.
- > When you have made your changes, press **GO** to store them.
- > Press **EXIT** to exit all menus.

If you connect your television to a computer, as described on page 33, you can use it as a monitor.

Remember to register your computer in the CONNECTIONS menu. For further information about how to register the computer as a source, refer to the AV4 menu in the chapter 'On-screen menus' on page 67.

**IMPORTANT!** If you wish to connect a computer to the television and use the television as a monitor, make sure that you disconnect the television, the computer, and all equipment connected to the computer from the mains before you connect the computer and the television to each other.

When in use, the computer must be connected to a grounded wall outlet as specified in the computer's setting-up instructions.

## Bring up the computer image on the screen

To see the computer picture on the television screen, you must bring it up with Beo4.

### To bring up the computer picture ...

Press repeatedly until PC appears in the Beo4 display

**LIST**

PC

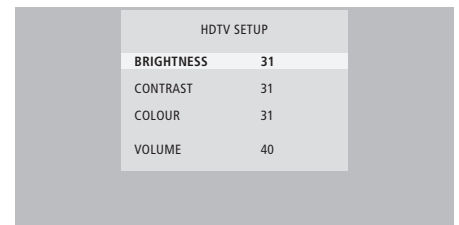
Press to bring up the picture

**GO**

You can then operate the computer as you normally would.

## Picture and sound adjustments

When you have the computer picture on the screen, you must call up the HDTV SETUP menu to make adjustments to brightness, contrast, colour and sound volume.



- > Press **MENU** to bring up the HDTV SETUP menu.
- > Press **▲** or **▼** to move between the menu options.
- > Press **◀** or **▶** to adjust settings.
- > Press **GO** to store your settings and exit the menu.

*The settings you make in this menu only apply to the HDTV SETUP. Temporary volume adjustments can be made as usual.*

## Set-top box operation

The built-in Set-top Box Controller acts as an interpreter between a set-top box of your choice and the Beo4 remote control. When a set-top box is connected, you can use the Beo4 remote control to gain access to the programs and functions offered by your set-top box.

Some functions are immediately available via Beo4 when you switch on the set-top box. Additional functions are available through a Set-top Box Controller menu that you bring up on the screen.

### Set-top Box Controller menu

Some of the buttons on your set-top box remote control are not immediately available on Beo4. To find out which Beo4 buttons activate specific services or functions in your set-top box, bring up the Set-top Box Controller menu on the screen.

Press to switch on the set-top box

**DTV**

Press to bring up the Set-top Box Controller menu

**MENU**

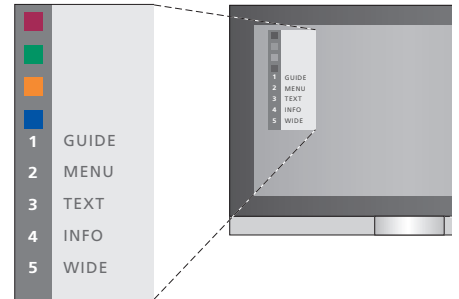
Press the number button that activates the function you want, or ...

**1 – 9**

... press one of the coloured buttons to activate a function



*When set-top box is selected as source, press MENU twice to bring up the television's main menu.*



*Example of a Set-top Box Controller menu – The Beo4 buttons are shown to the left on the menu and the set-top box buttons are shown to the right.*

NOTE! Your set-top box can be registered as STB(DTV) or STB(V.AUX) in the CONNECTIONS menu. This determines which button activates the set-top box; DTV or V.AUX.

NOTE! If your set-top box is connected to the HDTV sockets, no Set-top Box Controller menu can be shown on the screen.



## Universal Beo4 operation


If you know which Beo4 button activates the function you want, you can activate the function without bringing up the Set-top Box Controller menu first.

### *While your set-top box is activated ...*

Press GO and then the number button that activates the function you want

**GO**  
**1 – 9**

Press one of the coloured buttons to activate a function



Press GO and then ▲ or ▼ to step up or down through programs directly

**GO**  
▲  
▼

Press and hold GO to bring up the Program guide or the 'Now/Next' banner on the screen depending on your set-top box

**GO**

## Use the set-top box's own menu

Once you have activated your set-top box, you can operate the set-top box's own menus, such as the program guide, via Beo4.

### *While the set-top box's own menu is shown ...*

Moves the cursor up or down

▲  
▼

Moves the cursor left or right

◀ ▶

Selects and activates a function

**GO**  
**GO**

Press GO and then ◀ or ▶ to step between menu pages or step in program lists

**GO**  
◀ ▶


Exits menus, or returns to a previous menu\*

**STOP**

Exits menus, enters or exits different modes, such as radio

**EXIT**

Use the coloured buttons as indicated in the menus of your set-top box



*\*Depending on your set-top box, you may have to press EXIT twice instead of STOP to return to a previous menu.*

## Use a set-top box in a link room

When your set-top box is connected to the television in the main room, you can operate the set-top box from the link room television. However, the Set-top Box Controller menu cannot be displayed on the television screen in the link room.

Press to switch on the set-top box in the main room **DTV**

Press GO and then the number button that activates the function you want **GO**  
**1 – 9**

Press one of the coloured buttons to activate a function



## If you have a BeoCord V 8000 ...

Some of the features of the BeoCord V 8000 function differently with this television than described in the BeoCord V 8000 Guide, and some are not available.

It is not possible to play in slow motion, make track markers, erase track markers set automatically, or make daily or weekly Timer recordings\* as described in the BeoCord V 8000 Guide.

You can still use the Beo4 remote control to play and search through a videotape.

From the recording menu, you can check, edit or delete all the timed recordings that are waiting to be executed.

For further information about the video tape recorder, refer to its own Guide.

### Play and search through a tape

Once you have selected the video tape recorder via Beo4, all operations are carried out via Beo4. Playback of the videotape you have loaded starts automatically.

#### *To cue or wind through the tape ...*

Press ◀◀ or ▶▶ to cue backwards or forwards through the tape

Press ◀◀ or ▶▶ a second time to cue faster

Press ◀◀ or ▶▶ a third time to rewind or fast forward through the tape, or ...

... press and hold ◀◀ or ▶▶ for 2 seconds to rewind or fast forward through the tape

Press to start or resume playback **GO**

Press ▲ or ▼ to step forwards or backwards through different tracks or recordings on a tape

#### *To pause or stop a tape ...*

Press to pause the tape with the picture on the screen **GO**

Press again to resume playback **GO**

Press to stop the tape completely **STOP**

Press to switch the television and the video tape recorder to standby •

### Timed recording via teletext

You can program up to 6 timed recordings. Recordings can be programmed via the on-screen menu or directly via the relevant teletext page.

PAGE	PROGRAM	HALT	REC	SETUP	REVEAL
P202	BBC	S202	Wed 13 Oct	12:39:34	

*The menu bar on the teletext page.*

18:30-21:00	13. OCT	P1	BBC	OK?
-------------	---------	----	-----	-----

*The status line for a recording may appear above the teletext page with both start and stop times indicated, or on the actual program you want to record.*

PROGRAMMING STORED
--------------------

*The recording is now stored.*

\*NOTE! Recordings can only be made as described, if the BeoCord V 8000 is connected directly to this television.

## Record via on-screen menu

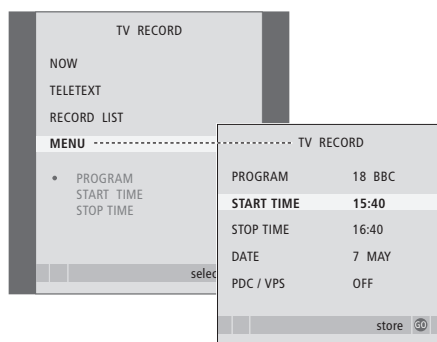
When you use the on-screen menu to program a timed recording, remember to first switch to the source (such as TV) you wish to record.

### *Insert a tape for recording ...*

- > Find the teletext page you want.
- > Press **RECORD** to be able to select a programme to record, or use **▶▶** to move to REC on the teletext menu bar and press **GO**.
- > Press **▲** or **▼** to move to the start time or the actual programme title.
- > Press **GO** to select the chosen start time or simply select the programme title.
- > If necessary, press **GO** to select the stop time, you can change the stop time by pressing **▼** and include two or three programmes in a row.
- > Check the status line for the recording, if necessary use **▲** or **▼** or the number buttons to change and **◀◀** or **▶▶** to move between the entered data.
- > Press **GO** to store the timed recording. PROGRAMMING STORED indicates that your recording is stored.

*You can also bring up the menu for making a Timer recording via the main SETUP menu for the relevant source, such as TV.*

*If the PDC/VPS option is set to ON in the BeoCord V 8000 OPTIONS menu, you do not have to select start and stop times for your recording, but only the programme name on the teletext page.*



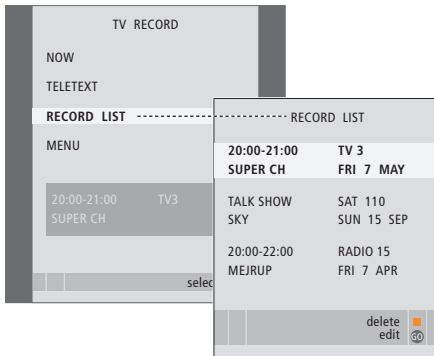
### *Insert a tape ready for recording ...*

- > Press **TV** to switch on the television or DTV to switch on a set-top box, if available.
- > Press **RECORD** on Beo4 to bring up the recording menu.
- > Press **▼** until MENU is highlighted.
- > Press **GO** to bring up the menu for setting a timed recording. START TIME is highlighted.
- > Use the number buttons or **◀◀** or **▶▶** to enter information for your timed recording; stop time, date, different program number if necessary, and activate the PDC/VPS function if available.
- > Press **▲** or **▼** to step from option to option.
- > Press **GO** to store the recording.
- > Press **STOP** to back up through previous menus or press **EXIT** to exit all menus directly.

*If PDC/VPS is an option on the menu, then you can set it to OFF or AUTO. The option you choose will be valid for this particular recording only. For further information about the PDC and VPS systems and recording, refer to the BeoCord V 8000 Guide.*

## Check the recordings already set

You can check the recordings that are waiting to be executed, as well as edit or delete them. If the timed recordings overlap, this is indicated when the recording is stored and shown in the list of recordings.



- > Press **RECORD** to bring up the recording menu.
- > Press **▼** until RECORD LIST is highlighted.
- > Press **GO** to bring up the list of recordings.
- > Press **▼** or **▲** to highlight a recording.

### To edit a highlighted recording ...

- > Press **GO** to be able to edit the recording.
- > Press **◀** or **▶** to change start and stop times, date or program number.
- > Press **▼** or **▲** to step through the options.
- > Press **GO** to store the recording and return to the list.

### To delete a highlighted recording ...

- > Press the yellow button to delete the recording.
- > Press the yellow button again to confirm, or press **◀** to move it back into the list.
- > Select another recording to delete, or press **EXIT** to exit all menus.

*Overlapping recordings are indicated by OVERLAP. A red dot indicates which recordings overlap.*

## Stop a recording in progress

To stop a recording in progress, you must access the recorder first.

### While BeoCord V 8000 is recording ...

- > Press **V MEM** to access the video tape recorder.
- > Press **STOP** to pause the recording.
- > Press **STOP** to stop the recording completely.

Find out how to perform the first-time setup procedure and tune in all available programs automatically. In addition, you can find information about how to edit tuned programs and adjust other available settings, such as time, date, picture and sound.

For information about how to place your television and connect additional video equipment, refer to the chapter '*Placement, sockets and connections*' on page 27.

## **Advanced operation, 3**

All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected BeoCord V 8000 video tape recorder.

## **Tuning and preference settings, 13**

- **First-time setup of your television, 14**
- **Edit tuned TV programs, 16**
- **Re-tune or add programs, 20**
- **Set positions for the television to turn to, 22**
- **Set the time and date, 23**
- **Adjust picture and sound settings, 24**
- **Choose menu language, 26**

## **Placement, sockets and connections, 27**

Find out how to handle and place your television and where the sockets are placed. Find out how to connect a decoder, set-top box or BeoCord V 8000 video tape recorder to your television and how to register extra equipment. How to connect speakers and how to turn your television into a surround sound system or Home cinema, including how to choose speaker combinations.

## **BeoLink system, 49**

Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room. How to customise Beo4 to your system.

## **On-screen menus, 60**

Overview of the on-screen menus.

## **Index, 75**

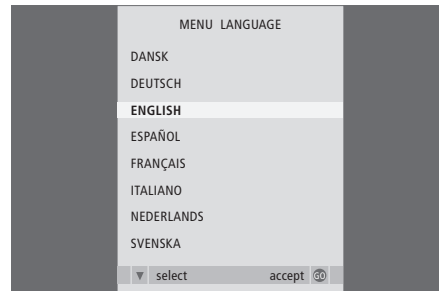
## First-time setup of your television

The setup procedure described here is activated only when the television is connected to the mains and switched on for the first time.

You must select the menu language, register any extra equipment you have connected, determine the centre position for the motorised stand – if your television is equipped with one – and start the automatic tuning of TV programs.

### Select menu language

The first time you switch on your television, you must select which language you want all the menus to be displayed in.

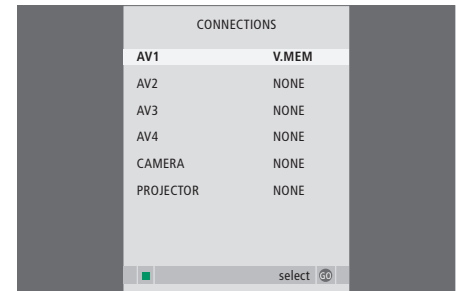


*The menu language setup appears. If you wish to change the menu language at a later date, you can find the item under **OPTIONS** in the **TV SETUP** menu.*

- > Press **TV** to switch on the television. The language menu appears.
- > Press **▲** or **▼** to move between the displayed languages, if necessary.
- > Press **GO** to store your choice.

### Register extra equipment before auto-tuning

Some extra equipment is detected by the television automatically. You can check and confirm the registration of the equipment involved.

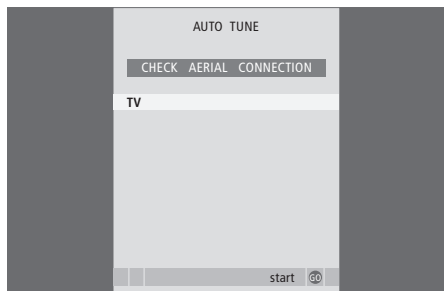


*When the **CONNECTIONS** menu appears ...*

- > Press **▲** or **▼** to step between the different socket groups: AV1, AV2, AV3, AV4, CAMERA and PROJECTOR.
- > Press **GO** to be able to register a connected product to the highlighted socket group.
- > Press **▲** or **▼** to move between the sockets in the group.
- > Press **◀** or **▶** to register what you have connected to the highlighted socket.
- > Press **GO** to be able to select another socket group.
- > When you have completed your settings, press the green button to store the setup.

## Store all programs and settings

When you have selected the menu language, a menu for program tuning automatically appears on the screen.

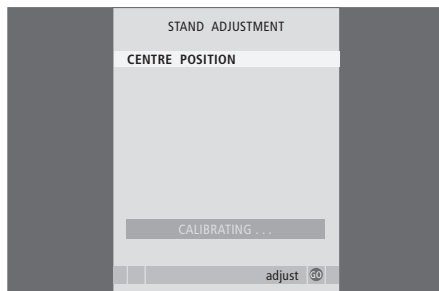


When the menu for auto tuning appears, the prompt *CHECK AERIAL CONNECTION* appears to remind you to check that your TV aerial is properly connected.

- > Press **GO** to start auto tuning. The television tunes in all available programs.

## Determine the centre position

If your television is equipped with the optional motorised stand, the **STAND ADJUSTMENT** menu appears on the screen. Once the centre position is determined, select your favourite positions for when the television is switched on and in standby.



Make sure that there is enough room for the television to turn to the right and left.

For further information about stand positions, refer to the chapter 'Set positions for the television to turn to' on page 22.

*When the **STAND ADJUSTMENT** menu appears ...*

- > Press **GO** to start stand adjustment.
- > If the adjustment is interrupted the text 'ADJUSTMENT FAILED' appears on the screen. Remove obstacles preventing the television from turning, and press **GO** to start adjustment again.
- > Once adjustment is complete, the text 'ADJUSTMENT OK' appears, followed by the **STAND POSITIONS** menu.
- > Move between the different stand positions; **VIDEO**, **AUDIO** and **STANDBY** by means of **▲** and **▼** and press **GO** to enter the menu.
- > To turn and possibly tilt the television, press **◀** or **▶** and **▲** or **▼**.
- > Press the green button to store each of the positions.

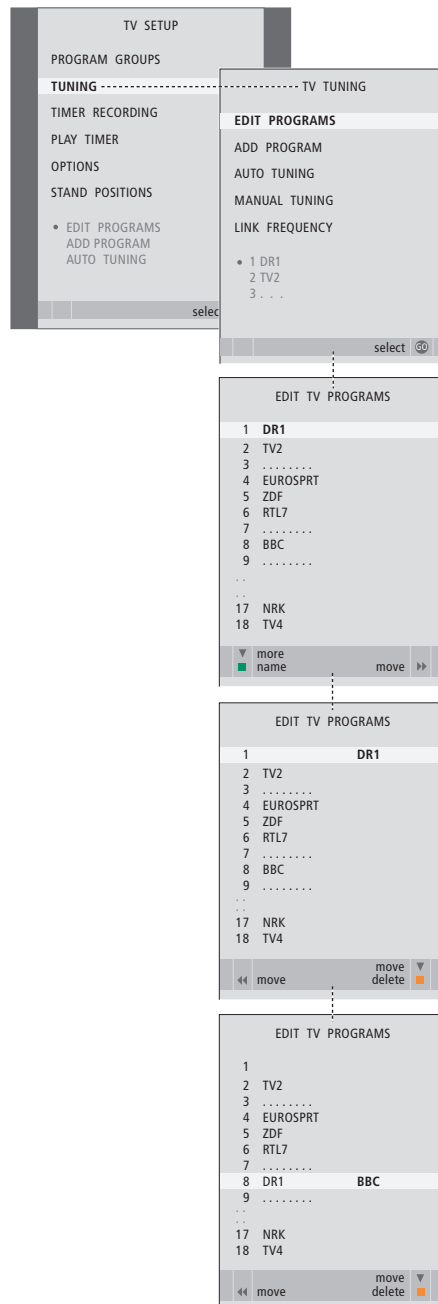
# Edit tuned TV programs

If automatic tuning of all programs has not stored the programs on your preferred program numbers or has not named all the stored programs automatically, you can rearrange the order in which the programs appear and provide them with a name of your own choice.

