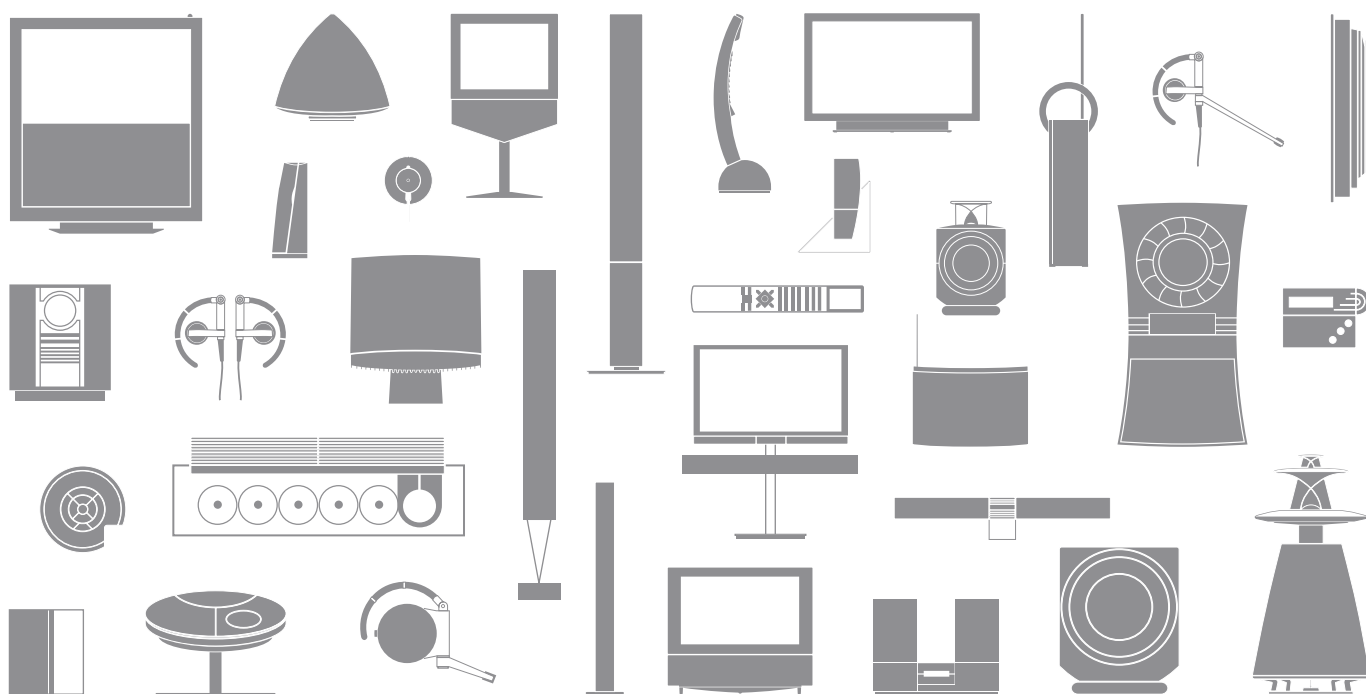
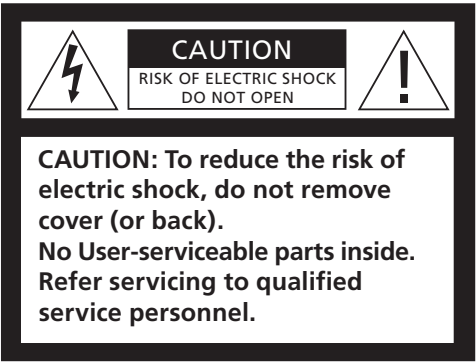


BeoVision 8


Guide






WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.

To completely disconnect this equipment from the AC Mains, disconnect the mains plug from the wall socket. The disconnect device shall remain readily operable.

 The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

An explanation of symbols in the Guide	
Buttons on the Beo4 remote control	TV, LIST ◀ ▶ ▲ ▼
Display on the Beo4 remote control	FORMAT
Display on the television	VOL 26

We expect your Bang & Olufsen retailer to deliver, install and set up your products. However, the information required to install and set them up is included in the Guide.

This is useful if you move your products or expand your system at a later date.

