BeoVision 8

Reference book

BANG & OLUFSEN

Tables of contents in the Reference book

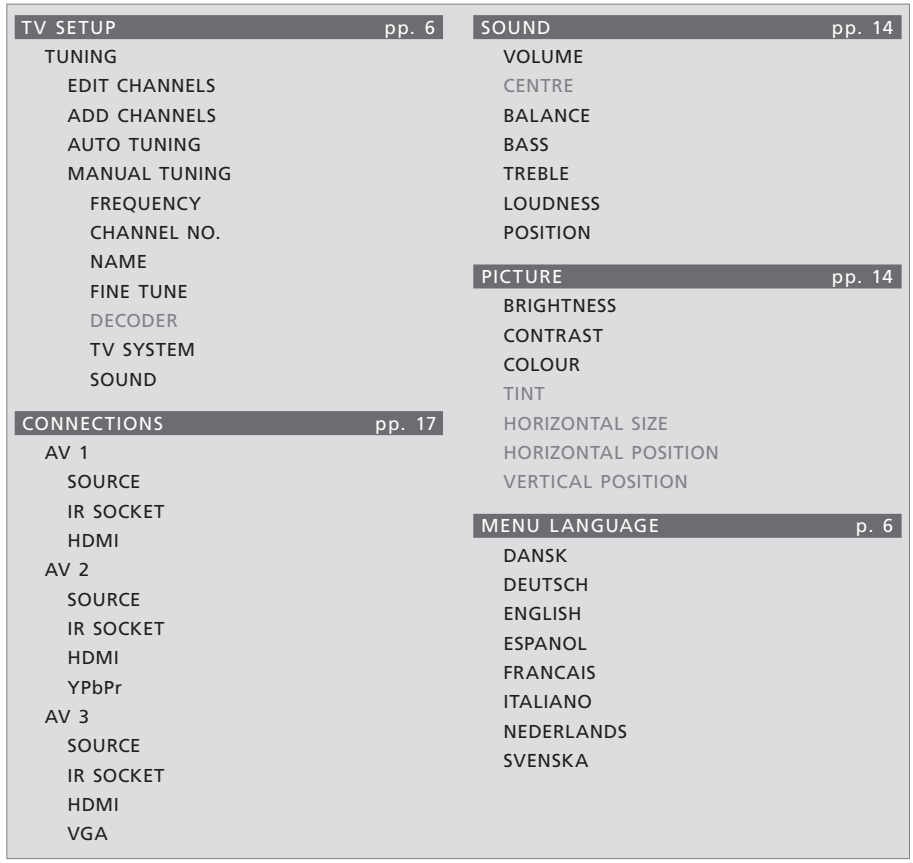
The contents of this Reference book is divided into sections. Each particular section starts with its own detailed table of contents provided with page references. Texts in black refers to the current section, whereas the remaining sections are described in general terms and written in grey.

The main sections are:

- Tuning and preference settings
- Placement, sockets and connections
- Advanced operation
- Customise Beo4
- Index

Menu overview

The illustration on this page shows the content of the menu system , and also indicates where in the Reference book you can find further information about the menus.



The extended on-screen menu system for the television. The greyed menu items indicate optional extras which may or may not be present in your system.

Press MENU on Beo4 to access the main menu. To step directly to a menu entry without pressing GO, use the number buttons on Beo4.

Find out how to perform the first-time setup procedure and tune in all available channels automatically. In addition, you can find information about how to edit tuned channels and adjust other available settings, such as 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 17.

- First-time setup of your television, *6*
- Edit tuned channels, *8*
- Re-tune or add channels, *12*
- Adjust picture and sound settings, *14*
- Choose menu language, *16*

Placement, sockets and connections, *17*
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 video recorder to your television and how to register extra equipment.

Advanced operation, *29*
How to operate a connected set-top box, call up a computer image on the screen and operate your television in Option 4.

Customise Beo4, *34*

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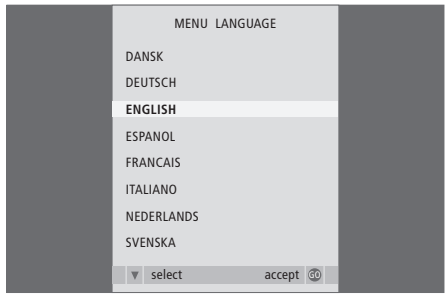
First-time setup of your television

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, and start the automatic tuning of TV channels.