If the tuned programs require additional editing, such as fine tuning, use the MANUAL TUNING menu.

## Move tuned TV programs

Once automatic tuning of programs has been completed, the EDIT PROGRAMS menu appears automatically and you can move your tuned programs.

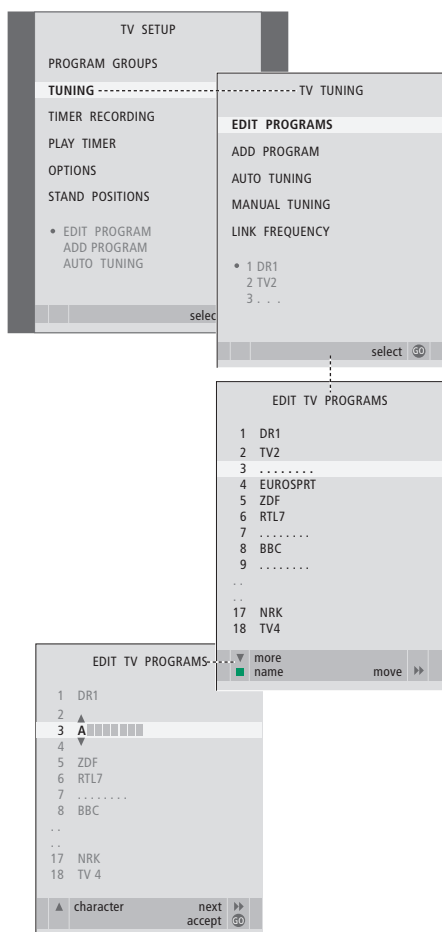


- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu, and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu. EDIT PROGRAMS is already highlighted.
- > Press **GO** to bring up the EDIT PROGRAMS menu.
- > Press **▼** or **▲** to select the program you wish to move.
- > Press **▶▶** once to be able to move the program. The program is now moved out of the list.
- > Press **▼** or **▲** to move the program to the desired program number.
- > Press **◀◀** to make the program move back into the list or change places with the program which occupies the desired program number.
- > Now, move the program which you changed places with to an empty program number or to a number already occupied and repeat the procedure.
- > When you have moved the relevant programs, press **STOP** to back up through all menus, or press **EXIT** to exit all menus.



## Name tuned programs

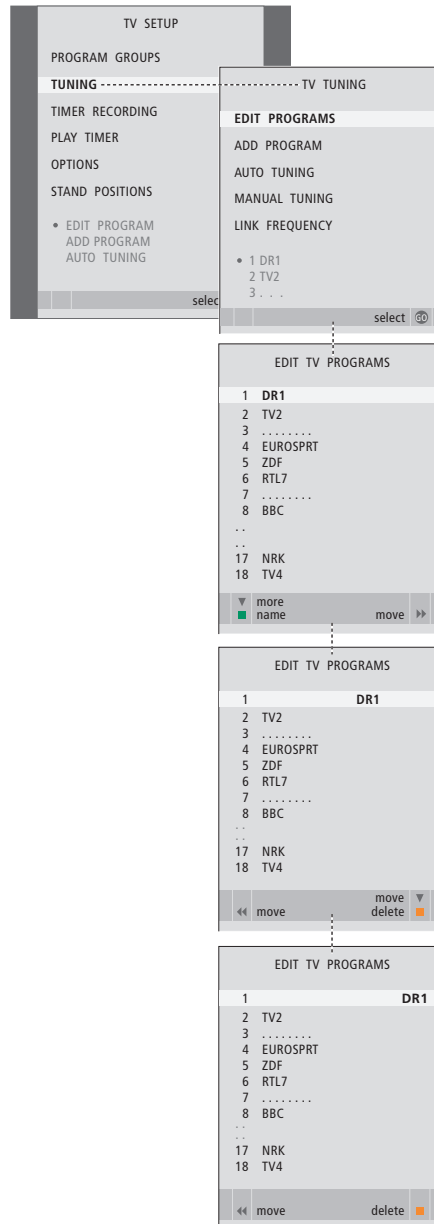
Once automatic tuning of programs has been completed, the EDIT PROGRAMS menu appears automatically and you can name the TV programs that have been tuned in.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu, and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu. EDIT PROGRAMS is already highlighted.
- > Press **GO** to bring up the EDIT PROGRAMS menu.
- > Press **▼** or **▲** to select the program you wish to name.
- > Press the green button to be able to name the program. The naming menu is now activated.
- > Press **▼** or **▲** to find the individual characters in the name.
- > Press **▶▶** to move to the next character. As you move, the television suggests possible names, but you can still use **▲** and **▼**, or **◀◀** and **▶▶** to enter or edit all the characters in the name you choose.
- > Press **GO** to store the name.
- > If necessary, repeat the procedure and name other program numbers.
- > When you have named the relevant programs, press **GO** to accept your edited list, or press **EXIT** to exit all menus.

## Delete tuned programs

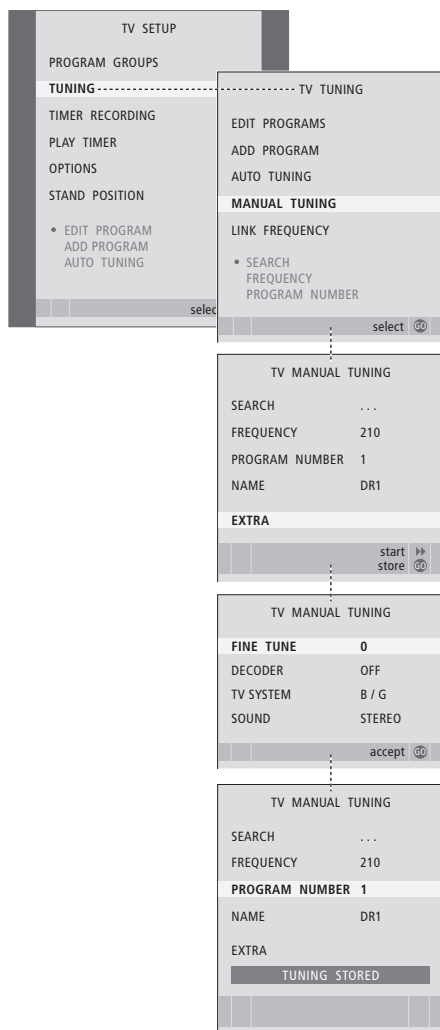
Once the automatic tuning of programs is completed, you can delete any tuned TV programs you do not want.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu. EDIT PROGRAMS is already highlighted.
- > Press **GO** to bring up the EDIT PROGRAMS menu.
- > Press **▼** or **▲** to move to the program you wish to delete.
- > Press **▶▶** to move the program out of the list.
- > Press the yellow button to be able to delete the program – the program is then shown in red.
- > Press the yellow button again to finally delete the program, or press **◀◀** twice to move the program back into the list.
- > When you have deleted the relevant programs, press **EXIT** to exit all menus.

## Adjust tuned programs

You can store TV programs on program numbers of their own. Fine tune the program reception, indicate the presence of coded programs and choose appropriate sound types for the individual programs.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu and press **▼** to highlight MANUAL TUNING.
- > Press **GO** to bring up the TV MANUAL TUNING menu.
- > Press **▼** or **▲** to move between items on the menu.
- > Press **▶▶** or **◀◀** to view your choices for each item.
- > If you choose NAME, then press the green button to start the naming procedure. Use **▼** or **▲** and **▶▶** to enter the characters in the name you choose.
- > To bring up the extra TV MANUAL TUNING menu, move to EXTRA and press **GO**. Now fine tune if relevant, or select type of sound.
- > When you have finished editing, press **GO** to accept the settings.
- > Press **GO** to store the adjusted program.
- > Press **EXIT** to exit all menus.

If the item SYSTEM appears on the menu, then make sure that the correct broadcast system is displayed before you begin tuning:

B/G ... for PAL/SECAM BG

I ... for PAL I

L ... for SECAM L

M ... for NTSC M

D/K ... for PAL/SECAM D/K

If programs are broadcasted with two languages and you want both languages, you can store the program twice, once with each language.

## Re-tune or add programs

You can make your television find your TV programs for you.

Preset up to 99 different TV programs on program numbers of their own and give each program a distinct name.

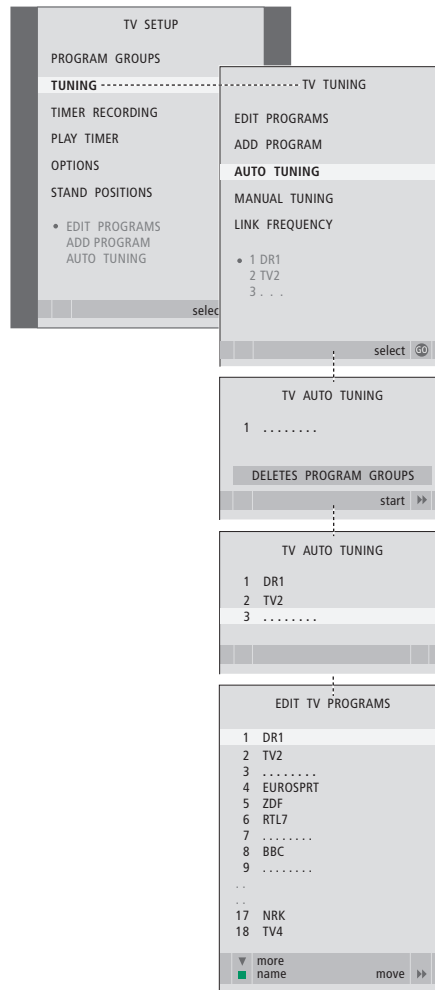
You can tune in new programs, for example, if you move – or re-tune previously deleted programs.

When tuning in programs via the ADD PROGRAM menu, your previously tuned programs are left unchanged. This allows you to keep program names, their order in the TV list, and any special settings you may have stored for those programs, such as decoder or broadcast system settings.

### Re-tune via automatic tuning

You can re-tune all your TV programs by letting the television tune in all the programs automatically.

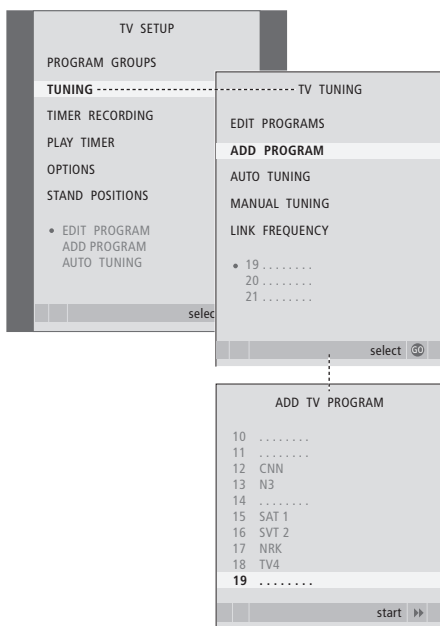
*Please note: If you re-tune all your TV programs, all Groups of programs and program settings you have made disappear!*



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu and press **▼** to highlight AUTO TUNING.
- > Press **GO** to bring up the AUTO TUNING menu.
- > Press **▶▶** to start auto tuning.
- > Once auto tuning is completed, the EDIT PROGRAMS menu appears. You can then rearrange the program order, delete programs or rename them.

## Add new TV programs

You can add a new program or update a tuned program which, for example, has been moved by the broadcaster.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu and press **▼** to highlight ADD PROGRAM.
- > Press **GO** to bring up the ADD TV PROGRAM menu.
- > Press **▶▶** to start. New programs are added automatically as they are found.
- > When tuning is completed and new programs have been added, the EDIT PROGRAMS menu appears. You can then rearrange the program order, delete programs or rename them. The cursor highlights the first new program of those just added to the list.

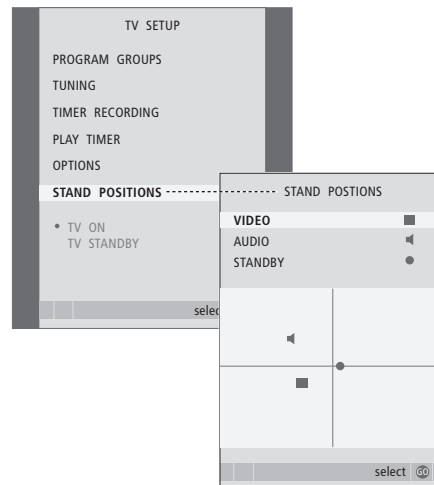
## Set positions for the television to turn to

If your television is equipped with the optional motorised stand, you can turn it using the Beo4 remote control. If the stand has a tilt function, you can also tilt it.

Furthermore, you can program the television to turn automatically to face your favourite viewing position when you switch on the television, turn to a different position when you listen to, for example, a connected radio, and turn away to a standby position when you switch it off.

You can also turn your television by hand.

Choose one position for when you switch the television on, one for audio mode, and one for when you switch it off.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight **STAND POSITIONS**.
- > Press **GO** to bring up the **STAND POSITIONS** menu.
- > Press **GO** to determine the **VIDEO** position.
- > Press **◀** or **▶** to turn the television and **▲** or **▼** to tilt it, and place it according to your viewing position.
- > Press the green button to store the position.

### *To store a stand position for when an audio source is switched on via the television ...*

- > Press **▼** to move to **AUDIO**.
- > Press **GO** to determine the **AUDIO** position.
- > Press **◀** or **▶** to turn the television and **▲** or **▼** to tilt it, and place it as you wish.
- > Press the green button to store the position.

### *To store a stand position for when the television is switched off and in standby ...*

- > Press **▼** to move to **STANDBY**.
- > Press **GO** to determine the **STANDBY** position.
- > Press **◀** or **▶** to turn the television and **▲** or **▼** to tilt it, and place it as you wish.
- > Press the green button to store the position.
- > Press **EXIT** to leave the menus.

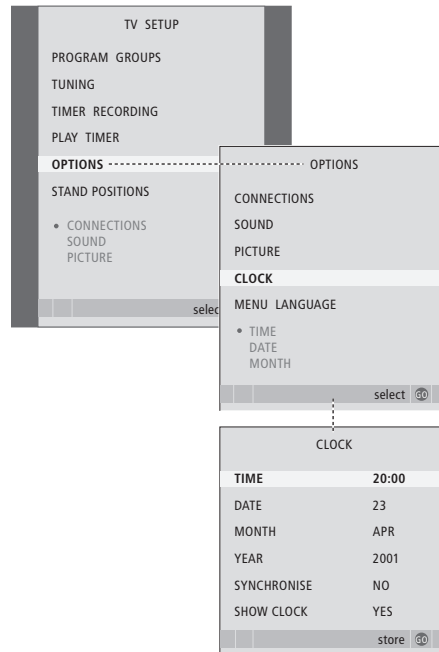
**NOTE!** For information about first-time installation of the motorised stand, refer to the chapter 'First-time setup of your television' on page 14.

When you preset your television to switch itself on or off at a particular time, or when you preset a timed recording of a programme on a connected BeoCord V 8000 video tape recorder, the clock ensures that these features are switched on and off at the right times.

The simplest way to set the clock is to synchronise it with a tuned TV program's teletext service via the CLOCK menu. If you choose to synchronise the clock, this is done with the teletext service offered by the TV program you are currently watching. If a teletext service is not available, you can set the clock manually.

Before synchronising the clock with a tuned program, make sure that the program you are watching offers a teletext service within your time zone.

To bring up the clock in the display, press LIST repeatedly to display CLOCK\* on Beo4, then press GO. To remove the clock again, repeat the procedure.



- > Press TV to switch on the television.
- > Press MENU to bring up the TV SETUP menu and press ▼ to highlight OPTIONS.
- > Press GO to bring up the OPTIONS menu and press ▼ to highlight CLOCK.
- > Press GO to bring up the CLOCK menu.
- > Press ◀ or ▶ to see your choices for each item.
- > Press ▲ or ▼ to move through menu items. It is only necessary to enter the time manually if SYNCHRONISE is set to NO.
- > Press GO to store your clock and calendar options, or ...
- > ... press EXIT to exit all menus without storing.

If the clock is not updated in the transition between summer and winter time, simply select the program with which you originally synchronised the clock, and the clock is updated.

### Abbreviations for months

Jan ...	January	Jul ...	July
Feb ...	February	Aug ...	August
Mar ...	March	Sep ...	September
Apr ...	April	Oct ...	October
May ...	May	Nov ...	November
Jun ...	June	Dec ...	December

\*NOTE! In order to display CLOCK on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 58.

## Adjust picture and sound settings

Picture and sound settings are preset from the factory to neutral values which suit most viewing and listening situations. However, if you wish, you can adjust these settings to your liking.

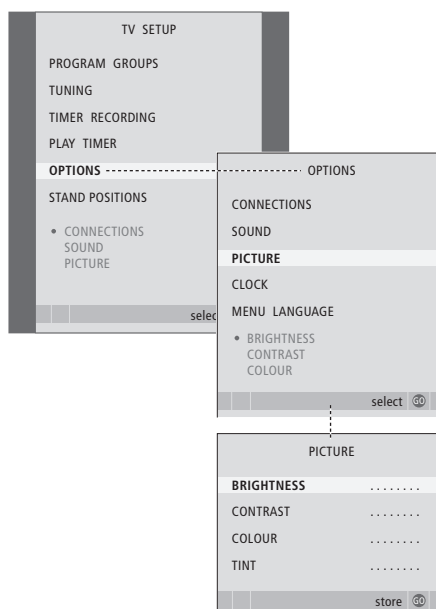
Adjust picture brightness, colour or contrast. Sound settings include volume, bass and treble.

Store your picture and sound settings temporarily – until your television is switched off – or store them permanently.

For information about how to change the picture format, refer to the chapter 'Surround sound and Home cinema' on page 10 in the Guide.

### Change brightness, colour or contrast

Adjust the picture settings via the PICTURE menu. Temporary settings are cancelled when you switch off the television.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press ▼ to highlight OPTIONS.
- > Press **GO** to bring up the OPTIONS menu and press ▼ to highlight PICTURE.
- > Press **GO** to bring up the PICTURE menu.
- > Press ▲ or ▼ to move through menu items.
- > Press ◀ or ▶ to adjust the values.
- > Press **EXIT** to store your settings until you switch off the television, or ...
- > ... press **GO** to store your settings permanently.