Daily operation, 4

Find out how to use the Beo4 remote control, bring up the menus on the screen, operate the daily functions of your television and how to adjust sound and picture format. In addition, find an overview of the on-screen menu system.

Advanced operation, 9

Find out how to operate a connected source, call up a computer image on the screen and operate your television in Option 4. In addition find out how to operate an audio system and how to operate your television in a link room.

Installation – Setup, 21

Find out how to handle and place your television and where the sockets are placed. Find out how to connect a source to your television and how to register extra equipment. Find out how to set up your television for the first time. This chapter also contains information about settings for picture and sound.

Maintenance, 33

How to clean your television and change batteries in the Beo4 remote control. This chapter also contains information about how to customise the Beo4 remote control.

Index, 36

Introducing your television and Beo4

The Beo4 remote control gives you access to all functions. When a function is in use, you are informed via displays on Beo4 or on the television.

- Switch on the television and a connected source
- Switch on a connected source
- Select channels or teletext pages. Enter data in on-screen menus
- Enter information in on-screen menus.
- Accept and store instructions or settings. Press and hold to call up a channel list
- Step up or down through channels or menu items
- Reveal additional functions in the Beo4 display, such as FORMAT

TV
DTV
0 – 9
GO
LIST



For information about how to operate connected equipment, refer to the Guide enclosed with it. For information on how to add extra functions to those shown in the Beo4 display, refer to the chapter 'Customise Beo4'.

TV
FORMAT

MENU

^
v

STOP

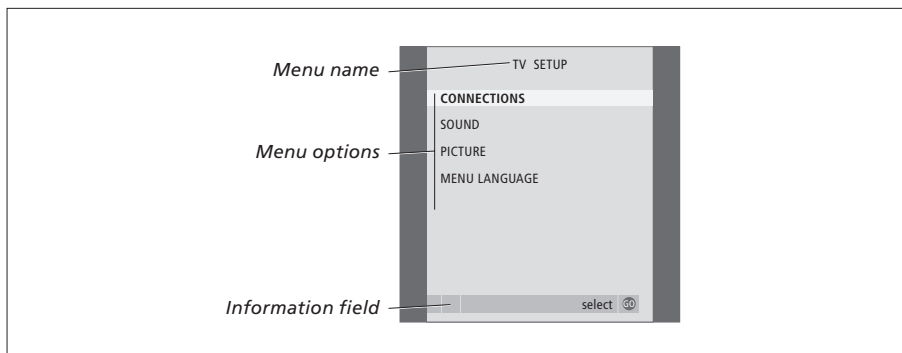
EXIT



- The Beo4 display shows the source you have selected, or extra functions available when you press the LIST button
- Bring up a menu overlay. Press twice to bring up the main menu.
- Adjust sound volume: press in the middle to mute the sound
- Step back through previous menus
- Exit all on-screen menus
- Switch the television to standby

Displayed information and menus

Information about the selected source is shown in the display. On-screen menus allow you to adjust settings.



How to use on-screen menus ...

Press to switch on the television

TV

Press twice to bring up the TV SETUP menu

MENU

Press to move between the different menu options



Press to reveal different settings



Press to bring up a menu or store a setting you have made

GO

Press to step back through previous menus

STOP

Press to exit all menus

EXIT

Example of on-screen menu.

Several sound adjustment possibilities are available in your television.

You can adjust the volume or mute the sound completely at any time.

If channels are broadcasted with different sound types or languages, you can choose between the sound types or languages.

If speakers are connected to your television, you can adjust the speaker balance and select a speaker combination.

While watching TV, you can adjust the picture format.

Adjust volume or mute the sound

You can adjust volume or mute the sound at any time.

Press either end of the button to
adjust the volume up or down

Press in the middle of the button
to mute the sound

Press either end of the button to
bring the sound back

Prolonged listening at high volume levels can cause hearing damage!

Speaker balance or combination

If you connect loudspeakers to your television, you can change the speaker combination at any time.

Press repeatedly to display
SPEAKER on Beo4

LIST

SPEAKER

Press to select a speaker combination

1 – 3

Press to remove SPEAKER from the Beo4 display and return to the source you were using

EXIT

Speaker combinations

SPEAKER 1 ... Sound in the television speakers only.

SPEAKER 2 ... Stereo sound in the two front speakers.

SPEAKER 3... The television speakers and the front speakers are active.