Select menu language

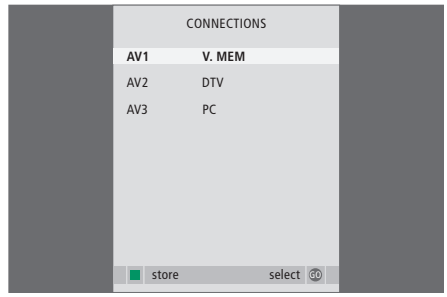


The first time you switch on your television, you must select which language you want all the menus to be displayed in.

The menu language setup appears. If you wish to change the menu language at a later date, you can find the item MENU LANGUAGE 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

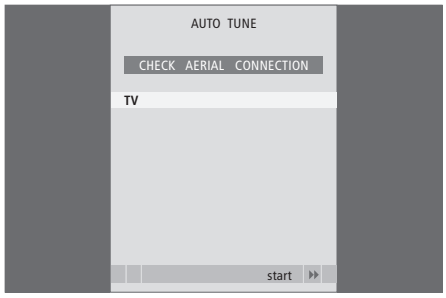


You have to register the extra equipment connected to your television.

When the CONNECTIONS menu appears ...

> Press ▲ or ▼ to step between the different socket groups: AV1, AV2 and AV3.
> 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 channels and settings



When you have made your selections, a menu for channel 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 channels.

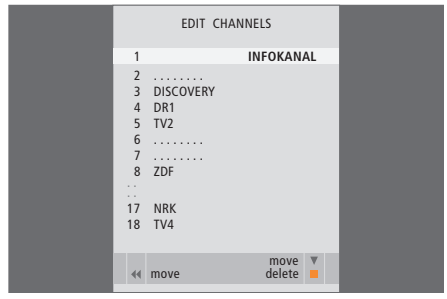
Edit tuned channels

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

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

Move or delete tuned channels

At any time, you can move or delete any tuned TV channels you do not want.



Move channels …

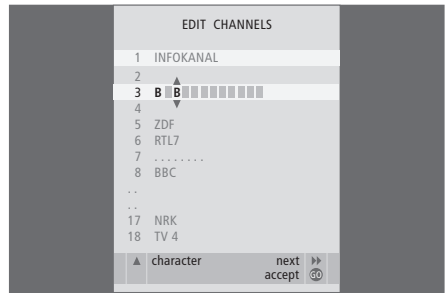
> Press **TV** to switch on the television.
> Press **MENU** to bring up the TV SETUP menu. TUNING is already highlighted.
> Press **GO** to bring up the TUNING menu. EDIT CHANNELS is already highlighted.
> Press **GO** to bring up the EDIT CHANNELS menu.
> Press ▼ or ▲ to select the channel you wish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

Delete channels ...

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

Name tuned channels

The EDIT CHANNELS menu also allows you to name all channels yourself.



Name channels ...

> Press **TV** to switch on the television.
> Press **MENU** to bring up the TV SETUP menu. TUNING is already highlighted.
> Press **GO** to bring up the TUNING menu. EDIT CHANNELS is already highlighted.
> Press **GO** to bring up the EDIT CHANNELS menu.
> Press ▼ or ▲ to select the channel you wish to name.
> Press the green button to be able to name the channel. The naming menu is now activated.
> Press ▼ or ▲ to find the individual characters in the name.
> Press ⏩ to move to the next character. 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 channel numbers.
> When you have named the relevant channels, press **GO** to accept your edited list, or press **EXIT** to exit all menus.

Adjust tuned TV channels – manual tuning

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

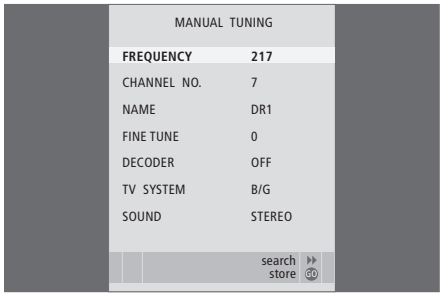
> Press **TV** to switch on the television.
> Press **MENU** to bring up the TV SETUP menu. TUNING is already highlighted.
> Press **GO** to bring up the TUNING menu and press ▼ to highlight MANUAL TUNING.
> Press **GO** to bring up the MANUAL TUNING menu.
> Press ▼ or ▲ to move between items on the 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.
> When you have finished editing, press **GO** to store the adjusted channel.
> Press **EXIT** to exit all menus.