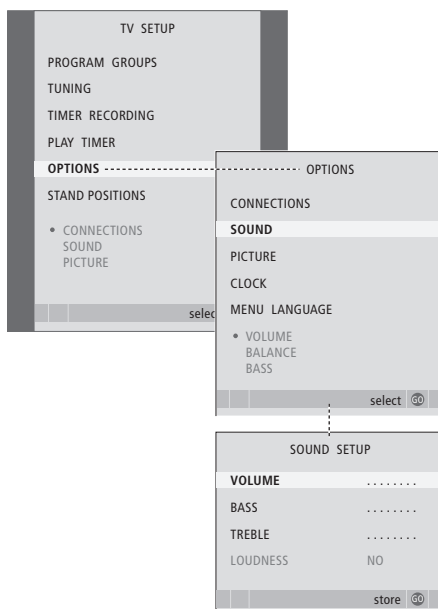
*For video sources using the NTSC signal, a fourth option – Tint (colour shade or nuance) – is available for adjustment.*

*To temporarily remove the picture from the screen, press LIST repeatedly to display P.MUTE on Beo4, then press GO. To restore the picture again, press any source button, for example, TV.*



## Change volume, bass or treble

Adjust the sound settings via the SOUND SETUP menu. Temporary settings are cancelled when you switch off the television.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press ▼ to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu and press ▼ to highlight **SOUND**.
- > Press **GO** to bring up the **SOUND** menu.
- > Press ▲ or ▼ to move through menu items.
- > Press ◀ or ▶ to adjust the values or choose a setting.
- > Press **EXIT** to store your settings until you switch off the television, or ...
- > ... press **GO** to store your settings permanently.

### If you connect loudspeakers or headphones ...

The content of the **SOUND** menu varies according to what you have connected to the television. For further information, refer to the chapter 'On-screen menus' on page 60.

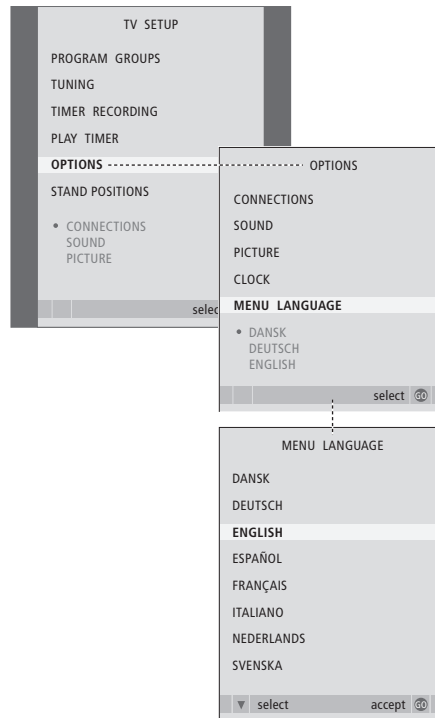
If you have connected speakers in a surround sound system, refer to the chapter 'Loudspeaker setup – surround sound' on page 42.

## Choose menu language

The menu language you choose during the first-time setup of your television can be changed at any time.

Once a menu language is chosen, all menus and display messages are shown in this language.

You can select the language for on-screen menus via the TV SETUP menu. The text on the screen changes as you move from language to language.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu and press **▼** to highlight **MENU LANGUAGE**.
- > Press **GO** to bring up the **MENU LANGUAGE** menu.
- > Use **▼** and **▲** to move to your language choice.
- > Press **GO** to make your choice.
- > Press **STOP** to back up through previous menus or press **EXIT** to exit all menus directly.

In this chapter, you can find out how to place and connect your television. It also gives you an overview of the socket panels.

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

- Unpack the television
- Consider the appropriate surroundings for your television
- Mount and connect the BeoLab 7 speaker, if available
- Mount the television on the chosen stand or bracket
- Place the television
- Connect the cables, additional equipment, and speakers

This procedure is described in detail on the following pages.

## **Advanced operation, 3**

All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected BeoCord V 8000 video tape recorder.

## **Tuning and preference settings, 13**

Find out how to set up your television for the first time and tune in programs. This chapter also contains information about settings for time, date, stand positions, picture and sound.

## **Placement, sockets and connections, 27**

- **Set up your television, 28**
- **Camera and headphones sockets, 31**
- **Socket panels, 32**
- **Connect additional video equipment, 34**
- **Loudspeaker setup – surround sound, 42**

## **BeoLink system, 49**

Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room. How to customise Beo4 to your system.

## **On-screen menus, 60**

Overview of the on-screen menus.

## **Index, 75**

## Set up your television

For information about how to fasten and run the cables on the rear of the television, refer to page 30.

For further information about the socket panels, refer to pages 32–33.

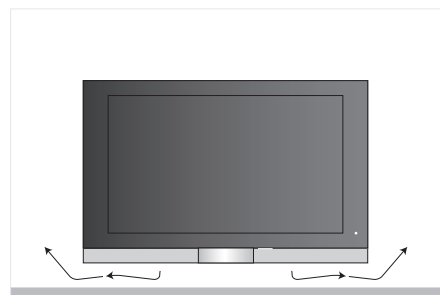
### Handling your television

Never lift the television holding only the front glass. The television is NOT designed to stand on its own, it must be supported until mounted on the chosen stand or bracket.

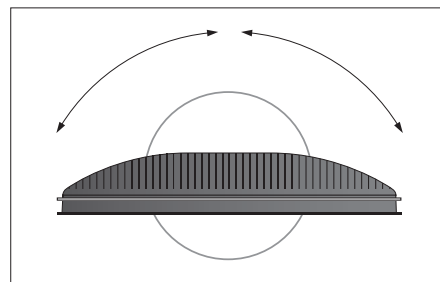
- Avoid placing your television in direct sunlight or direct artificial light, such as a spotlight, as this may reduce the sensitivity of the remote control receiver. Also if the screen is overheated, black spots may appear in the picture. These spots disappear again, once the television cools down to normal temperature.
- Make sure that the television is set up, placed and connected in accordance with this Guide. To prevent injury, use Bang & Olufsen stands or wall brackets only.
- The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–40°C (50–105°F).
- Do not place any items on top of the television.
- Always place your television on a firm and stable surface.
- Do not attempt to open the television. Leave such operations to qualified service personnel.

### Placement of socket panels

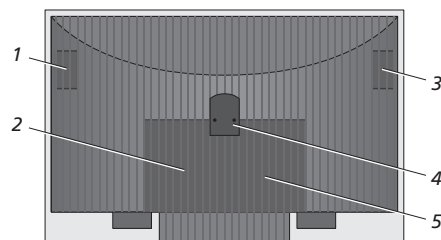
- 1 Cover for camera and headphones sockets. Push in to open, push again to close.
- 2 Cover for socket panel one. Pull out at the bottom and lift to remove.
- 3 Cover for card reader (DVB-S). Push in to open, push again to close.
- 4 Mounting bracket for stand or wall bracket.
- 5 Cover for socket panel two. Pull out at the bottom and lift to remove.



Allow enough space below the screen for adequate ventilation. Make sure not to cover the fans. If the television is overheated, a warning will appear on the screen; switch the television to standby, not off, in order for the television to cool down to normal temperature.



If you have a motorised stand or a wall bracket, leave enough space around the television to allow it to turn freely.



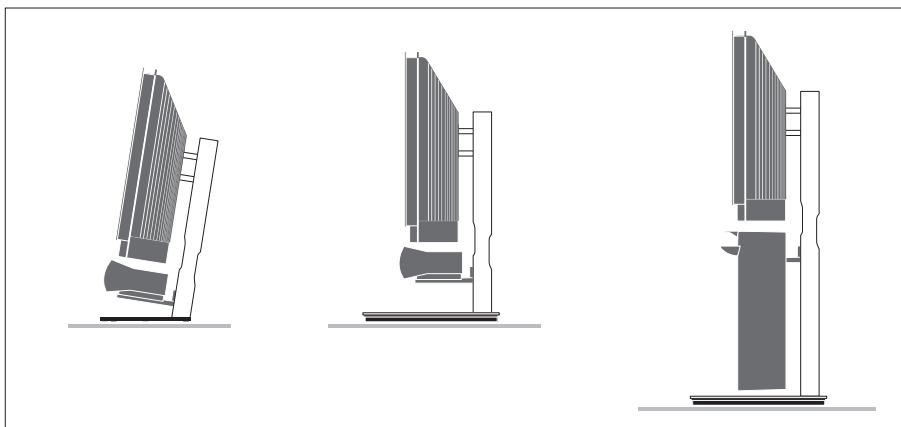
## Placement options

The television can be placed in several ways, some are illustrated to the right. Please contact your Bang & Olufsen retailer for further information.

When you mount the television on one of the floor stands or wall brackets, you can tilt the television up and down, as well as turn it left or right on some of the stands. Note, however, that only some stands can be turned and tilted with the Beo4 remote control, other stands can only be tilted manually.

While mounting the television on the stand or bracket, you can use the packaging to support the products. This eases the mounting.

Once the loudspeaker and television are both mounted on a stand or bracket, do not carry them by holding the loudspeaker.



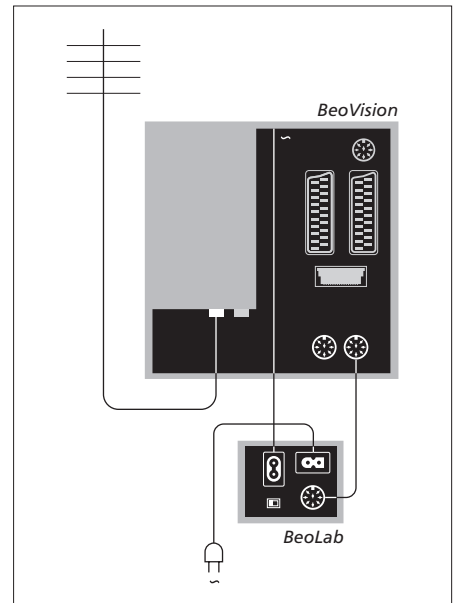
## Aerial and mains connections

When all connections are complete, switch on the mains. A tiny, red light appears at the bottom of the right hand side of the screen. The system is in standby mode and ready to be used. If your television is set up on its own, you can now tune in programs as explained in the chapter 'First-time setup of your television' on page 14.

Your television was designed to be left in standby mode when not in use. Therefore, to facilitate remote control operation, it is essential that you do not disconnect it from the mains.

The television can only be switched off completely by disconnecting it from the wall socket.

*Avoid bending, twisting or subjecting the aerial cable to pressure or impact.*



*The supplied mains cord and plug are specially designed for the television. If you change the plug or in any way damage the mains cord, it will affect the TV picture adversely!*

*We suggest that you lead the cables through the flexible cable cover before connecting them to the sockets.*

*Leave enough slack in the cable to ensure that the TV is able to tilt and turn if required – Test that the loops are big enough before using the cable tiers and mounting the cable covers.*

Connect headphones and listen to a TV programme, or connect a camera and see the pictures on the television screen, or connect a Camcorder and watch your home movies on the television.

## Watch digital pictures on your television

To watch your camera pictures, connect the camera and switch the television on. The television automatically registers the signal and you can see the still pictures on the screen.

*If the signal from the camera is switched off ...*

- > Press **LIST** repeatedly to display CAMERA on Beo4 and press **GO**.

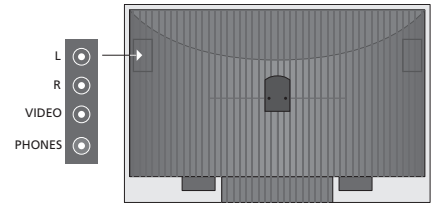
*In order to display CAMERA on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 58.*

## Watch and copy from a Camcorder

If you have connected a video tape recorder, such as a BeoCord V 8000, to your television, and you connect your Camcorder, you can copy Camcorder recordings onto a videotape.

*To copy a recording from a Camcorder ...*

- > Connect your Camcorder and start playback on the Camcorder. The television automatically registers the signal and you can see the pictures on the television screen.
- > Press **RECORD** twice to start recording.



## Sockets for temporary connections

### L – R – VIDEO

These sockets are for the connection of a camera or camcorder:

- L – R: For audio connection (left and right sound channel respectively).
- VIDEO: For the video signal.

To always activate these sockets by pressing, for example, CAMERA on Beo4, you can register the connected equipment in the CONNECTIONS menu. For further information, refer to the chapter 'Register additional video equipment' on page 40.

### PHONES

You can connect stereo headphones to the socket marked PHONES. The television speakers are muted when headphones are connected and activated again when the headphones are disconnected.

## Socket panels

The socket panels on your television allow you to connect signal input cables as well as a variety of extra equipment, such as a video recorder or a linked Bang & Olufsen music system.

Any equipment you connect to these sockets must be registered in the CONNECTIONS menu, for further information, refer to the chapter *'Register additional video equipment'* on page 40.

For further information about connecting speakers in a surround sound setup, refer to the chapter *'Loudspeaker setup – surround sound'* on page 42.

### Socket panel one

#### LINK TV OUT

Aerial output socket for distribution of video signals to other rooms.

#### TV IN

Aerial input socket from your external aerial or cable TV network.

#### DVB

For connection of an LNB. Only available if your television is equipped with the optional DVB-S module.

~

Connection to the mains.

#### STAND

For connection of a motorised stand.

#### AV 2

21-pin socket for the AV connection of additional video equipment.

#### AV 1

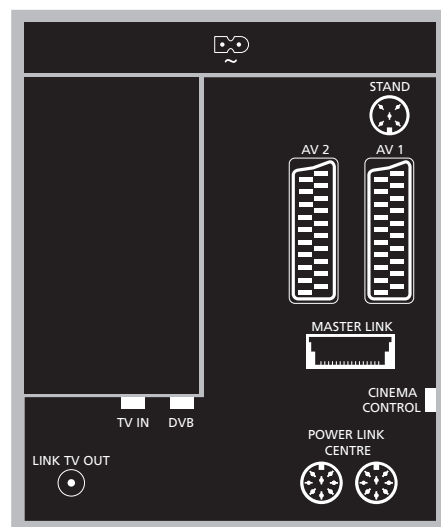
21-pin socket for the connection of a HDR 1, a set-top box, a primary decoder or a BeoCord V 8000. You can also connect other types of extra video equipment.

#### MASTER LINK

Socket for connection of a compatible Bang & Olufsen music system. The socket is also used for BeoLink distribution of sound throughout the house.

#### POWER LINK CENTRE

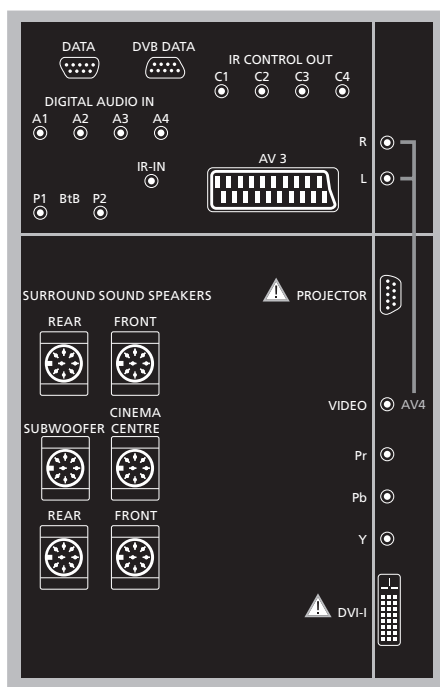
For connection of a centre speaker such as BeoLab 7. For further information about connecting speakers, refer to the speaker's own Guide.



#### CINEMA CONTROL

If your television is equipped with the optional Cinema Control feature, you can control, for example, projector screen, lights and blinds with the Beo4 remote control. Contact your Bang & Olufsen retailer for further information.





### To connect a computer to the television ...

- > **IMPORTANT!** Disconnect the television, the computer, and all equipment connected to the computer from the mains.
- > Using the appropriate type of cable, connect one end to the DVI or VGA output socket on your computer, and the other end to the DVI socket on the television.
- > To hear sound from the computer in the television speakers, use the appropriate cable and connect the sound output on the computer to the R-L sockets on the television.
- > Reconnect the television, the computer, and all equipment connected to the computer to the mains. Remember, the computer must be connected to a grounded wall outlet as specified in its setting-up instructions.

## Socket panel two

### DATA

Only for use in Hotel setups.

### DVB DATA

For service use.

### IR CONTROL OUT (C1 – C4)

For IR control signals to external equipment connected to one of the AV sockets.

### DIGITAL AUDIO IN (A1 – A4)

For digital sound input from external equipment connected to one of the AV sockets.

### IR-IN

For connection of external IR receiver used in connection with Home cinema setups, where the screen covers the IR receiver of the television.

### P1 BtB P2

Only for use in Hotel setups.

### AV 3

21-pin socket for the AV connection of additional video equipment.

### PROJECTOR

For connection of a projector in a Home cinema setup.

### FRONT

The two sockets are used for connecting the external front speakers in a surround sound setup.

### SUBWOOFER

Socket used for connecting a BeoLab 2 subwoofer.

### CINEMA CENTRE

Socket used for connecting an external centre speaker in a Home cinema setup if, for example, a screen covers the television speaker.

### REAR

The two sockets are used for connecting the external rear speakers in a surround sound setup.

### AV4

R-L ... Right and left line signal. To connect digital audio, use one of the DIGITAL AUDIO IN sockets (A1 – A4) and set it up in the AV4 connections menu.

VIDEO ... For connection of a video signal.

### Y – Pb – Pr

For connection of video signal from an external source such as an HDTV source, can be used in conjunction with an AV socket – or a digital audio socket.

### DVI-I

For connection of an external PC. Supported formats are: DVI and VGA, 60 Hz, 640 × 480, 800 × 600, 1024 × 768, 1280 × 720, 1366 × 768.

### DVI-I (applies only to televisions equipped with the HD-ready feature)

For connection of analogue or digital video signal, can be used in conjunction with an AV socket or digital audio sockets. Supported formats are: DVI and VGA, 60 Hz, 640 × 480, 800 × 600, 1024 × 768, 1280 × 720, 1366 × 768 and 480i, 576i, 1080i, 480p, 576p, 720p, 50Hz, 576i, 1080i, 576p and 720p.

## Connect additional video equipment

This chapter describes how to connect additional video equipment to the television.

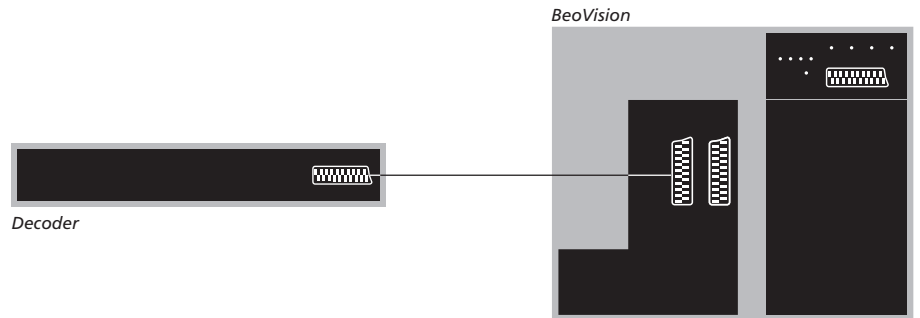
A decoder can be connected to the television via the AV sockets. If your setup also includes a Bang & Olufsen video recorder, you should connect the decoder to the video recorder.