Picture format

Select a picture format to optimise the picture.

Press repeatedly to display
FORMAT on Beo4

LIST

FORMAT

Press if you want to optimise the
picture, or ...

GO

... press the number of the
desired picture format

1 – 3

If you have chosen Format 1 ...

Press ◀ or ▶ to select variations
of this format

◀ ▶

If you have chosen Format 1
or Format 2 ...*

Press ▲ or ▼ to move the
picture up and down

▲
▼

Press to leave the FORMAT
function

EXIT

**Pictures in 4:3 format cannot be
moved up and down.*

Picture formats to choose from ...

FORMAT 1 ... For standard TV pictures. Three variations are available: 4:3, 15:9 and Panoramic view (for the largest picture).

FORMAT 2 ... For letter-box pictures. If necessary move the picture up or down to ensure that channel names or subtitles – if these appear in the broadcasted picture – can be seen. In some cases FORMAT 2 is selected automatically.

FORMAT 3 ... For genuine 16:9 wide-screen pictures. FORMAT 3 is usually selected automatically. If this is not the case, you can select it yourself.

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.

Menu overview

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

TV SETUP pp. 30	PICTURE pp. 34
TV	BRIGHTNESS
CONNECTIONS pp. 31	CONTRAST
AV 1	COLOUR
SOURCE	TINT
IR SOCKET	HORIZONTAL SIZE
HDMI	HORIZONTAL POSITION
AV 2	VERTICAL POSITION
SOURCE	MENU LANGUAGE p. 32
IR SOCKET	DANSK
HDMI	DEUTSCH
YPbPr	ENGLISH
AV 3	ESPANOL
SOURCE	FRANCAIS
IR SOCKET	ITALIANO
HDMI	NEDERLANDS
VGA	SVENSKA
AV 4	
SOURCE	
IR SOCKET	
HDMI	
SOUND pp. 34	
VOLUME	
CENTRE	
BALANCE	
BASS	
TREBLE	
LOUDNESS	
POSITION	

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.

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

Daily use, 4

Find out how to use the Beo4 remote control, bring up the menus on the screen, operate the daily functions of your television and how to adjust sound and picture format. In addition, find an overview of the on-screen menu system.

Advanced operation, 9

- Use connected video equipment with Beo4, 10
- Use your television as a computer monitor, 13
- Two televisions in the same room, 14
- Connect and operate an audio system, 16
- BeoVision in a link room, 18

Installation – Setup, 21

Find out how to handle and place your television and where the sockets are placed. Find out how to connect a source to your television and how to register extra equipment. Find out how to set up your television for the first time. This chapter also contains information about settings for picture and sound.

Maintenance, 33

How to clean your television and change batteries in the Beo4 remote control. This chapter also contains information about how to customise the Beo4 remote control.

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Use connected video equipment with Beo4

The built-in Peripheral Unit Controller acts as an interpreter between connected video equipment, such as a set-top box, video recorder or DVD player, and the Beo4 remote control.

You can use the Beo4 remote control to gain access to the channels and functions offered by your equipment.

Some functions are available via Beo4 when you switch on the equipment. Additional functions are available through a Peripheral Unit Controller menu that you bring up on the screen.

For instruction in the various functions offered by your equipment, please refer to the product’s own user’s guide.

For further information about supported equipment, contact your Bang & Olufsen retailer.

Peripheral Unit Controller menu

Buttons on the remote controls included with your equipment may not match those on Beo4. To see which Beo4 buttons activate specific services or functions, bring up the Peripheral Unit Controller menu on the screen.

Press a source button to switch on connected equipment

TV
DTV

Press to bring up the Peripheral Unit Controller menu

MENU

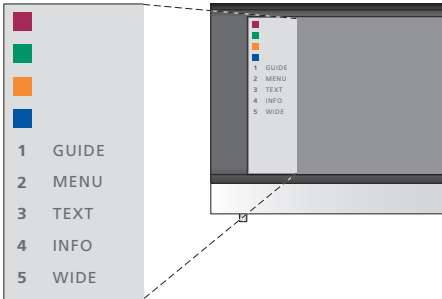
Press the number button that activates the function you want, or ...

1 – 9

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



When you have selected a set-top box as a source, press MENU twice to bring up the television’s main menu.