The item TV SYSTEM appears on the menu, make sure that the correct broadcast system is displayed before you begin tuning. The following options are available:

PAL B/G
SECAM B/G
PAL I
SECAM L
PAL D/K
SECAM D/K

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

Even though you store a type of sound/language, you can switch between the various types while watching a TV channel. For further information, refer to the chapter 'Adjust sound and picture format' on page 8 in the Guide.


MANUAL TUNING
FREQUENCY 217
CHANNEL NO. 7
NAME DR1
FINE TUNE 0
DECODER OFF
TV SYSTEM B/G
SOUND STEREO
search
store

Re-tune or add channels

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

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

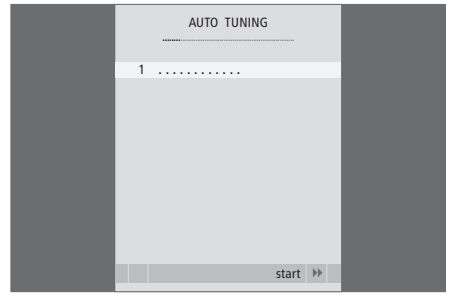
You can tune in new channels, for example, if you move – or re-tune previously deleted channels.

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

Re-tune via automatic tuning

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

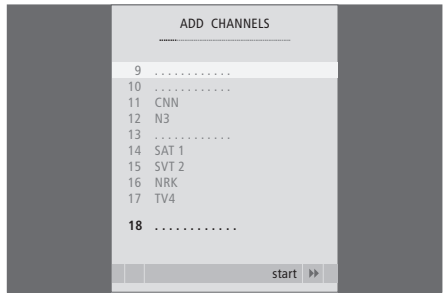
> Press **TV** to switch on the television.
> Press **MENU** to bring up the TV SETUP menu. TUNING is already highlighted.
> Press **GO** to bring up the TUNING menu and press ▼ to highlight AUTO TUNING.
> Press **GO** to bring up the AUTO TUNING menu.
> Press ▶▶ to start auto tuning.
> Once auto tuning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



Please note: If you re-tune all your TV channels, all channel settings, you have made, disappear!

Add new channels

You can add a new channel or update a tuned channel 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. TUNING is already highlighted.
> Press **GO** to bring up the TUNING menu and press ▼ to highlight ADD CHANNEL.
> Press **GO** to bring up the ADD CHANNEL menu.
> Press ⏩ to start. New channels are added automatically as they are found.
> When tuning is completed and new channels have been added, the EDIT CHANNELS menu appears. You can then rearrange the channel order, delete channels or rename them. The cursor highlights the first new channel of those just added to the list.

Note: If a channel is stored on Channel No. 99, you cannot activate the ADD CHANNELS function.

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.

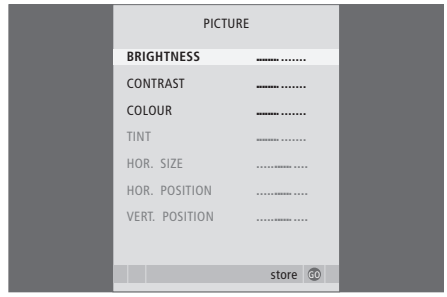
For information about how to change the picture format, refer to the Guide page 9.

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 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.

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, such as TV.



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.
If a source, such as PC, is connected via the VGA socket, the following options appear ...
HOR. SIZE … Adjusts the width of the picture.
HOR. POSITION … Adjusts the position of the picture horizontally.
VERT. POSITION … Adjusts the position of the picture vertically.

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

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 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.

What's on the SOUND SETUP/SOUND ADJUSTMENT menu …

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

(CENTRE) … Only available if you have connected external loudspeakers to the television. Adjusts the balance between the external and internal speakers.

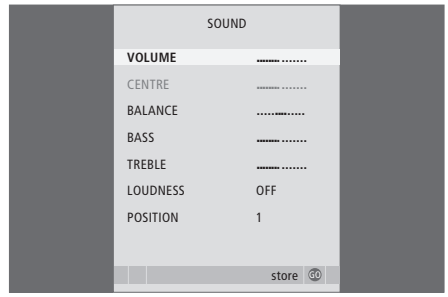
BALANCE … Adjusts the balance between the speakers.

BASS … Adjusts the bass level.

TREBLE … Adjusts the treble level.

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 ON or OFF.

POSITION … When the television is placed in a corner or close to a wall, the bass level is boosted compared to the bass level achieved when placed in a more free-standing position. To remove this excessive bass boost, select the correct POSITION setting. If the television is placed in a corner or up against a wall, select POSITION 2. If the television is placed away from a wall, select POSITION 1.