A set-top box can be connected to any of the AV sockets.

When you connect a Bang & Olufsen video recorder, you must connect it to the AV1 socket, the television detects the connection automatically.

Make sure that all connected equipment is registered in the CONNECTIONS menu. For further information, refer to the chapter 'Register additional video equipment' on page 40.

### Connect a decoder



Disconnect all involved systems from the mains before you connect external equipment.

- > Connect the cable from the external aerial to the socket marked TV IN on the television.
- > Connect the decoder to one of the 21-pin AV sockets on the television.

*If you wish to connect an RF decoder, remember to connect the external aerial cable to the decoder input socket and then forward the signal or cable to the television's aerial socket (marked 'TV IN').*

### Tuned programs and decoder detection

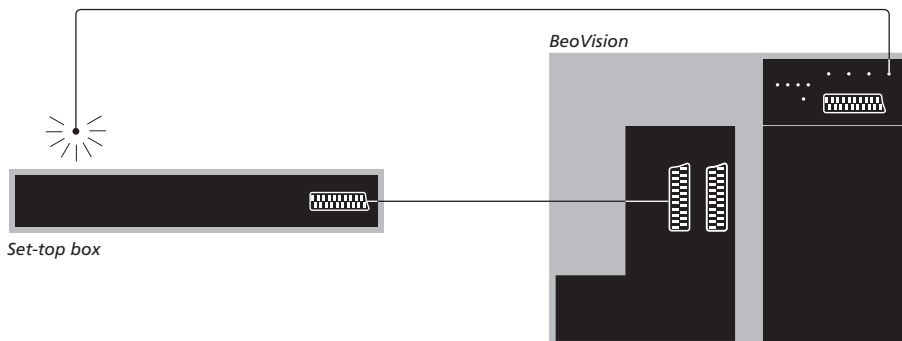
In most cases, a connected decoder is registered automatically during tuning. The decoder should automatically detect those programs which require decoding. However, if this is not the case, then adjust the setting via the MANUAL TUNING menu for the program in question. Please refer to the sub-section entitled 'Adjust tuned TV programs' in the chapter 'Edit tuned TV programs' on page 19.

## Connect a set-top box

Disconnect all involved systems from the mains before you connect external equipment.

- > Connect one end of a 21-pin AV cable to the set-top box.
- > Run the cable to the one of the 21-pin AV sockets on the back of the television.
- > If your set-top box is equipped with digital audio out, connect it to one of the DIGITAL AUDIO IN sockets.
- > If your set-top box delivers HDTV video signal, and your television is HD-ready, connect the set-top box to either the DVI-I or Y-Pb-Pr sockets also.
- > Connect the IR transmitter to one of the IR CONTROL OUT sockets on the television.
- > Fasten the IR transmitter to the IR receiver of the set-top box.

*To be able to use the remote control included with your set-top box, do not cover its IR receiver entirely.*



### Automatic standby ...

When you register a set-top box in the CONNECTIONS menu, you can also select an 'AUTO STANDBY' time for your set-top box. This means that you can select if the connected set-top box should switch to standby automatically.

#### The options are:

AFTER 0 MIN ... The set-top box switches to standby immediately when you select another source.

AFTER 30 MIN ... The set-top box switches to standby 30 minutes after you have selected another source\*.

AT TV STANDBY ... The set-top box switches to standby when you switch the television to standby.

NEVER ... The set-top box does not switch to standby automatically.

FOLLOW TV ... The set-top box switches on, when you switch your television on and it switches to standby, when you switch your television to standby.

*\*If you switch the television to standby before the 30 minutes have passed, the set-top box is also switched to standby.*

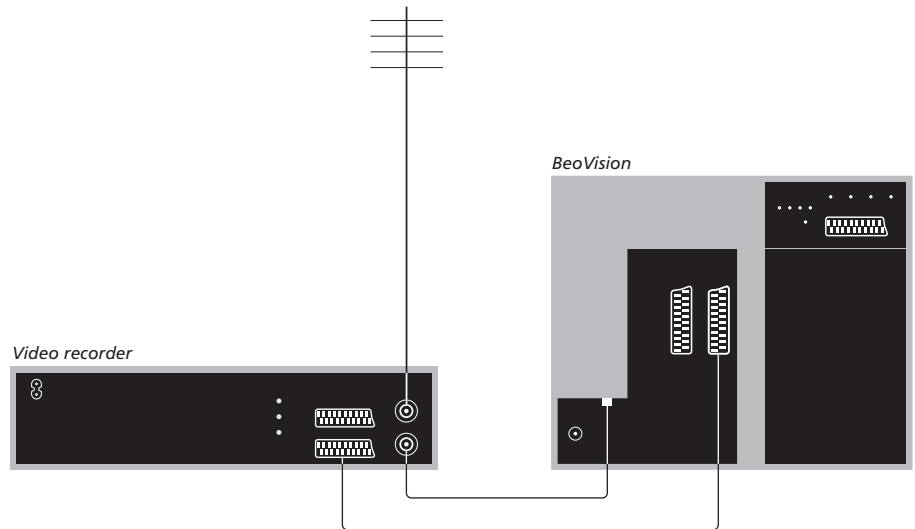
*Set-top boxes must be set up in accordance with the documentation enclosed with them.*

### Connect a Bang & Olufsen recorder

Disconnect all involved systems from the mains before you connect external equipment.


- > Connect one end of a 21-pin AV cable to the AV socket on the rear of the recorder.
- > Then run the cable to the AV1 socket on the back of the television.

*If the connection between the television and recorder is lost or not connected appropriately, then CONNECTION LOST appears on the screen when you try to program a timed recording. Restore the connection and try again.*



### Aerial connection

Use your external aerial connection (or cable TV network connection) and the aerial cable supplied with the video recorder.

- > Connect the cable from your external aerial to the signal input socket marked  on the rear panel of the recorder.
- > Direct the aerial signal to the television, using the aerial cable supplied with the recorder.
- > Plug one end into the socket marked 'TV' on the recorder and the other end into the aerial socket marked 'TV IN' on the television's socket panel.

## Connect a set-top box to a Bang & Olufsen recorder

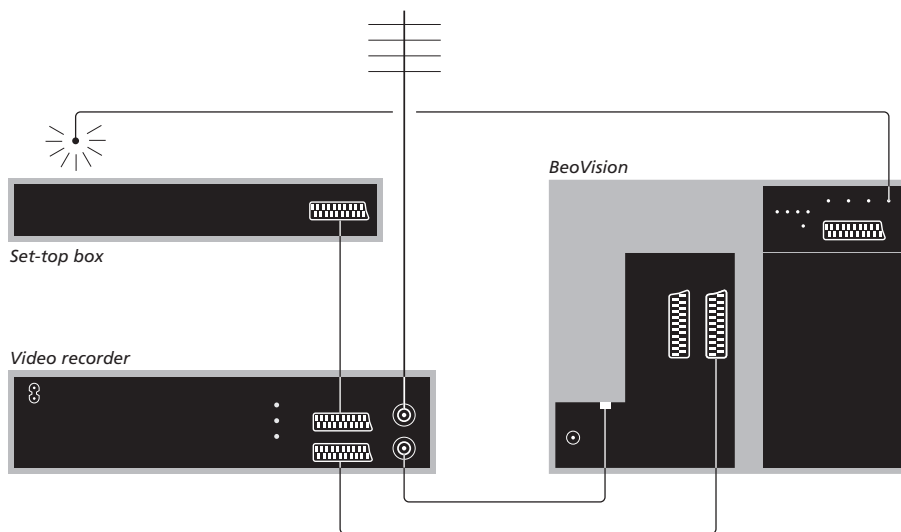
Disconnect all involved systems from the mains before you connect external equipment.

- > Connect one end of a 21-pin AV cable to the set-top box.
- > Run the cable to the DECODER or AUX socket on the back of Bang & Olufsen recorder.
- > Use another 21-pin AV cable to connect the video recorder to the AV1 socket on your television.
- > Connect the IR transmitter to one of the IR OUTPUT sockets on the television.
- > Fasten the IR transmitter to the IR receiver of the set-top box.

Note: Only BeoCord V 8000 with software version 3.1 or higher can be connected this way. Please contact your retailer, if you require further information.

You must connect your set-top box to the video recorder to be able to record set-top box programs.

While recording from the set-top box, you cannot watch a different set-top box program at the same time.



### Automatic standby ...

When you register a set-top box in the CONNECTIONS menu, you can also select an 'AUTO STANDBY' time for your set-top box. This means that you can select if the connected set-top box should switch to standby automatically.

### The options are:

- AFTER 0 MIN ... The set-top box switches to standby immediately when you select another source.
- AFTER 30 MIN ... The set-top box switches to standby 30 minutes after you have selected another source\*.
- AT TV STANDBY ... The set-top box switches to standby when you switch the television to standby.
- NEVER ... The set-top box does not switch to standby automatically.
- FOLLOW TV ... The set-top box switches on, when you switch your television on and it switches to standby, when you switch your television to standby.

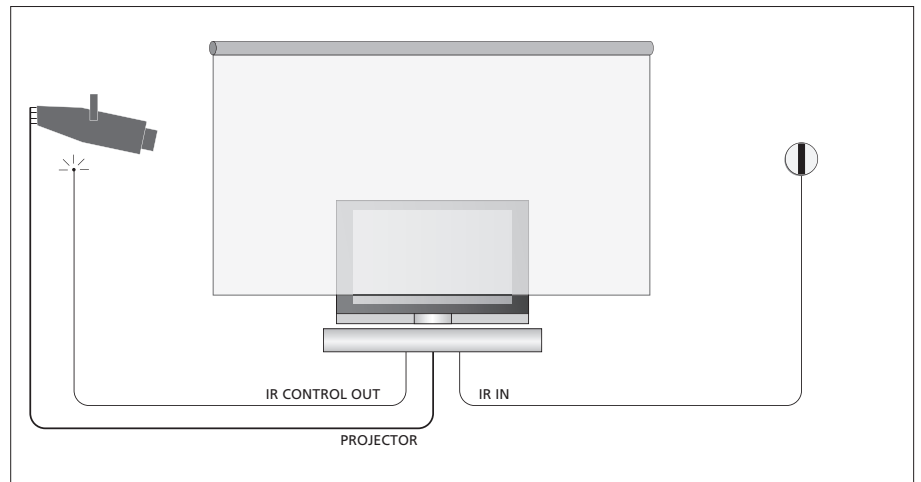
*\*If you switch the television to standby before the 30 minutes have passed, the set-top box also switches to standby.*

## Connect a projector for Home cinema

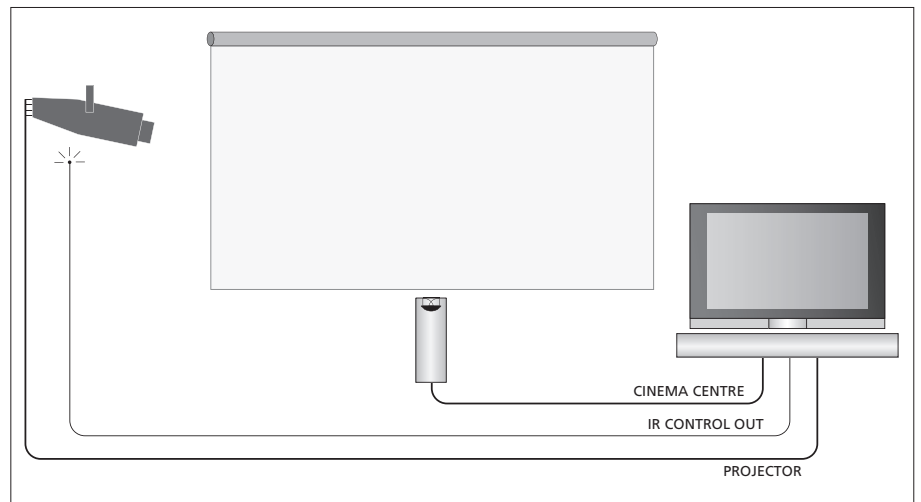
You can turn your family room into a Home cinema experience by connecting a large-screen projector to the television.

If your television is equipped with the Cinema Control feature, you can operate, for example, the lights and blinds with the Beo4 remote control. For further information, contact your Bang & Olufsen retailer.

For further information on loudspeaker setup in connection with a Home cinema setup, refer to the chapter 'Loudspeaker setup – surround sound' on page 42.



*If the screen covers your television when it is lowered, you must connect an additional IR receiver to enable remote control of the television.*



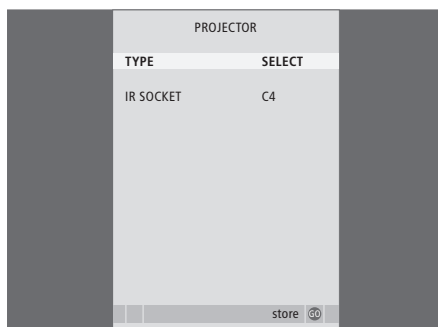
*You can also connect an external centre speaker in front of the screen to ensure optimum sound experience.*

### Connect a projector

- > Connect a low-power IR transmitter to one of the IR CONTROL OUT sockets (C1–C4) on the rear of the television and mount it near the IR receiver on the projector; enabling Beo4 remote control operation of the projector.
- > Connect the projector to the PROJECTOR socket of the television.
- > Complete your projector setup.

If necessary, connect an IR receiver to the IR IN socket on the television, and mount the IR receiver as explained in the instructions enclosed with the receiver.

For further information about the placement of sockets, refer to the chapter 'Socket panels' on page 32.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu. **CONNECTIONS** is highlighted already.
- > Press **GO** to bring up the **CONNECTIONS** menu.
- > Press **▼** to move to the **PROJECTOR** and press **GO** to bring up the **PROJECTOR** menu.
- > Press **▶▶** to switch between the settings. To be able to select a projector type, set the field to 'SELECT'.
- > Press **▼** to move to **IR SOCKET** and press **◀◀** or **▶▶** to select the IR socket used for the projector.
- > Press **GO** to store your setup, or ...
- > ... press **EXIT** to exit the menu without storing.
- > When you have set the 'TYPE' to 'SELECT' you will be prompted to select your projector from an on-screen list.

### Switch to Home cinema ...

Press repeatedly to display **FORMAT** on Beo4

**LIST**

**FORMAT**

Press to switch between Home cinema mode and ordinary TV mode

**0**

Press to leave the format function

**EXIT**

## Register additional video equipment

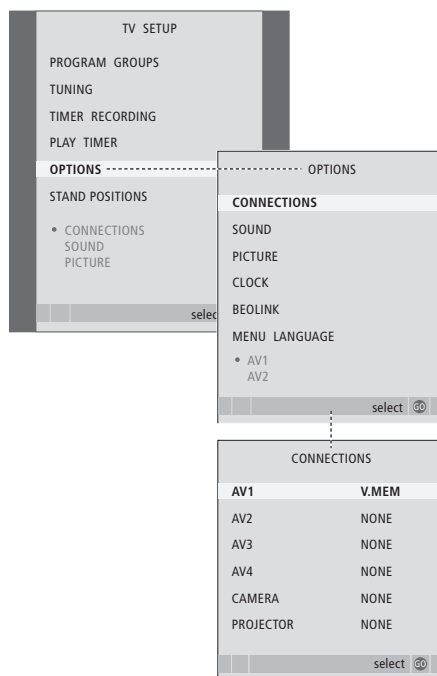
If you connect additional video equipment to your television, you must register the equipment in the CONNECTIONS menu.

When the system is first set up, the equipment connected at that particular moment is detected by the television, and the CONNECTIONS menu appears automatically on the screen. If you connect equipment at a later date, on a permanent basis, then you must register this equipment in the CONNECTIONS menu.

For information about where and how to connect extra equipment, refer to the previous pages and the chapter 'Socket panels' on page 32.

### What is connected?

Registering the equipment connected to the television enables you to activate it with the Beo4 remote control.



- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu. **CONNECTIONS** is highlighted already.
- > Press **GO** to call up the **CONNECTIONS** menu.
- > Press **▲** or **▼** to step between the different socket groups: AV1, AV2, AV3, AV4, CAMERA and PROJECTOR.
- > Press **GO** to be able to register a connected product to the highlighted socket group.
- > Press **▲** or **▼** to move between the sockets in the group.
- > Press **◀** or **▶** to register what you have connected to the highlighted socket.
- > Press **GO** to be able to select another socket group.
- > When you have completed your settings, press **STOP** to back up through previous menus or press **EXIT** to exit all menus directly.



When you have connected additional video equipment to your television, you must also 'tell' the system if you have made additional connections, such as connecting a digital sound input, a digital video signal or an IR transmitter.

If you connect, for example, a BeoCord V 8000 or a HDR 1 and connect a set-top box to it, the menu item APPEND SOURCE appears in the AV1 menu, there you select STB and you must then select which box you have connected.

For further information about the CONNECTIONS menu, refer to the chapter 'On-screen menus' on page 60.



*If you have connected a set-top box, you will be prompted to select your set-top box from an on-screen list when you select STB in the CONNECTIONS menu.*

*If, for some reason, you disconnect the extra equipment and then disconnect the television from the mains, you may have to register the equipment again upon reconnection, even if you have not changed your setup of extra equipment.*

## Loudspeaker setup – surround sound

Add four Power Link speakers to your setup and a BeoLab 2 subwoofer and you have a surround sound system.

A surround sound setup fits easily into your living room. Let the picture determine your ideal listening and viewing position. You get the best sound experience in the area created by the speakers.

Enter the distances to each speaker in a menu.

In a surround sound setup, you must calibrate the speakers. To calibrate means to set the balance between speakers. Refer to the following pages for further instruction.

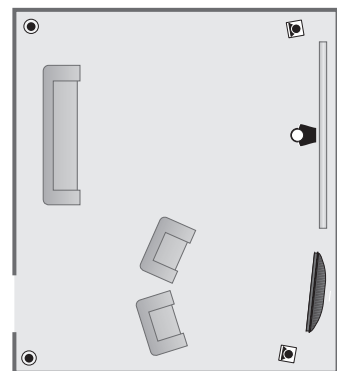
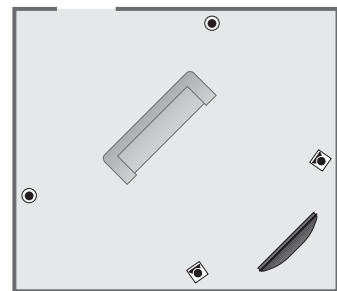
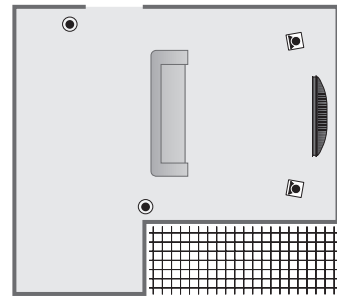
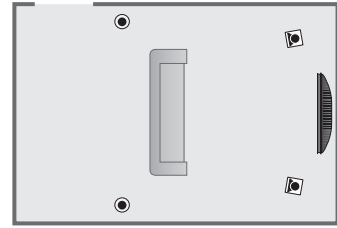
For further information about Home cinema and connecting a projector, refer to the chapter 'Connect a projector for Home cinema' on page 38.