Example of a Peripheral Unit Controller menu – The Beo4 buttons are shown to the left on the menu, and the functions they control are shown to the right. The menu may also list buttons on the remote control included with your connected equipment.

Universal Beo4 operation

If you know which Beo4 button activates the function you want, you can activate the function without bringing up the Peripheral Unit Controller menu first.

While your equipment is on ...

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 source

GO

Use equipment menus

Once you have activated connected equipment, you can operate its own menus with Beo4.

While equipment menus are 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 connected equipment



**Depending on your source, you may have to press EXIT twice instead of STOP to return to a previous menu.*

Use equipment in a link room

When you have connected equipment to the television in the main room, you can operate it and listen to the sound via the link room television.

Press to switch on equipment in the main room

V MEM
DVD
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



Playback on a video recorder or DVD player

You can switch on your equipment, start and stop playback and search back and forth using Beo4. Eject a video cassette or DVD via the close-up operation panel on the equipment.

Press to switch on your video recorder or DVD player and start playback	V MEM DVD
Search back and forth	◀ ▶
Press to pause playback	STOP
Press to resume playback, or ...	GO
... press to stop playback completely	STOP
Switch the system to standby	•

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

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.

The television supports the following screen resolutions: 60 Hz; 480p, 576p, 600p, 720p, 768p.

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 36.*

Two televisions in the same room

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 ...

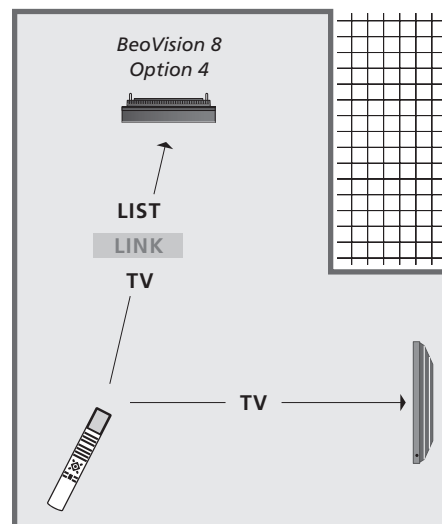
- > While holding the • button on Beo4, press LIST.
- > Let go of both buttons.
- > Press LIST repeatedly to display OPTION? on Beo4 and press GO.
- > Press LIST repeatedly to display V.OPT on Beo4 and press 4.

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 36.*



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 36.

Connect and operate an audio system

If you connect a compatible audio system to your television, you obtain the benefits of an integrated audio/video system.

Play a CD on your audio system using the 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

Using a Master Link cable, connect the MASTER LINK sockets on the television and the audio system.

Option setting

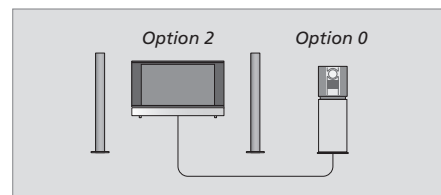
If your television has been set up in an AV system, you may need to set it to the correct option. Switch the entire system to standby.

Option setting for the television

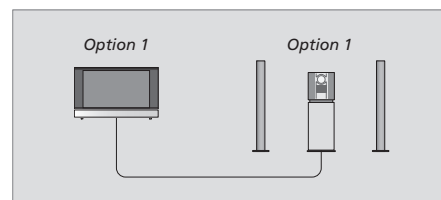
- > While holding the • button on Beo4, press **LIST**.
- > Let go of both buttons.
- > Press **LIST** repeatedly to display OPTION? on Beo4 and press **GO**.
- > Press **LIST** repeatedly to display V.OPT on Beo4 and then key in the appropriate number (1 or 2).

Option setting for the audio system

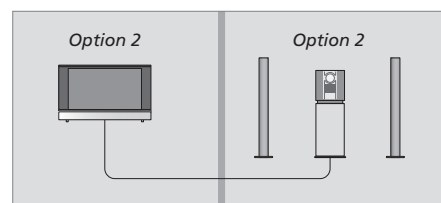
- > Repeat the procedure as described above.
- > Press **LIST** repeatedly to display A.OPT on Beo4 and then key in the appropriate number (0, 1, 2, 5 or 6).



In one room – all speakers are connected to the television.



The television and audio system in the same room.