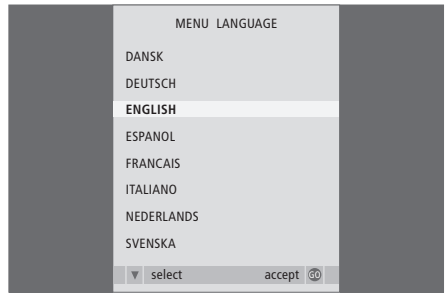
Choose menu language

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 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 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.

Tuning and preference settings, *5*
Find out how to set up your television for the first time and tune in channels. This chapter also contains information about settings for picture and sound.

Placement, sockets and connections, *17*

- Set up your television, *18*
- Camera and headphones sockets, *20*
- Socket panel, *21*
- Connect additional equipment, *22*
- Register additional video equipment, *26*

Advanced operation, *29*
How to operate a connected set-top box, call up a computer image on the screen and operate your television in Option 4.

Customise Beo4, *34*

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Set up your television

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

For further information about the socket panel, refer to page 21.

Handling your television

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.

To avoid injury, use Bang & Olufsen approved stands or wall brackets only.

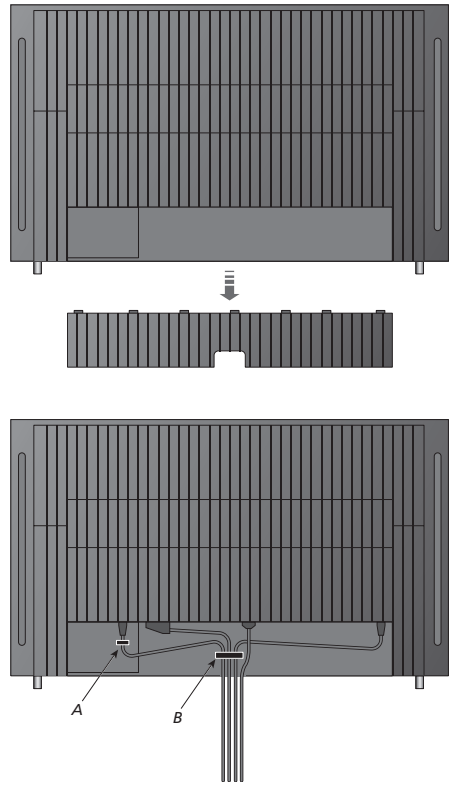
Make sure that the television is set up, placed and connected in accordance with these instructions.

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.



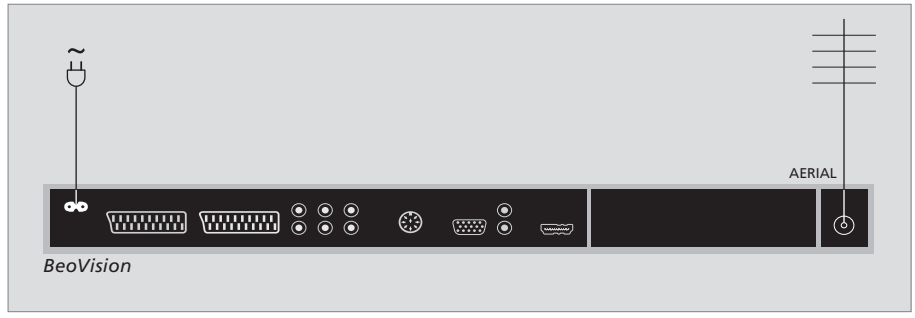
IMPORTANT! For safety reasons the mains supply cable must be fastened to the cable strip (A). All cables must be run through the cable strip (B). However, if your setup includes a VGA connection, do not run the VGA cable through the cable strip (B). Instead, use the two screws in the VGA plug to fasten it to the socket.

Aerial and mains connections

When you set the television up on its own, simply connect the TV aerial to the socket marked AERIAL on the television.

If you are going to connect speakers or any other equipment to the television, do not connect it to the mains yet!

If you damage the supplied mains cord, it may affect the TV picture adversely!



BeoVision

When connections are complete and the cables have been secured as described on the previous page, switch on the mains. A tiny, red light appears. 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 channels as explained in the chapter *'First-time setup of your television'* on page 6.

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, if you disconnect it from the mains.

When you have made all the connections and fastened the cables, mount the cable cover again.

Camera and headphones sockets

You can connect headphones and listen to a programme, or you can connect a Camcorder and watch your home movies on the television. If you have connected a video tape recorder, you can copy Camcorder recordings onto a videotape.