### Place external speakers

The four illustrations to the right show examples of how you can place the television and speakers in a surround sound setup.

*The following guidelines apply for all speaker setups:*

- If you have two different sets of speakers, always use your most powerful speakers as front speakers.
- Place your speakers where you want them before you connect them.
- Place your rear speakers on either side behind your favourite listening position.
- You do not necessarily have to place the speakers in the corners of the room.
- If you want to connect a BeoLab 2 subwoofer, refer to the subwoofer's own Guide.



## Connect speakers

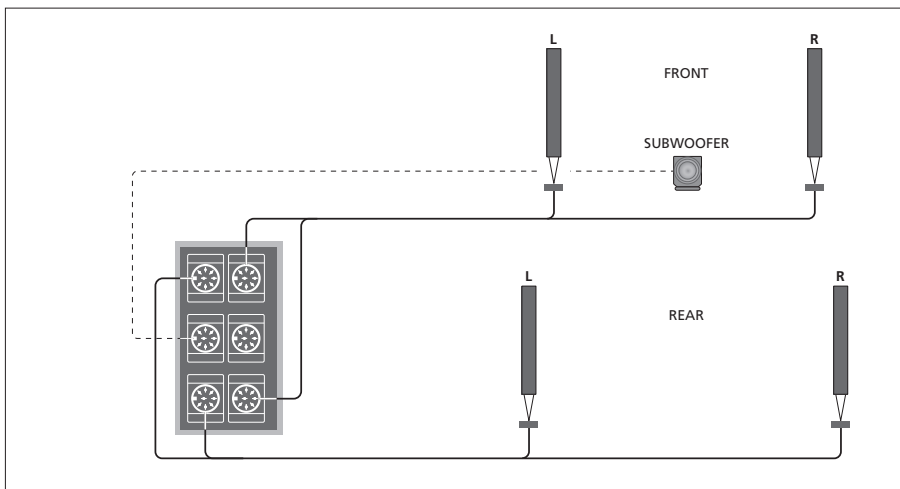
Connect Bang & Olufsen speakers and a BeoLab 2 subwoofer to the connection panel at the back of the television. The speakers must be Bang & Olufsen Power Link speakers.

### To connect speakers ...

- > Use the cables enclosed with the speakers.
- > Connect the two front speakers to the sockets marked FRONT.
- > Connect the two rear speakers to the sockets marked REAR.
- > Connect the subwoofer to the socket marked SUBWOOFER.

You can loop the signals from speaker to speaker (as described in the Guide enclosed with your speakers), or you can connect each speaker to a socket. Longer cables and adaptors are available from your Bang & Olufsen retailer.

*Remember to set the L – R – LINE switch on both the front and rear set of speakers to L or R (left and right channel) to indicate their position in each set. Set the left speakers to L and the right speakers to R.*



SPEAKER TYPE	
CENTRE	BEOLAB 7-2
CONFIGURATION	SINGLE
FRONT	BEOLAB 8000
REAR	BEOLAB 8000
SUBWOOFER	YES
EXT. CENTRE	BEOLAB 7-4
CONFIGURATION	SINGLE
store GO	

- > Press **MENU** to bring up the TV SETUP menu and press ▼ to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu and press ▼ to highlight **SOUND**.
- > Press **GO** to bring up the **SOUND SETUP** menu and press ▼ to highlight **SPEAKER TYPE**.
- > Press **GO** to bring up the **SPEAKER TYPE** menu.
- > Press ◀ or ▶ to reveal your speaker type and ▼ to move on to the next speaker set or configuration. Choose **NONE** if no speakers are connected.
- > If you have a BeoLab 2 subwoofer, press ▼ to move the cursor to **SUBWOOFER** and press ▶ to change the field to **YES**.
- > Press **GO** to store or **EXIT** to leave the menu without storing.

## Set speaker distance

Switch on the television from your favourite viewing position. Enter the straight-line distances in metres between your position and the individual speakers.

If you have connected one or a pair of external centre speakers, and positioned them in front of the screen for your Home cinema setup (as illustrated to the far right, the (A) position), you must enter the distances from your Home cinema viewing position too.

*You do not have to enter a distance for a BeoLab 2 subwoofer, as the placement of a subwoofer has little impact on the sound.*

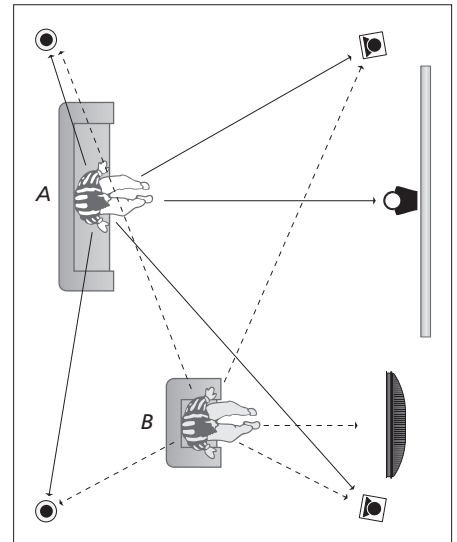
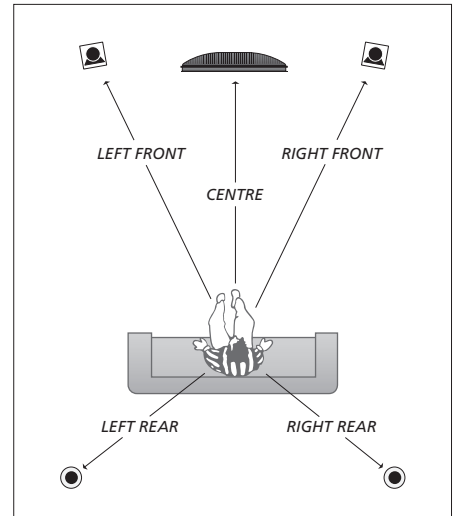
SPEAKER DISTANCE	
CENTRE	1.0 M
LEFT FRONT	1.0 M
RIGHT FRONT	1.0 M
RIGHT REAR	1.0 M
LEFT REAR	1.0 M

store 00

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight OPTIONS.
- > Press **GO** to bring up the OPTIONS menu and press **▼** to highlight SOUND.
- > Press **GO** to bring up the SOUND SETUP menu and press **▼** to highlight SPEAKER DISTANCE.
- > Press **GO** to bring up the SPEAKER DISTANCE menu.
- > Press **▲** or **▼** to move the cursor from speaker to speaker and press **◀** or **▶** to select the approximate straight-line distance in metres between your viewing position and each of the speakers.
- > When you have entered the appropriate speaker distances, press **GO** to store or press **EXIT** to leave the menu without storing.

### To make settings for Home cinema ...

- > Press **LIST** until **FORMAT** is shown in the Beo4 display, then press **0** to activate your Home cinema setup.
- > Repeat the procedure above and enter the appropriate speaker distances from your Home cinema viewing position.



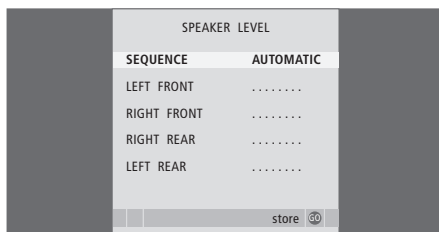
*If your setup includes two different viewing positions, a Home cinema setup and a regular TV viewing setup, you must make two different settings. The two positions require different settings as the speaker setup vary.*

## Calibrate the sound level

When you have connected speakers in a surround sound setup to the television, you must perform a speaker calibration.

A calibration sound is produced alternately in each of the speakers you have connected in your surround sound setup. Your task is to adjust the sound level from all the connected speakers to match the sound level from the centre speaker. You can choose whether you want the sound sequence to occur automatically or manually.

Once you have performed your speaker calibration, you will only need to re-calibrate the speaker sound if you make changes to the setup, for example, if you move one or more of the speakers.



*It is not necessary to calibrate subwoofer sound in a surround sound setup. If you still wish to adjust subwoofer sound when your speaker calibration is complete, refer to the section 'Sound adjustments' on page 46.*

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight OPTIONS.
- > Press **GO** to bring up the OPTIONS menu and press **▼** to highlight SOUND.
- > Press **GO** to bring up the SOUND SETUP menu and press **▼** to highlight SPEAKER LEVEL.
- > Press **GO** to bring up the SPEAKER LEVEL menu. SEQUENCE is highlighted.
- > Press **◀** or **▶** to choose between AUTOMATIC and MANUAL.
- > Press **◀** or **▶** to adjust the speaker sound and **▲** or **▼** to move to another speaker.
- > When you have adjusted the sound for all the speakers in your surround sound setup, press **GO** to store or press **EXIT** to leave the menu without storing.

### *To make settings for Home cinema ...*

- > Press **LIST** until FORMAT is shown in the Beo4 display, then press **0** to activate your Home cinema setup.
- > Repeat the procedure above and enter the appropriate speaker distances from your Home cinema viewing position.

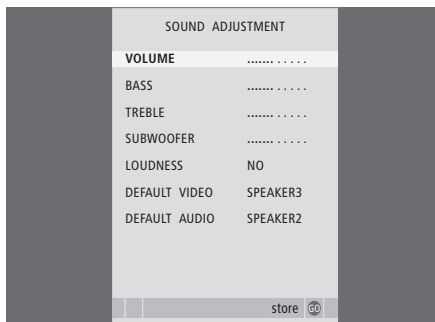
## Sound adjustments

Sound settings are preset at the factory to neutral values which suit most listening situations. However, if you wish, you can adjust these settings to your liking.

You can preset levels for sound volume, bass, treble and a connected BeoLab 2 subwoofer.

You can switch the loudness feature on or off. The loudness feature compensates for the human ear's lack of sensitivity to high and low frequencies. These frequencies are boosted at low volume levels so that low music becomes more dynamic.

In addition you can preset two default speaker combinations; one to be used each time you switch on a video source in your system, and one to be used each time you switch on an audio source connected to your system. You can still select a different speaker combination any time you wish, refer to the next page.



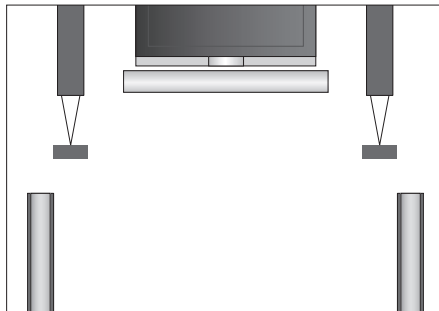
*Note that not all items are available if headphones are connected.*

- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight OPTIONS.
- > Press **GO** to bring up the OPTIONS menu and press **▼** to highlight SOUND.
- > Press **GO** to bring up the SOUND SETUP menu, ADJUSTMENT is highlighted already.
- > Press **GO** to bring up the SOUND ADJUSTMENT menu.
- > Press **▲** or **▼** to select an item to adjust.
- > Press **◀** or **▶** to adjust the values or choose a setting.
- > Press **▲** or **▼** to move through menu items.
- > Press **EXIT** to store your settings until you switch off your television.
- > Press **GO** to store your settings permanently.

## Choose a speaker combination

While you are watching a movie or programme, you can choose the speaker combination you wish to switch on, provided that the various sound modes are available in your system.

The television may switch on a speaker combination automatically. This happens if a programme or DVD contains information about the number of speakers to be switched on. You are still free to choose the speaker combination you prefer.



### Speaker combinations

SPEAKER 1 ... Sound in the centre speaker only.

SPEAKER 2 ... Stereo sound in the two front speakers. The BeoLab 2 subwoofer is active.

SPEAKER 3 ... The centre speaker, front speakers and the BeoLab 2 subwoofer are active.

SPEAKER 4 ... Enhanced stereo sound in the front and rear speakers. The BeoLab 2 subwoofer is active.

SPEAKER 5 ... Surround sound from all speakers including the BeoLab 2 subwoofer. For programmes encoded in Surround Sound.

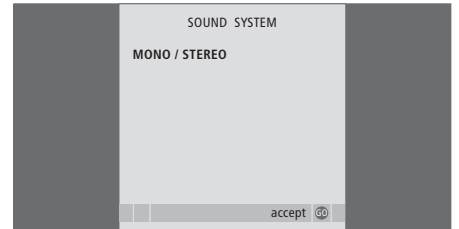
### To choose a speaker combination via Beo4 ...

- > Press LIST on Beo4 until SPEAKER is shown in the Beo4 display.
- > Press the number of the speaker combination you want. The selected speakers cut in automatically.
- > If you want to adjust the sound balance for the programme you are watching, press ▲ or ▼ to adjust the balance between the external front and rear speakers, and press ◀ or ▶ to adjust the balance between the left and right speakers.
- > Press EXIT to remove SPEAKER from the Beo4 display and to return to the source you were using.

### See the name of the active sound system

You can see the name of the active sound system for a source or programme on the screen. However, it is not possible to adjust or preset a sound system.

- > Press **MENU** to bring up the TV SETUP menu and press ▼ to highlight **OPTIONS**.
- > Press **GO** to bring up the **OPTIONS** menu and press ▼ to highlight **SOUND**.
- > Press **GO** to bring up the **SOUND SETUP** menu and press ▼ to highlight **SOUND SYSTEM**.
- > Press **GO** to bring up the **SOUND SYSTEM** menu.
- > Press **EXIT** to leave all menus.





All your Bang & Olufsen products can be connected in a BeoLink system. This enables you to distribute sound and picture from one central source throughout the house.

## **Advanced operation, 3**

All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected BeoCord V 8000 video tape recorder.

## **Tuning and preference settings, 13**

Find out how to set up your television for the first time and tune in programs. This chapter also contains information about settings for time, date, stand positions, picture and sound.

## **Placement, sockets and connections, 27**

Find out how to handle and place your television and where the sockets are placed. Find out how to connect a decoder, set-top box or BeoCord V 8000 video tape recorder to your television and how to register extra equipment. How to connect speakers and how to turn your television into a surround sound system or Home cinema, including how to choose speaker combinations.

## **BeoLink system, 49**

- **Connect and operate an audio system, 50**
- **Distribute sound and picture with BeoLink, 52**
- **Your television in a link room, 54**
- **Two televisions in the same room, 56**
- **Customise Beo4, 58**

## **On-screen menus, 60**

Overview of the on-screen menus.

## **Index, 75**

## Connect and operate an audio system

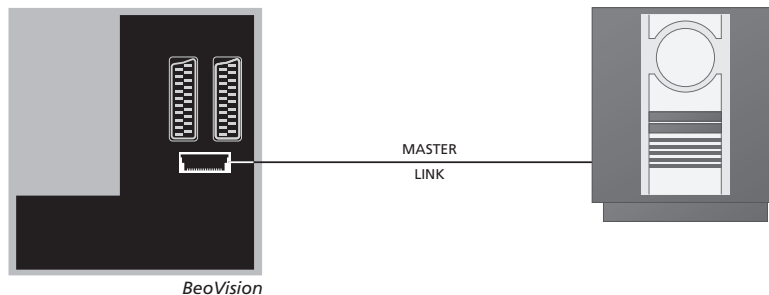
If you connect a compatible Bang & Olufsen audio system to the television using a Master Link cable, you obtain the benefits of an integrated audio/video system.

Play a CD on your audio system using your television speakers, or switch on a TV programme and send the sound to your audio system speakers.

Your AV system can be placed together in one room or in two rooms with the television placed in one room and the audio system with a set of speakers placed in another.

Not all Bang & Olufsen audio systems support integration with the television.

### Connect your audio system to the television



Using a BeoLink cable, connect the sockets marked **MASTER LINK** on the television and the audio system.

### Option setting

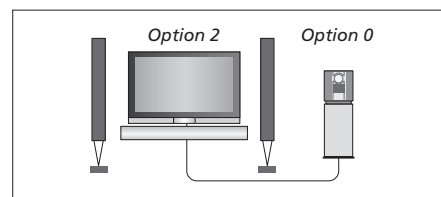
If your television has been set up in an AV system, you may need to set it to the correct Option with Beo4. Switch the entire system to standby first.

#### Option setting for the television

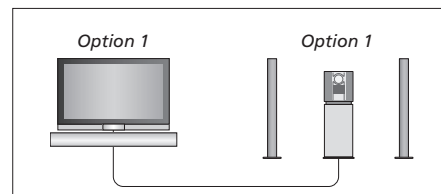
- > While holding the **•** button on Beo4, press **LIST**.
- > Let go of both buttons.
- > Press **LIST** repeatedly to display **OPTION?** on Beo4 and press **GO**.
- > Press **LIST** repeatedly to display **V.OPT** on Beo4 and then key in the appropriate number (1, 2 or 4).

#### Option setting for the audio system

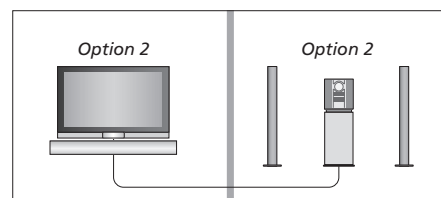
- > While holding the **•** button on Beo4, press **LIST**.
- > Let go of both buttons.
- > Press **LIST** repeatedly to display **OPTION?** on Beo4 and press **GO**.
- > Press **LIST** repeatedly to display **A.OPT** on Beo4 and then key in the appropriate number (0, 1, 2, 5 or 6).



The television and an audio system set up in one room – all speakers are connected to the television.



You can choose to set up your television (with or without additional speakers) and the audio system (with a connected set of speakers) in the same room.



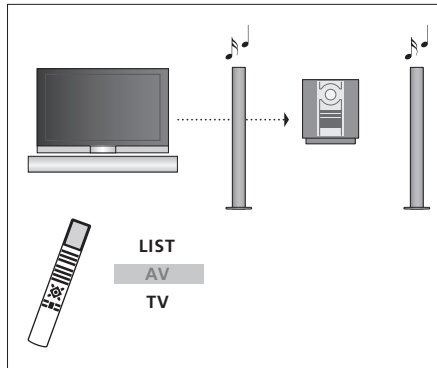
You can choose to set up your audio system in one room, and the television (with or without additional speakers) in another.

## Use an integrated audio/video system

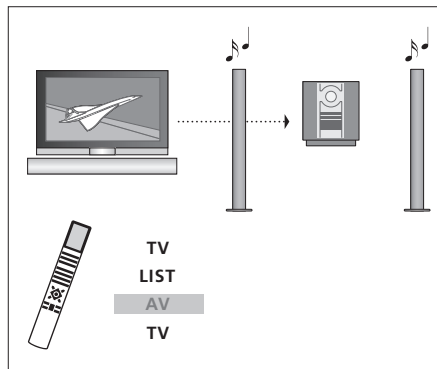
If you integrate your audio system and your television, you can choose a speaker combination appropriate to the current video or audio program, and also record video sound on the audio system.

### Video sound recording

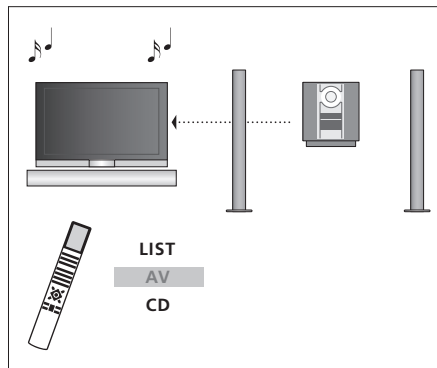
If you listen to sound from your television on your Bang & Olufsen audio system's speakers, and your audio system has a tape recorder, you can record television sound on the audio tape recorder. Refer to the Guide enclosed with your audio system for further information.



To listen to sound from a television source on your audio system speakers without switching on the screen, press LIST repeatedly to display AV\* on Beo4, and then press a source button, such as TV.



To listen to sound from a television source on your audio system speakers with the screen switched on, press TV, press LIST repeatedly to display AV\*, and then press TV again.



To listen to audio sound on the television speakers, press LIST repeatedly to display AV\* on Beo4, and then press an audio source button, such as CD.

\*In order to display AV on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 58.

## Distribute sound and picture with BeoLink

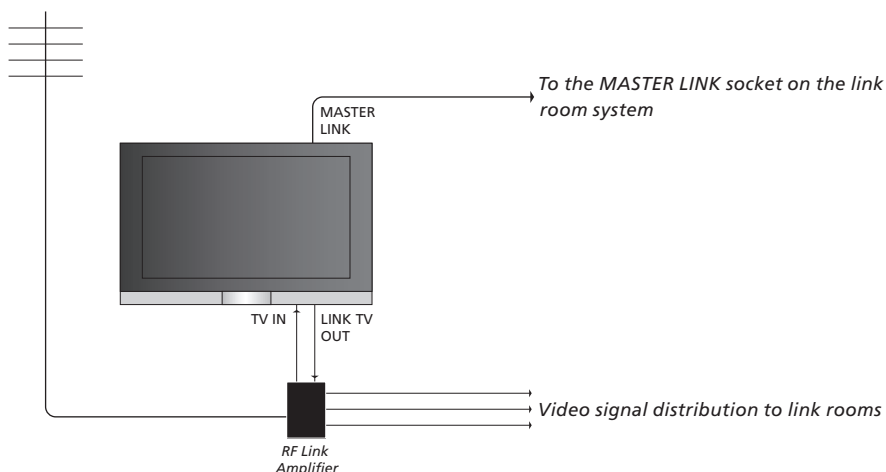
The BeoLink system makes it possible to distribute picture and/or sound to other rooms throughout the house.

For example, you can connect your television in the living room to another video system or set of speakers in another room, thereby making it possible to 'move' the picture or sound to other rooms.

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

Under certain circumstances, it may be necessary to enter modulator settings.

### Link connections



**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 the television.
- > If you want to distribute video signals as well, connect an ordinary aerial cable to the socket marked LINK TV OUT on the television. Then run the aerial cable to the RF Link Amplifier and the Master Link cable to the link room. Follow the instructions enclosed with the link room equipment.

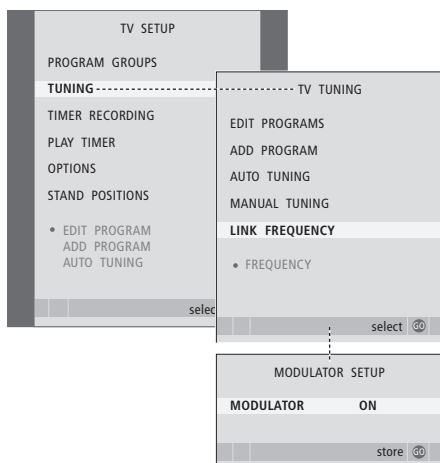
*If an audio system is already connected to the Master Link socket and you wish to connect more equipment, the Master Link cable must be split in two and joined with the cable from the link room using a special junction box. Contact your Bang & Olufsen retailer for assistance.*

*Digital audio and video signals cannot be distributed from a main room television to the link room system.*

**NOTE!** Groups made on a television in a main room cannot be accessed from a link room television.

## System modulator

If you have an audio setup, such as a BeoLink Active/Passive, and you choose to set up a non-linkable television in the same room, you must set the system modulator to ON. The factory setting is OFF, which must be used if you are using a linkable Bang & Olufsen television.

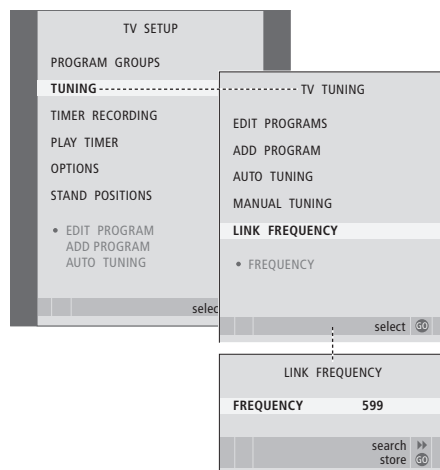


### To switch on the system modulator ...

- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu, and press **▼** to highlight LINK FREQUENCY.
- > Press **◀** twice, followed by **GO**. The MODULATOR SETUP menu appears.
- > Press **◀** or **▶** to reveal ON.
- > Press **GO** to store the setting, or ...
- > ... press **EXIT** to leave all menus without storing.

## Link frequency

If, for example, a TV program in your area is broadcasted on the same frequency as the factory setting for the BeoLink system; 599 MHz, you must tune the system modulator to an unoccupied frequency. When you change the link frequency in the main room system, make sure that the link frequency in the link room system corresponds to it.



### To change the link frequency ...

- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight TUNING.
- > Press **GO** to bring up the TV TUNING menu and press **▼** to highlight LINK FREQUENCY.
- > Press **GO** to bring up the LINK FREQUENCY menu. FREQUENCY is already highlighted.
- > Press **◀** or **▶** to find an unused frequency.
- > Press **GO** to store the setting, or ...
- > ... press **EXIT** to leave all menus without storing.

## Your television in a link room

If you have BeoLink installed in your home and you choose to place your television in a link room, you can operate all connected systems through the television.

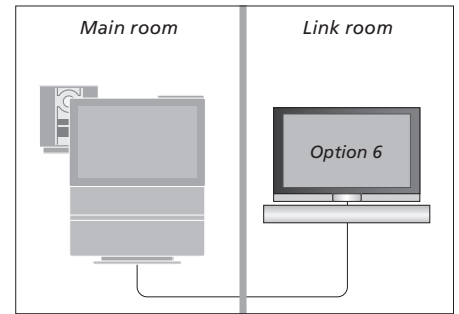
You must follow the procedure described below when you connect your television for use in a link room:

- 1 Connect the link room television to the mains
- 2 Using the Beo4 remote control, program the link room television to Option 6\*
- 3 Disconnect the link room television from the mains
- 4 Make the necessary connections
- 5 Reconnect the link room television to the mains.

### Option setting

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

- > While holding the • button, press LIST.
- > Let go of both buttons.
- > Press LIST repeatedly to display OPTION? on Beo4 and press GO.
- > Press LIST repeatedly to display V.OPT on Beo4 and press 6\*.



\*If you connect the television for use in a link room where other link systems are already connected, such as speakers, you must set the television to Option 5 instead.

## Link room operation

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

### *Use sources present only in one of the rooms ...*

Press the button for the source you wish to use

**RADIO**

*Operate the selected source as usual*

### *Use a main room source – source type present in both rooms ...*

Press repeatedly on Beo4 until LINK\* is shown in the Beo4 display

**LIST**

LINK

Press the button for the source you wish to use

**TV**

*Operate the source as usual*

### *Use a link room source – source type present in both rooms ...*

Press the button for the source you wish to use

**TV**

*Operate the source as usual*

### *Listen to stereo sound in your link room ...*

*Usually sound distributed from a main room video source, such as a set-top box, to the link room is transmitted in mono. However, you can select stereo sound:*

Press to switch on the television

**TV**

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

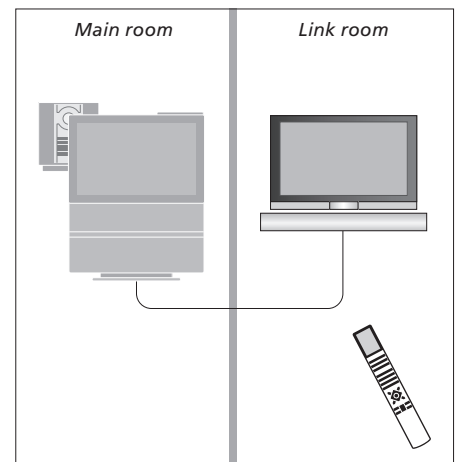
**LIST**

AV

Press to activate a source connected to the main room system, such as a set-top box

**DTV**

While using this function, distribution of other main room sources to other link room systems is not possible.



*\*In order to display LINK and AV on Beo4, you must first add them to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 58.*

## Two televisions in the same room

If you have placed your BeoVision 7 in a room where you already have a Bang & Olufsen television, and commands from Beo4 can be received by both televisions, you must change the option setting of BeoVision 7. This prevents simultaneous activation of both televisions.

### One remote control for both televisions

For your television to function properly, it is essential that the television is set to the correct Option:

#### To set your television for Option 4 ...

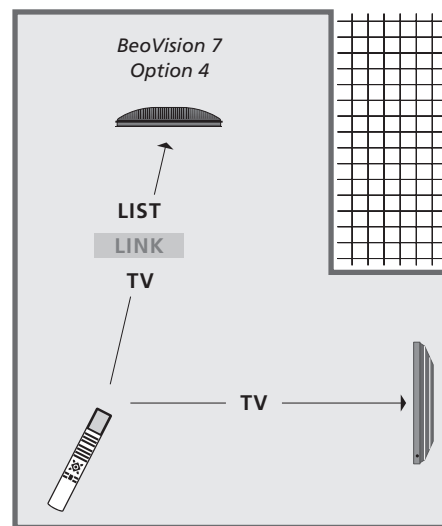
- > While holding the **•** button on Beo4, press **LIST**.
- > Let go of both buttons.
- > Press **LIST** repeatedly to display **OPTION?** on Beo4 and press **GO**.
- > Press **LIST** repeatedly to display **V.OPT** on Beo4 and press **4**.

#### Operate your television in Option 4 ...

Normally, you can activate a source, such as **TV**, simply by pressing the relevant source button on Beo4. However, when you set your television to Option 4, you must do the following:

- > Press **LIST** repeatedly until **LINK\*** is shown in the Beo4 display.
- > Press a source button, such as **TV**.

*\*In order to display **LINK** on Beo4, you must add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 58*



*In order to use teletext on a television you have set to Option 4, you must set up Beo4 to 'VIDEO 3', but this limits the Beo4 functions that can be used with televisions set to other Options. For further information refer to the chapter 'Customise Beo4' on page 58.*





## Customise Beo4

The Beo4 buttons give direct remote control of a large number of television functions, and the Beo4 display gives you access to even more functions.

Whenever a source is displayed on Beo4 (TV, RADIO, etc.), you can press the LIST button and bring up extra functions in the display to help you operate that source, just as if you were calling up extra buttons. You can also switch on extra equipment connected to your television.

You can customise a new Beo4 to suit your television, and change the order in which these extra functions appear when you call them up.

Note that Beo4 contains a list of all of Bang & Olufsen's extra audio and video functions, but only those functions supported by the television work when you call them up in the Beo4 display.

### Set up Beo4

The Beo4 is set up for use with BeoVision 7 from the factory. However, if you buy a new Beo4 you can set this up for your television also.

Press and hold the standby button down •

Press to get access to the Beo4 setup function **LIST**

Let go of both buttons. ADD? appears in the display **ADD?**

Press repeatedly to display CONFIG? on Beo4 **LIST**  
**CONFIG?**

Press to be able to select the type of configuration **GO**

Press repeatedly to display VIDEO? on Beo4 **LIST**  
**VIDEO?**

Press to get access to the video configuration **GO**

Press repeatedly to display VIDEO 4 on Beo4\* **LIST**  
**VIDEO 4**

Press to store the configuration **GO**

STORED appears, indicating that the configuration has been stored. You leave the Beo4 setup function automatically **STORED**

*\*If you have set your television to Option 4, select 'VIDEO 3'.*

### Add an extra 'button'

When you add a new function to the Beo4 list, you can then bring up this new 'button' in the Beo4 display.

Press and hold the standby button down •

Press to get access to the Beo4 setup function **LIST**

Let go of both buttons. ADD? appears in the display **ADD?**

Press to bring up the list of available 'buttons' to add from. The first 'button' appears in the display, it flashes on and off **GO**

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

Press to add and place the 'button' on its preset position or as the first 'button' in the list, or ... **GO**

... press to insert the 'button' at a specific position in the list **1 – 9**

ADDED appears, indicating that the 'button' has been added. You leave the Beo4 setup function automatically **ADDED**

### Move extra 'buttons'

You can rearrange the order in which the extra 'buttons' appear when you press LIST.

Press and hold the standby button down

•

Press to get access to the Beo4 setup function

**LIST**

Let go of both buttons. ADD? appears in the display

**ADD?**

Press repeatedly to display MOVE? on Beo4

**LIST**

**MOVE?**

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

**GO**

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

▲  
▼

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

**GO**

... press to move the 'button' to a specific position in the list

**1 – 9**

MOVED appears, indicating that the 'button' has been moved. You leave the Beo4 setup function automatically

**MOVED**

### Remove an extra 'button'

You can remove any of the extra 'buttons' that are available when you press LIST.

Press and hold the standby button down

•

Press to get access to the Beo4 setup function

**LIST**

Let go of both buttons. ADD? appears in the display

**ADD?**

Press repeatedly to display REMOVE? on Beo4

**LIST**

**REMOVE?**

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

**GO**

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

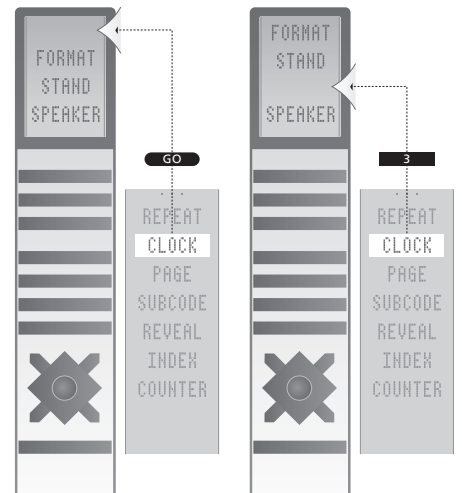
▲  
▼

Press to remove the 'button' shown in the display

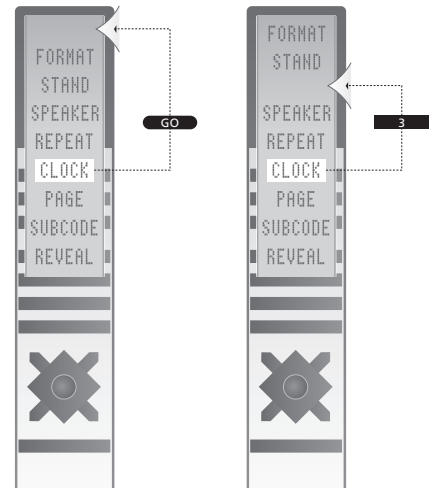
**GO**

REMOVED appears, indicating that the 'button' has been removed. You leave the Beo4 setup function automatically

**REMOVED**



Add an extra 'button' to Beo4, either to the top of the list or to a specific position.



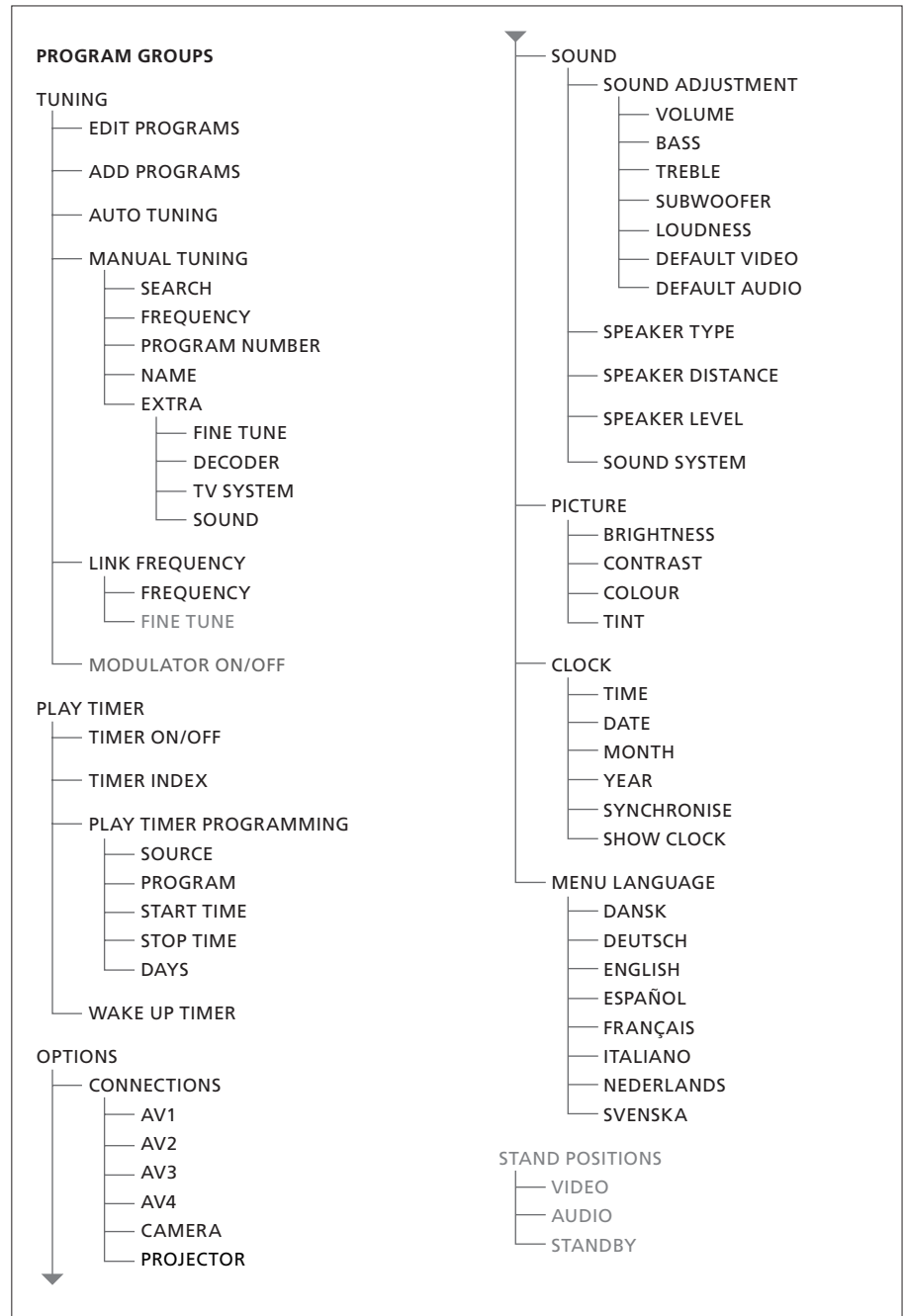
Move extra 'buttons', either to the top of the list or to a specific position.