Sockets for temporary connections

PHONES
You can connect stereo headphones to the socket marked PHONES. Adjusting volume will affect both the television speakers and the headphones. Muting sound will affect television speakers only.

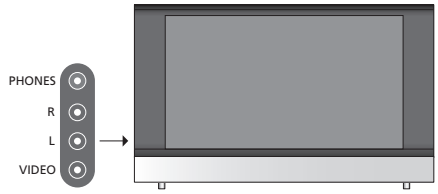
These sockets are for the connection of a Camcorder:
R – L
For audio connection (right and left sound channel respectively).

VIDEO
For the video signal.

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 34.*



Watch and copy from a Camcorder
If you have connected a video tape recorder to your television, and you connect your Camcorder, you can copy Camcorder recordings onto a videotape.

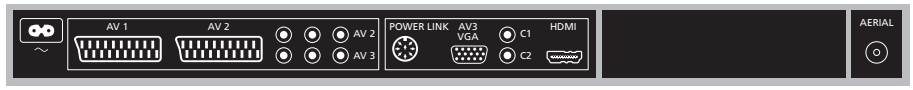
To copy a recording from a Camcorder …
> Connect your Camcorder and start playback on the Camcorder. The television automatically registers the signal and you can see the pictures on the television screen.
> Press **RECORD** twice to start recording.

Choosing another source or switching off the television during recording from a Camcorder disrupts recording. It is not possible to view TV channels during recording.

Socket panel

The socket panel on your television allow you to connect signal input cables as well as a variety of extra equipment, such as a video recorder or DVD.

The AV sockets are the primary sockets for connection of extra equipment. Any equipment you connect to these sockets must be registered in the CONNECTIONS menu. For further information, refer to the chapter *'First-time setup of your television'* on page 6.



~
Connections to the mains.

AV 1
21-pin socket for the connection of a DVD, a decoder, a set-top box or video tape recorder. You can also connect other types of extra equipment.

AV 2 / Y – Pb – Pr
21-pin socket for the AV connection of other equipment, such as a set-top box, a DVD recorder or a game console.

AV3
R – L: Right and left line signal (audio).
VIDEO: Video signal.

AV3 – VGA
VGA connection for receiving analogue graphics from an external PC. Supports the following screen resolutions: 60 Hz; 640 × 480, 800 × 600, 848 × 480, 1024 × 576, 1024 × 768, 1280 × 720, 1360 × 768.

POWER LINK
For connection of external Bang & Olufsen loudspeakers. Connect a Power Link splitter if your connected loudspeakers have only one Power Link socket.

C1 – C2
For IR control signals to external equipment connected to the AV sockets.

HDMI
(High Definition Multimedia Interface) to be used in conjunction with an AV socket. For connection of an HDMI video source or a PC.

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

Connect additional equipment

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

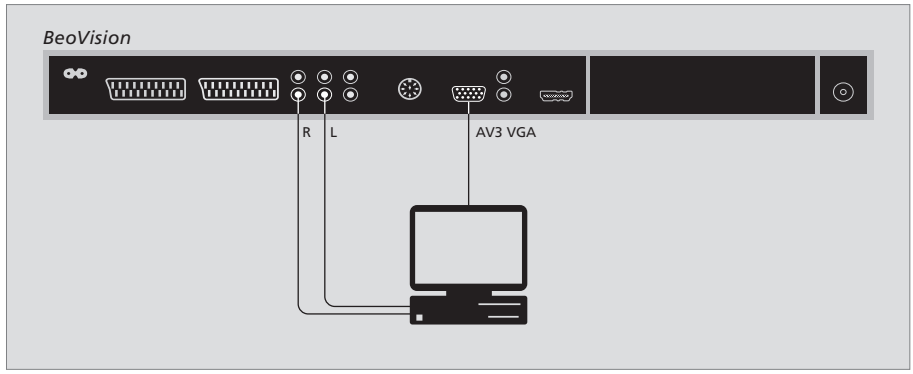
You can connect a computer and use your television as a monitor.

A decoder can be connected to the television via one of the 21-pin AV sockets.

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

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 26.

Connect a computer



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 VGA output socket on your computer, and the other end to the VGA socket on the television.