## On-screen menus

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

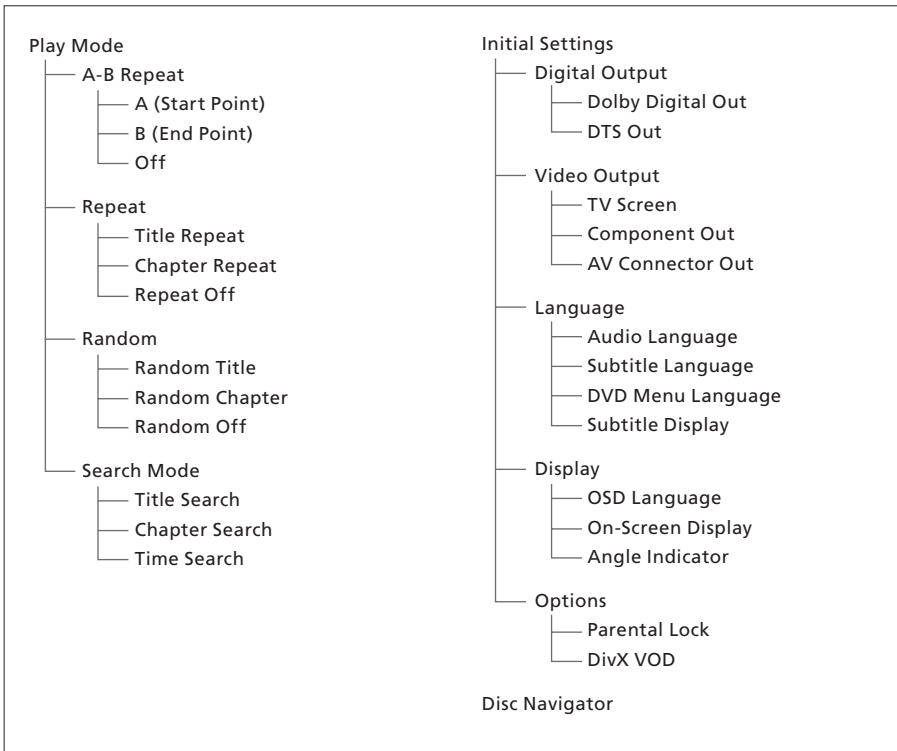
The chapter also gives you detailed information about the individual menus which offer numerous setting-up and adjustment options.

The menus available when you select DVD are shown on the next page.



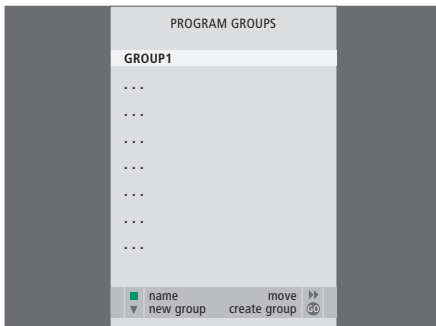
The extended on-screen menu system for the television. The presence of the greyed menu items depends on whether these optional extras are available in your system.

Press MENU on Beo4 to access the main menu.



The extended on-screen menu system for the DVD player.

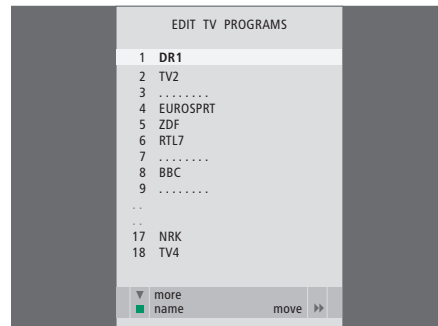
Press DVD, then the yellow button, then 3 on Beo4 to access the menu system.



#### What's on the PROGRAM GROUPS menu ...

You can create program Groups, name them and copy individual TV programs into the Groups.

For further information, refer to the chapter 'Use Groups' on page 14 in the Guide.



#### What's on the EDIT PROGRAMS menu ...

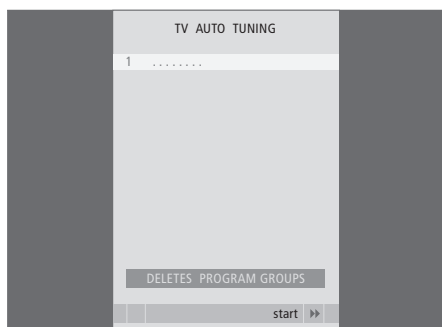
When the EDIT PROGRAMS menu appears on the screen you have several options: You can move the TV programs to change the order in which they appear on the TV list. You can delete unwanted TV programs and you can name or rename all your TV programs.

For further information, refer to the chapter 'Edit tuned TV programs' on page 16.



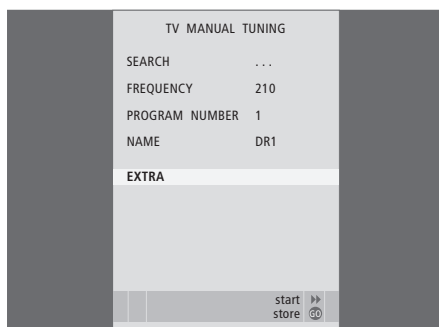
#### What's on the ADD PROGRAM menu ...

The ADD PROGRAM function is automatic. When tuning of additional programs is complete, the EDIT PROGRAMS menu appears automatically.



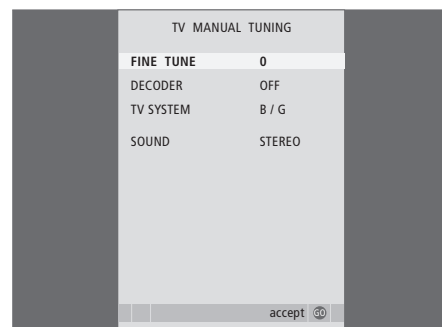
### What's on the AUTO TUNING menu ...

The AUTO TUNING function is automatic. When tuning of all programs is complete, the EDIT PROGRAMS menu appears.



### What's on the TV MANUAL TUNING menu ...

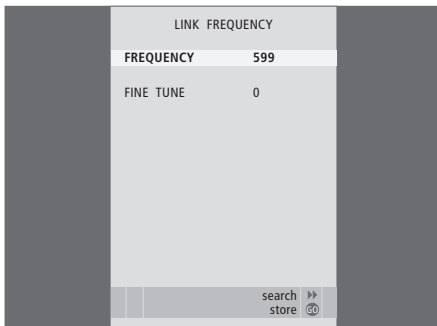
**SEARCH ...** Start search tuning.  
**FREQUENCY ...** Select a frequency to tune in.  
**PROGRAM NUMBER ...** Store or change program number. You can store 99 programs.  
**NAME ...** Access the naming menu and name the program you have selected.  
**EXTRA ...** Access the extra TV MANUAL TUNING menu.



### What's on the extra TV MANUAL TUNING menu ...

**FINE TUNE ...** Fine tune the frequency of a program or tuned program. You can fine tune within the range of -8 – +8.  
**(DECODER) ...** A decoder is necessary for the reception of coded programs. Usually the decoder is detected automatically during tuning, but it can be selected via this menu option. Set DECODER to one of following options: ON (for decoder on) or OFF (for no decoder).  
**(TV SYSTEM) ...** TV broadcast system – this option is only available on certain types of TV sets, as the TV broadcast system is usually selected automatically.  
**SOUND (mono, stereo or language) ...** Several types of sound may be available for different programs, mono, stereo or different languages. On the relevant program or frequency select the options MONO (FM / NICAM mono sound), STEREO (NICAM / A2 stereo sound), MONO1 (mono language 1), MONO2 (mono language 2), MONO3 (mono language 3), or STEREO2 (stereo language 2).

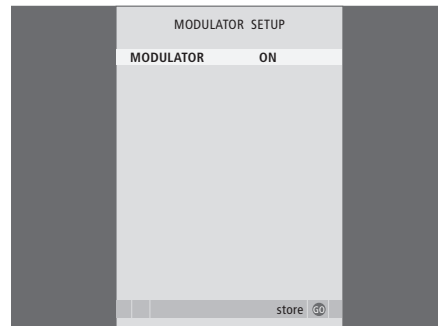
*Even though you store a type of sound/language, you can switch between the various types while watching a TV programme. For further information, refer to the chapter 'Surround sound and Home cinema' on page 10 in the Guide.*



#### What's on the LINK FREQUENCY menu ...

**FREQUENCY** ... Indicates the frequency used for Link transmission.

**FINE TUNE** ... Used for fine tuning the Link frequency. (Only appears when your television is set up for use in a link room).



#### What's on the MODULATOR SETUP menu ...

**MODULATOR** ... Indicates whether or not the modulator is activated automatically. Options are ON or OFF.



#### What's on the TV RECORD menu ...

**NOW** ... Use this option to make an instant recording. Or, press RECORD twice to make an instant recording.

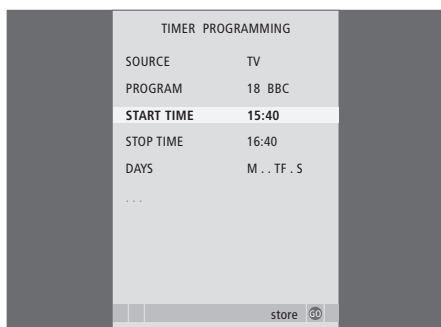
**TELETEXT** ... Use this option to make a timed recording via teletext.

**RECORD LIST** ... Use this option to check or delete your recordings.

**MENU** ... Use this option to make a timed recording via the recording menu.

*This menu is only available if a BeoCord V 8000 or HDR 1 is connected to your television.*





### What's on the TIMER PROGRAMMING menu ...

#### SOURCE

Depending upon the option you choose, SOURCE indicates either that a specific source is to be switched on or off. Options are:

TV... To switch on the TV.

(GROUPS) ... If you have created Groups of programs and selected a Group as your source before entering Timer settings, you can select a program from this group as the source for the timed play function.

STB(DTV) ... To switch on a connected set-top box.

STB(V.AUX) ... To switch on a connected set-top box.

V.MEM ... To switch on a connected HDR 1 or video tape recorder.

DVD ... To switch on the DVD player.

CD ... To switch on a connected CD player.

N. MUSIC, N. RADIO... For access to music files stored on a PC or to Internet radio sites. For further information about these sources, consult your Bang & Olufsen retailer.

A.MEM ... To switch on a connected audio recorder.

RADIO ... To switch on a connected radio.

STANDBY ... To switch the television off. If you have other compatible video or audio systems connected to your television, they are switched off as well.

PROGRAM (Program number) ... Once your source is chosen, choose the program number you want.

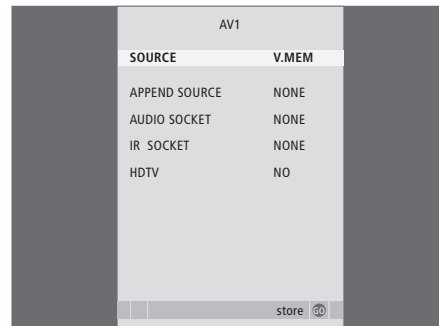
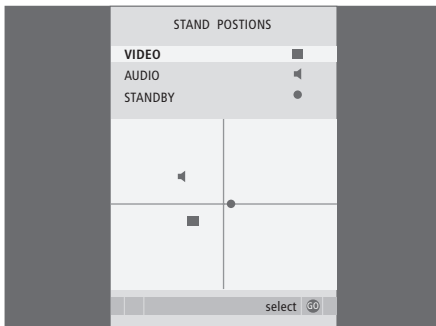
START TIME and STOP TIME ... Key in the times when you want the system to start and/or stop playing. If you have set the Timer source to STANDBY, it is only possible to enter a stop time.

DAYS ... Select the specific weekday(s) on which you want your Timer executed. All the weekdays will be displayed – starting with M for Monday.

*You can only use a source, such as A.MEM, if it is present in your setup.*

### What's on the TIMER ON/OFF menu ...

Select ON to make the television participate in a Play Timer or Standby Timer, and select OFF not to include the television in a Timer.



### What's on the STAND POSITIONS menu ...

**VIDEO ...** Select the position you want the television to turn to when you switch on a video source.

**AUDIO ...** Select the position you want the television to turn to when you switch on an audio source\*.

**STANDBY ...** Select the position you want the television to turn to when it is switched off.

*\*This only applies if no external speakers are connected to the television.*

*This menu is only available if your television is equipped with an optional motorised stand.*

### What's on the AV1 menu ...

**SOURCE ...** Select the source you have connected to the AV1 socket. Options are:

**NONE ...** if nothing is connected.

**V.MEM ...** for a connected HDR 1 or video tape recorder.

**DVD2 ...** for a connected DVD player or recorder.

**STB(DTV) ...** for a connected set-top box (registered as DTV).

**STB(V.AUX) ...** for a connected set-top box (registered as V.AUX).

**PC ...** for a connected PC.

**APPEND SOURCE ...** if you have connected a BeoCord V 8000 or HDR 1, and you have connected additional video equipment to it, it must be registered here. Options are:

**STB(DTV)...** for a set-top box (registered as DTV).

**STB(V.AUX)...** for a set-top box (registered as V.AUX).

**DVD2...** for DVD player or recorder.

**DECODER...** for a connected decoder.

**NONE...** if nothing is connected.

**AUDIO SOCKET ...** Select which audio socket you have used for the source. Options are: A1, A2, A3, A4 or NONE.

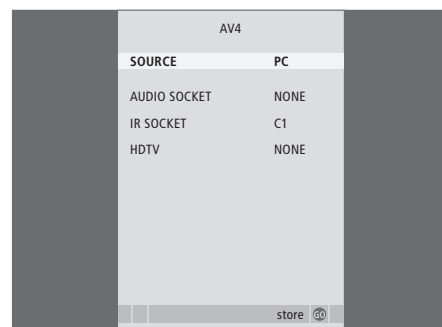
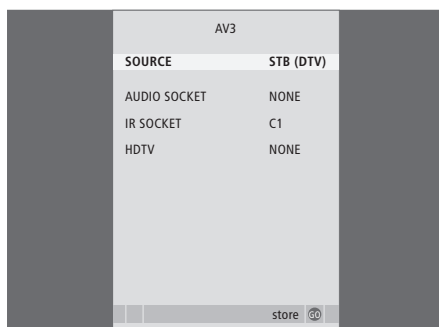
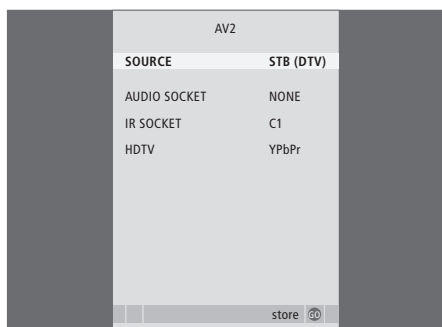
**IR SOCKET ...** Select which IR OUT socket you have used for the source. Options are: C1, C2, C3, C4 or NONE.

**HDTV ...** If the source connected to this AV socket delivers HDTV, select which socket is used for HDTV; Options are: YPbPr or NO.

If you have connected HD equipment to your television, some video functions are affected:

- The Set-top Box Controller menu described on page 8 does not appear;
- If you have selected FORMAT 2 for letter-box pictures as described on page 11 in the Guide, you cannot scroll the picture up or down;
- You cannot distribute sound or picture from a HD source to a product in a link room;
- You cannot record an HD source, unless your HD equipment also provides a Standard Definition (SD) signal;
- You cannot select the HD source when using the P-AND-P function described on page 9 in the Guide.

**NOTE!** If your television is equipped with the HD-ready feature, a third option for the menu item 'HDTV' is available. This option is 'DVI-I'.



### What's on the AV2 menu ...

**SOURCE** ... Select the source you have connected to the AV2 socket. Options are:

NONE ... if nothing is connected.

V.MEM ... for a connected video tape recorder or non-Bang & Olufsen hard disc recorder.

DVD2 ... for a connected DVD player or recorder.

V.AUX ... for other equipment (registered as V.AUX).

V.AUX2 ... for other equipment (registered as V.AUX2).

STB(DTV) ... for a connected set-top box (registered as DTV).

STB(V.AUX) ... for a connected set-top box (registered as V.AUX).

DECODER ... for a connected decoder.

PC ... for a connected PC.

**AUDIO SOCKET** ... Select which audio socket you have used for the connected source, if any. Options are: A1, A2, A3, A4 or NONE.

**IR SOCKET** ... Select which IR OUT socket you have used for the connected source. Options are: C1, C2, C3, C4 or NONE.

**HDTV** ... If the source connected to this AV socket delivers HDTV, select which socket is used for HDTV; Options are: YPbPr or NO.

### What's on the AV3 menu ...

**SOURCE** ... Select the source you have connected to the AV3 socket. Options are:

NONE ... if nothing is connected.

DVD2 ... for a connected DVD player or recorder.

V.AUX ... for other equipment (registered as V.AUX).

V.AUX2 ... for other equipment (registered as V.AUX2).

STB(DTV) ... for a connected set-top box (registered as DTV).

STB(V.AUX) ... for a connected set-top box (registered as V.AUX).

PC ... for a connected PC.

**AUDIO SOCKET** ... Select which audio socket you have used for the connected source, if any. Options are: A1, A2, A3, A4 or NONE.

**IR SOCKET** ... Select which IR OUT socket you have used for the connected source. Options are: C1, C2, C3, C4 or NONE.

**HDTV** ... If the source connected to this AV socket delivers HDTV, select which socket is used for HDTV; Options are: YPbPr or NO.

### What's on the AV4 menu ...

**SOURCE** ... Select the source you have connected to the AV4 socket. Options are:

NONE ... if nothing is connected.

STB(DTV) ... for a connected set-top box (registered as DTV).

STB(V.AUX) ... for a connected set-top box (registered as V.AUX).

PC ... for a connected PC.

**AUDIO SOCKET** ... Select which audio socket you have used for the connected source, if any.

Options are: A1, A2, A3, A4 or NONE.

**IR SOCKET** ... Select which IR OUT socket you have used for the connected source. Options are: C1, C2, C3, C4 or NONE.

**HDTV** ... If the source connected to this AV socket delivers HDTV, select which socket is used for HDTV; Options are: YPbPr or NO.



#### What's on the CAMERA menu ...

**SOURCE ...** Select the source you have connected to the CAMERA socket. Options are:

**NONE ...** Select this option if nothing is connected.

**STB(V.AUX) ...** Select this option if you have connected a set-top box. The set-top box can then be activated by means of V.AUX on Beo4.

**PC...** Select this option if you have connected a PC to this socket. REMEMBER to switch off all equipment before connecting the PC – See page 33. PC can then be activated by means of PC on Beo4.

**CAMERA ...** Select this option if you have connected a digital camera (or a Camcorder). The camera can then be activated by means of CAMERA on Beo4.

**HDTV ...** If the source connected to this AV socket delivers HDTV, select which socket is used for HDTV; Options are: YPbPr or NO.

#### What's on the PROJECTOR menu ...

**TYPE ...** Select which type of projector is connected.

**IR SOCKET ...** Select which IR OUT socket you have used for the connected projector. Options are: C1, C2, C3 and C4.

#### What's on the PICTURE menu ...

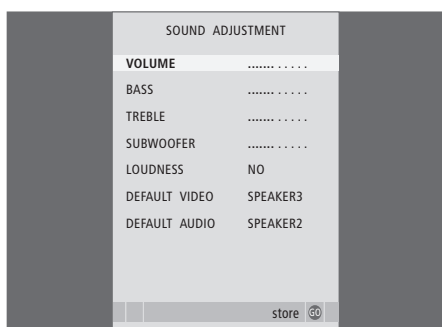
**BRIGHTNESS ...** Adjusts the picture brightness.

**CONTRAST ...** Adjusts the contrast level in the picture.

**COLOUR ...** Adjusts the colour intensity in the picture.

*For video sources using the NTSC signal, a fourth option – Tint (colour shade or nuance) – will be available for adjustment.*

**NOTE!** If your television is equipped with the HD-ready feature, a third option for the menu item 'HDTV' is available. This option is 'DVI-I'.



#### What's on the SOUND ADJUSTMENT menu ...

**VOLUME** ... Adjusts the volume level the TV uses when you switch it on.

**BASS** ... Adjusts the bass level.

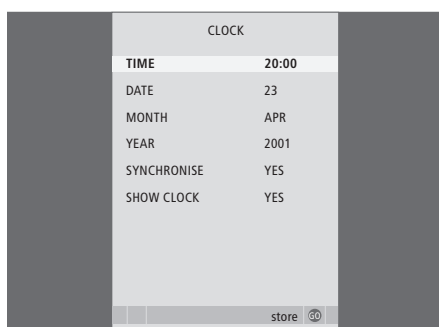
**TREBLE** ... Adjusts the treble level.

**SUBWOOFER** ... (only available if you have connected a BeoLab 2 subwoofer) Adjusts the sound level from the subwoofer.

**LOUDNESS** ... The loudness feature compensates for the human ear's lack of sensitivity to high and low frequencies. These frequencies are boosted at low volume levels so that low music becomes more dynamic. Loudness can be set to YES or NO.

**DEFAULT VIDEO** ... Set the speaker combination you want to use when switching on a video source in your system.

**DEFAULT AUDIO** ... Set the speaker combination you want to use when switching on an audio source in your system Refer to page 47 for further information on speaker combinations.



#### What's on the CLOCK menu ...

**TIME** ... Indicates the time.

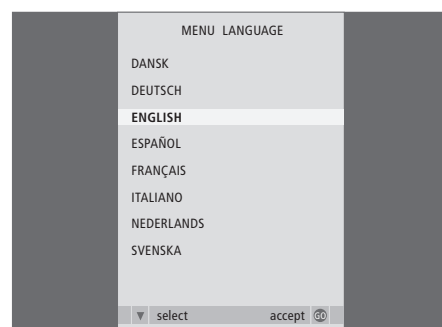
**DATE** ... Indicates the day.

**MONTH** ... Indicates the month.

**YEAR** ... Indicates the year.

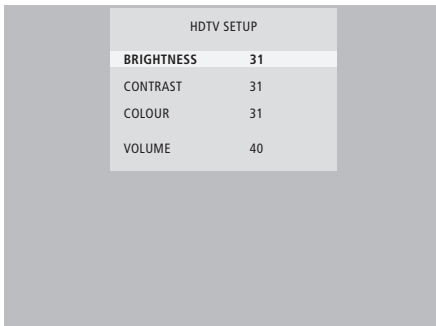
**SYNCHRONISE** ... For synchronisation of the built-in clock with teletext.

**SHOW CLOCK** ... Choose YES if you want the time to be shown in the display permanently.



#### What's on the MENU LANGUAGE menu ...

Choose between the available languages.



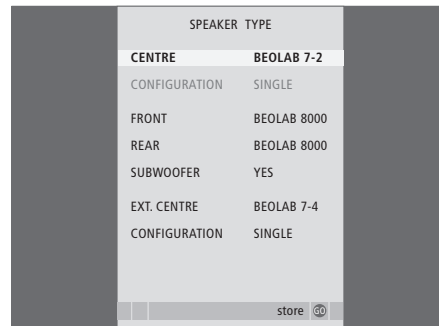
#### What's on the HDTV SETUP menu ...

BRIGHTNESS ... Adjusts the picture brightness.  
 CONTRAST ... Adjusts the contrast level in the picture.

COLOUR ... Adjusts the colour intensity in the picture.

VOLUME ... Adjusts the volume.

*This menu is only available, if you have connected a source to the DVI-I socket, registered it in the 'CONNECTIONS' menu and activated the source.*



#### What's on the SPEAKER TYPE menu ...

CENTRE ... Select your centre speaker.

CONFIGURATION ... Indicate whether one or two speakers are connected.

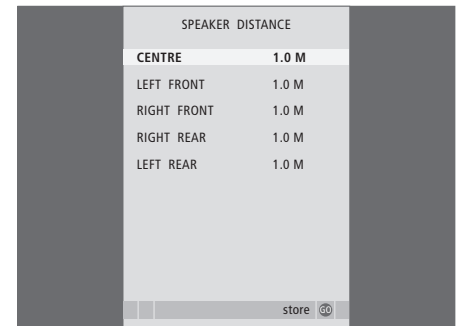
FRONT ... Select your front speakers.

REAR ... Select your rear speakers.

SUBWOOFER ... Indicate whether you have connected a BeoLab 2 subwoofer. Options are YES and NO.

EXT. CENTRE ... Select your external centre speaker, or set to NONE if no external centre speaker is connected.

CONFIGURATION ... Indicate whether one or two speakers are connected.



#### What's on the SPEAKER DISTANCE menu ...

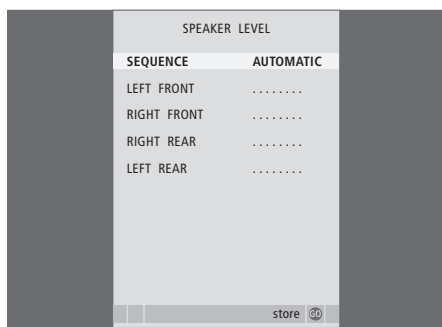
CENTRE ... Select the approximate straight-line distance in metres between your viewing position and the television centre speaker.

LEFT FRONT ... Select the approximate straight-line distance in metres between your viewing position and the left front speaker.

RIGHT FRONT ... Select the approximate straight-line distance in metres between your viewing position and the right front speaker.

RIGHT REAR ... Select the approximate straight-line distance in metres between your viewing position and the right rear speaker.

LEFT REAR ... Select the approximate straight-line distance in metres between your viewing position and the left rear speaker.



#### What's on the SPEAKER LEVEL menu ...

LEFT FRONT ... Adjusts the sound level from your left front speaker.

RIGHT FRONT ... Adjusts the sound level from your right front speaker.

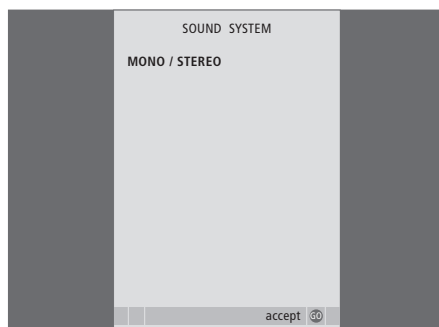
RIGHT REAR ... Adjusts the sound level from your right rear speaker.

LEFT REAR ... Adjusts the sound level from your left rear speaker.

#### ... the two sound sequence options

AUTOMATIC ... If you select the automatic sequence, the sound shifts automatically between the external speakers every 2–3 seconds. To adjust the speaker levels you must move the cursor to the speaker you want to adjust first.

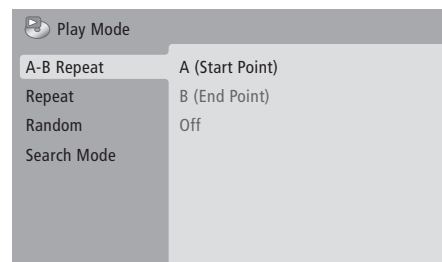
MANUAL ... If you select the manual sequence, the sound follows the speaker you highlight on the menu. You can then adjust the sound accordingly. When the cursor is placed on SEQUENCE you hear sound in the centre speaker.



#### What's on the SOUND SYSTEM menu ...

Sound systems that can appear in the menu are: DOLBY 3 STEREO, DOLBY PRO LOGIC, DOLBY DIGITAL, DOLBY D + PRO LOGIC, DTS DIGITAL SURROUND, MONO/STEREO.

*This menu is only available if speakers are connected in a surround sound system.*

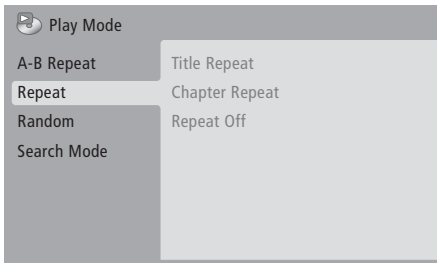


#### What's on the A–B Repeat menu ...

The A–B repeat function allows you to specify two points on a disc that form a loop to be played over and over.

When you select the start or end point in the menu, the current playback point is stored.

Select *Off* when you no longer wish to repeat playback of the selected section of the disc.

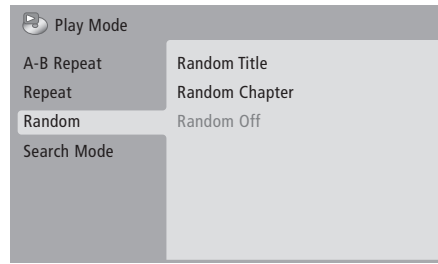


#### **What's on the *Repeat* menu ...**

The *Repeat* function allows you to repeat a title, chapter or track on a disc over and over.

When you select a title, chapter or track in the menu, the current one is stored.

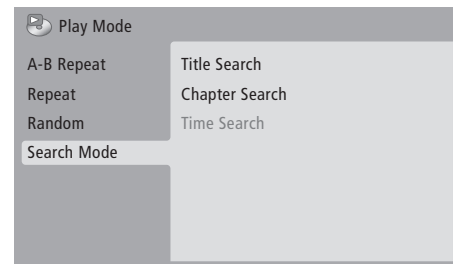
Select *Repeat Off* when you no longer wish to repeat playback of the selected section of the disc.



#### **What's on the *Random* menu ...**

The *Random* function allows you to play titles, chapters or tracks on a disc in random order.

Select *Random Off* when you no longer wish to repeat playback of the selected section of the disc.

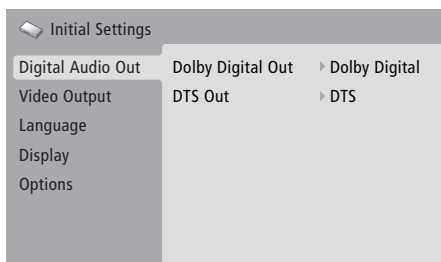


#### **What's on the *Search Mode* menu ...**

The *Search Mode* function allows you to search through a disc, either by searching for a specific title or chapter, or by searching for a moment in elapsed time on a disc.

Use the number buttons to move to this point in time.

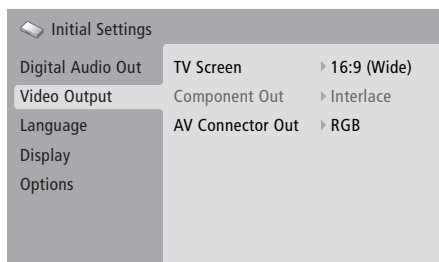




#### What's on the *Digital Audio Out* menu ...

**Dolby Digital Out** ... Options are *Dolby Digital* and *Dolby Digital >PCM*, which is two channel stereo sound.

**DTS Out** ... Options are *DTS* and *DTS > PCM*, which is two channel stereo sound.



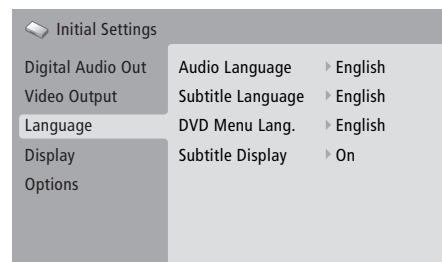
#### What's on the *Video Output* menu ...

**TV Screen** ... Select a picture format for your television. Options are *4:3 (Letter Box)\**, *4:3 (Pan&Scan)* and *16:9 (Wide)*.

**Component Out** ... Options are *Interlace* and *Progressive*. Select *Progressive*. Only change to *Interlace*, if you change *AV Connector Out* to *Video*.

**AV Connector Out** ... Options are *Video*, *S-Video* and *RGB*. Select *RGB* for best quality.

*\*In '4:3 (Letter Box)' the film is shown with black bars at the top and bottom of the screen.*



#### What's on the *Language* menu ...

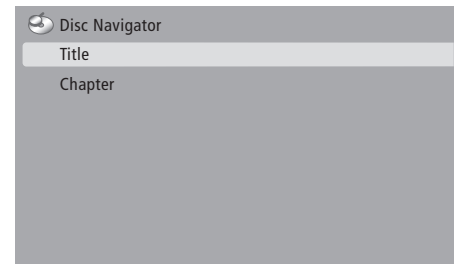
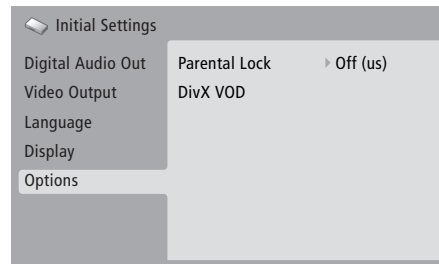
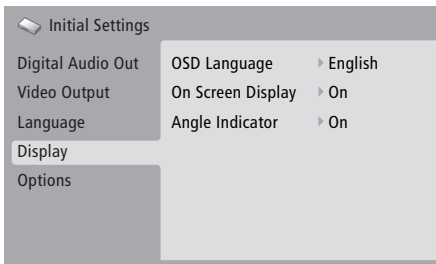
**Audio Language** ... Select the language for audio playback from the languages shown, and if your preferred language is available on your DVDs, then audio playback will be in that language.

**Subtitle language** ... Select your preferred subtitle language from the languages shown, and if your preferred language is available on your DVDs, then subtitles will be shown in that language\*.

**DVD Menu Language** ... Select your preferred language for the disc menus from the available languages shown, and if your preferred language is available on your DVDs, then the disc menus will be in that language.

**Subtitle display** ... Select whether or not subtitles are to be displayed during playback.

*\*Some DVDs will require you to choose a subtitle language from a disc menu, even if you have previously selected a default subtitle language from the 'Language' menu.*



#### What's on the *Display* menu ...

**OSD Language ...** Select the language for the menus from the languages shown.

**On Screen Display ...** Select whether or not status displays are to be shown on the screen. Options are *On* and *Off*.

**Angle Indicator ...** Select whether or not you wish the camera icon to appear on the screen during scenes with multiple camera angles. Options are *On* and *Off*.

#### What's on the *Options* menu ...

**Parental Lock ...** Some DVDs feature a Parental Lock level. If you specify a level lower than the one contained on the disc, the disc will not play unless your pincode is entered.

Some discs also support the Country Code feature. This means that the player does not play certain scenes on the disc, depending on the Country Code you set.

Before you can set the Parental Lock level or the Country Code, you must enter a pincode. You can change the pincode at any time in the *Parental Lock* menu.

Menus for the pincode, Parental Lock level and Country Code appear when you set *Parental Lock* to *On*. Use the number buttons on Beo4 to enter your pincode, Parental Lock level and Country Code and press GO to store your settings.

**DivX VOD® ...** Select to see your registration code.

#### What's on the *Disc Navigator* menu ...

The *Disc Navigator* menu allows you to quickly step to specific titles or chapters on a disc. Use the arrow buttons to select a title or chapter and press GO to start playback.

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### **Waste Electrical and Electronic Equipment (WEEE) – Environmental protection**

The European Parliament and the Council of the European Union have issued the Waste Electrical and Electronic Equipment Directive. The purpose of the Directive is the prevention of waste of electrical and electronic equipment, and to promote the reuse and recycling and other forms of recovery of such waste. As such the Directive concerns producers, distributors and consumers.

The WEEE directive requires that both manufacturers and end-consumers dispose of electrical and electronic equipment and parts in an environmentally safe manner, and that equipment and waste are reused or recovered for their materials or energy. Electrical and electronic equipment and parts must not be disposed of with ordinary household refuse; all electrical and electronic equipment and parts must be collected and disposed of separately.

Products and equipment which must be collected for reuse, recycling and other forms of recovery are marked with the pictogram shown.

When disposing of electrical and electronic equipment by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources. Collecting electrical and electronic equipment and waste prevents the potential contamination of nature with the hazardous substances which may be present in electrical and electronic products and equipment.

Your Bang & Olufsen retailer will assist with and advise you of the correct way of disposal in your country.

*Small products may not always be marked with the pictogram in which case this is present in the instructions for use, on the guarantee certificate and printed on the packaging.*