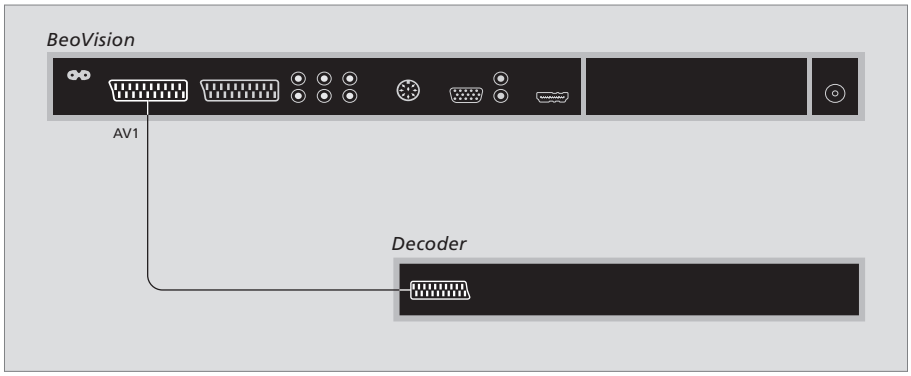
To hear sound from the computer in the television speakers, use the appropriate cable and connect the sound output on the computer to the R – L sockets on the television.

Reconnect the television, the computer, and all equipment connected to the computer to the mains.

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

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

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 AERIAL on the television.
> Connect the decoder to one of the 21-pin AV sockets on the television's socket panel.

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

Tuned channels and decoder detection

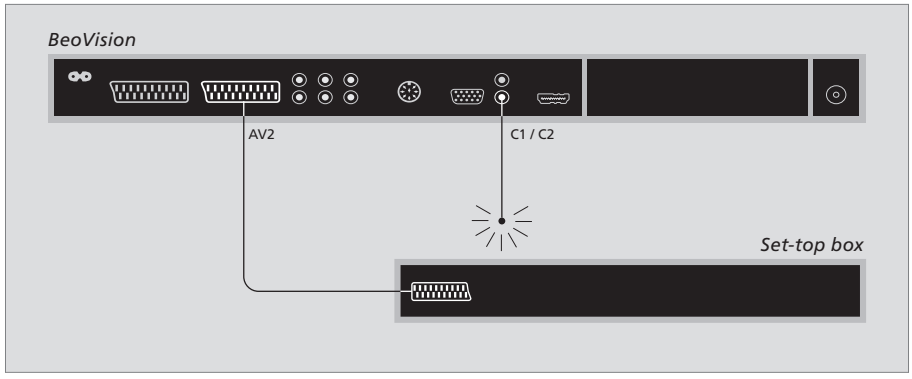
In most cases, a connected decoder is registered automatically during tuning. The decoder should automatically detect those channels which require decoding. However, if this is not the case, then adjust the setting via the MANUAL TUNING menu for the channel in question. Please refer to the section entitled *'Adjust tuned TV channels'* in the chapter '*Edit tuned channels'* on page 10.

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 one of the AV sockets on the back of the television.
> Connect the IR transmitter to the C1 or C2 socket on the television.
> If your set-top box delivers HDMI video signal, connect the set-top box to the HDMI socket also.
> 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.



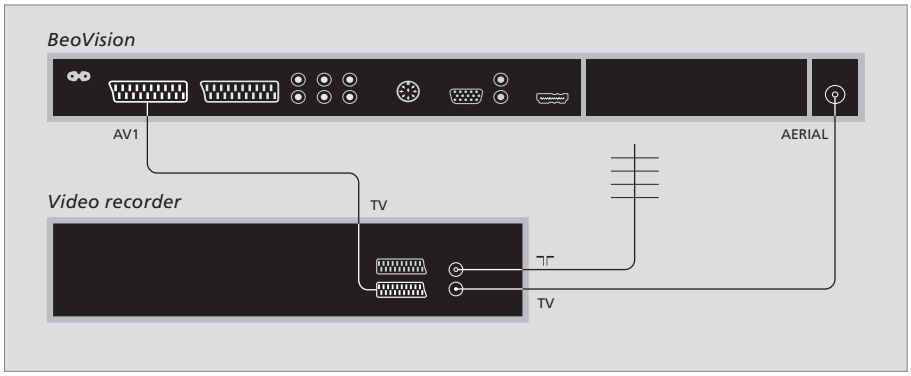
Automatic standby …
When you register a set-top box in the CONNECTIONS menu, you can also select an 'AUTO STANDBY' time for your set-top box. This means that you can select if the connected set-top box should switch to standby automatically.

The options are:
AFTER 0 MIN … The set-top box switches to stand-by 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.

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

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

Connect a video 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 on of the AV sockets on the back of the television.

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 AERIAL on the television's socket panel.

Video recorder
If you connect a video recorder to your television, and a decoder is connected to your television, you can only record decoded channels via instant recording. Press RECORD, RECORD on Beo4 to start a recording of a decoded channel. Please note that you must not change to another decoded channel during recording. If you change to another channel, the recorder will start recording this newly selected channel.

Register additional video equipment

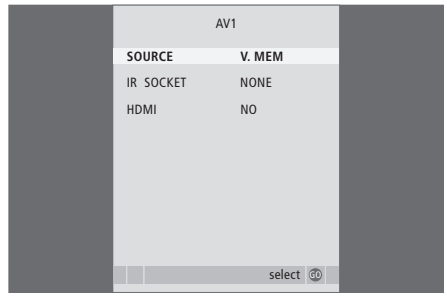
If you connect additional video equipment to your television, you must register the equipment in the CONNECTIONS menu.

When the system is first set up, the CONNECTIONS menu appears automatically on the screen, so you can register any equipment you may have connected to your televison. 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 panel*' on page 21.

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.
> Press ▼ to highlight CONNECTIONS.
> Press **GO** to call up the CONNECTIONS menu.
> Press ▲ or ▼ to step between the different sockets: AV1, AV2 and AV3.
> Press **GO** to be able to register a connected product to the highlighted socket.
> Press ▲ or ▼ to move between the different settings.
> Press ◀◀ or ▶▶ to register what you have connected to the highlighted socket.
> Press **GO** to store the settings and be able to select another AV socket.
> 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 what is connected.

What's on the CONNECTIONS menu …

AV 1

V.MEM … If you have connected a Bang & Olufsen video recorder or any other video recorder.
DVD … If you have connected a DVD player.
STB (DTV) … if you have connected a set-top box registered as DTV.
STB (V.AUX) … If you have connected a set-top box registered as V.AUX.
DECODER … if you have connected a decoder.
V.AUX … if you have connected any other type of auxiliary equipment.
NONE … if no equipment is connected.

IR SOCKET … If the equipment connected to this socket is controlled via IR, select which socket the IR controller is connected to; C1 or C2.

HDMI … If the source connected to this AV socket is also connected to the HDMI socket, select YES, otherwise select NO.

AV 2

V.MEM … If you have connected a Bang & Olufsen video recorder or any other video recorder.
DVD … If you have connected a DVD player.
STB (DTV) … if you have connected a set-top box registered as DTV.
STB (V.AUX) … If you have connected a set-top box registered as V.AUX.
DECODER … if you have connected a decoder.
V.AUX … if you have connected any other type of auxiliary equipment.
NONE … if no equipment is connected.

IR SOCKET … If the equipment connected to this socket is controlled via IR, select which socket the IR controller is connected to; C1 or C2.

HDMI … If the source connected to this AV socket is also connected to the HDMI socket, select YES, otherwise select NO.

YPbPr … Indicates whether or not the equipment is connected to the television via the YPbPr sockets. Options are YES and NO

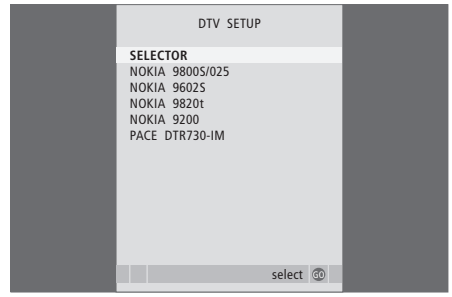
AV 3

PC … If you have connected a PC
DVD … If you have connected a DVD player.
STB (DTV) … if you have connected a set-top box registered as DTV.
STB (V.AUX) … If you have connected a set-top box registered as V.AUX.
NONE … if no equipment is connected.

IR SOCKET … If the equipment connected to this socket is controlled via IR, select which socket the IR controller is connected to; C1 or C2.

HDMI … If the source connected to this AV socket is also connected to the HDMI socket, select YES, otherwise select NO.

VGA … Indicates whether or not the equipment – High Definition video source or PC – is connected to the television via the VGA socket. Options are YES and NO.



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 a source is connected to the HDMI socket, you cannot record an HD source, unless your HD equipment also provides a Standard Definition (SD) signal;

This chapter tells you how to operate a connected set-top box, how to use your television as a computer monitor, and how to operate your television in Option 4.

Tuning and preference settings, *5*
Find out how to set up your television for the first time and tune in channels. This chapter also contains information about settings for picture and sound.

Placement, sockets and connections, *17*
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 video recorder to your television and how to register extra equipment.

Advanced operation, *29*

- Set-top box operation, *30*
- Use your television as a computer monitor, *32*
- Two televisions in the same room, *33*

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Set-top box operation

Your television is equipped with a built-in Set-top Box Controller.

The 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 channels 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

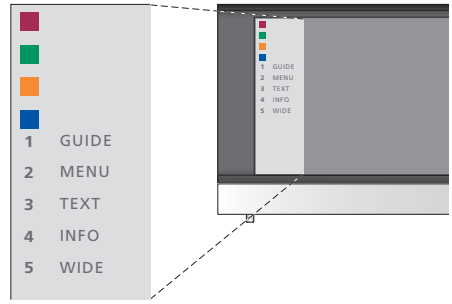
Some of the buttons on your set-top box remote control are not immediately available on Beo4. To find out which Beo4 buttons activate specific services or functions in your set-top box, bring up the Set-top Box Controller menu on the screen.

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



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 DTV or V.AUX in the CONNECTIONS menu. This determines which button activates the set-top box; DTV or V.AUX.

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 channels 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 channel 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.*

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

Use your television as a computer monitor

If you connect your television to a computer, as described on page 26, you can use it as a monitor.

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.

**In order to display PC on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 34.*

The television supports the following screen resolutions: 60 Hz; 640 × 480, 800 × 600, 848 × 480, 1024 × 576, 1024 × 768, 1280 × 720, 1360 × 768.

If you have placed your BeoVision 8 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 8. 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 ...

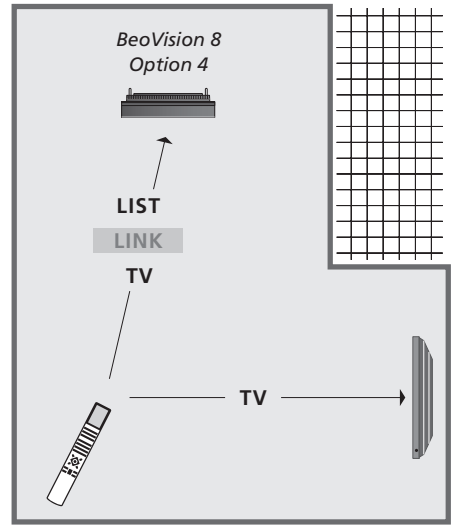
> While holding the • button on Beo4, press **LIST**.
> Let go of both buttons.
> Press **LIST** repeatedly to display OPTION? on Beo4 and press **GO**.
> Press **LIST** repeatedly to display V.OPT on Beo4 and press **4**.

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 34.*



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 34.

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 8 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 2 on Beo4*	**LIST** VIDEO 2
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’

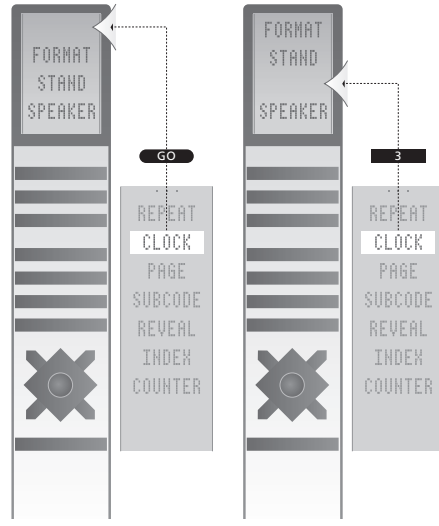
You can rearrange the order in which the extra ‘buttons’ appear when you press LIST.

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

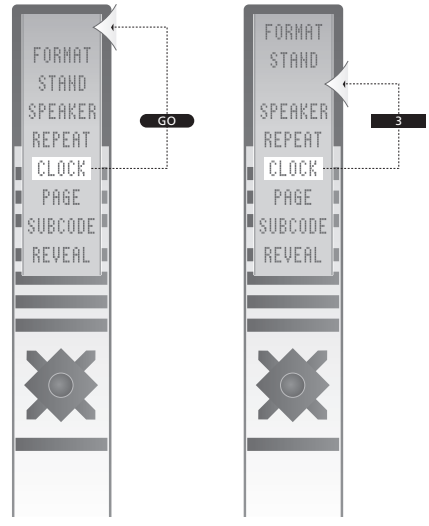
Remove an extra ‘button’

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.

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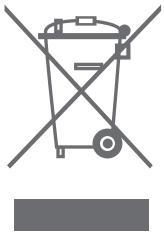

Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

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.

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

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

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