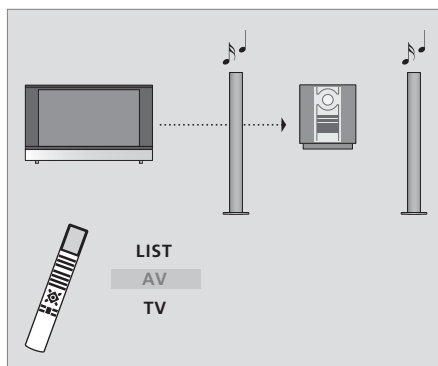
Audio system in one room, and the television in another.

Use an integrated audio/video system

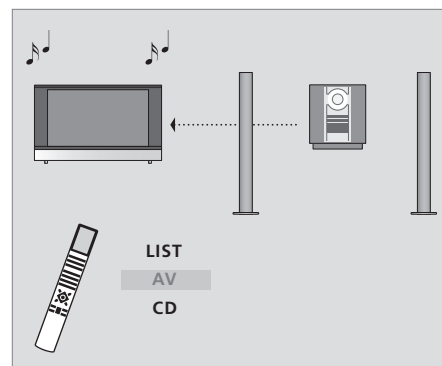
If you integrate your audio system and your television, you can choose a speaker combination appropriate to the current video or audio programme, and also record video sound on the audio system.

Video sound recording

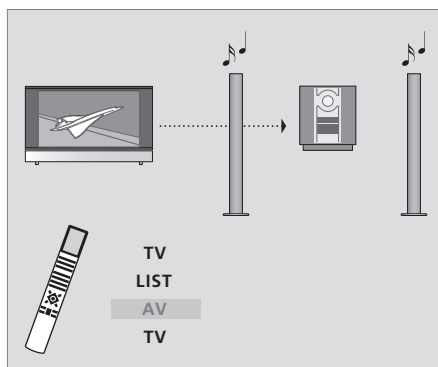
If you listen to sound from your television on your Bang & Olufsen audio system's speakers, and your audio system has a tape recorder, you can record television sound on the audio tape recorder. Refer to the Guide enclosed with your audio system for further information.



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



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

*NOTE! In order to display AV on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the main television User's guide and the chapter 'Customise Beo4'.

BeoVision in a link room

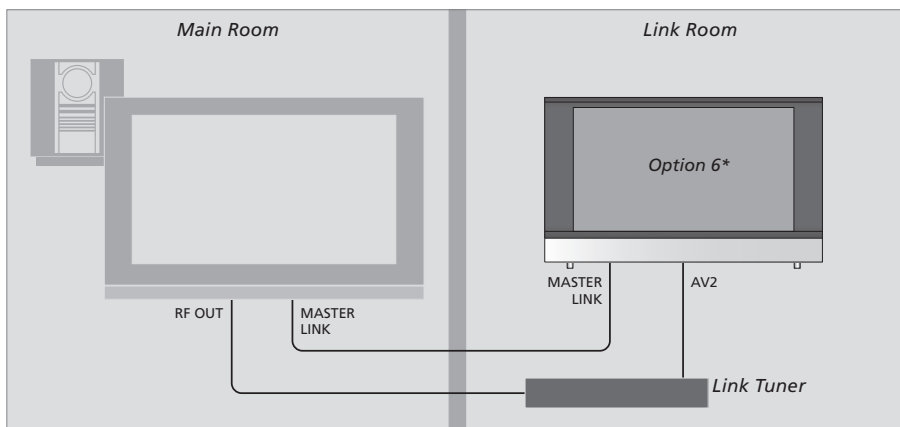
If you choose to use your television in a link room, you can operate all connected systems through the television.

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

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

Option setting



To set the link room television to the correct Option ...

- > 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, you must set the television to Option 5 instead. If you wish to distribute both sound and pictures from a main room video source to your link room television, an external tuner will be necessary.

Timer Play in link room*

If your television is placed in the link room, it can be part of a Timer Play programmed on your main room system.

To make your television part of a Timer Play ...

- > Press **TV** to switch on the television.
- > Press **MENU** to bring up the TV SETUP menu and press **▼** to highlight **PLAY TIMER**.
- > Press **GO** to bring up the **PLAY TIMER** menu. **TIMER ON/OFF** is already highlighted.
- > Press **◀** or **▶** to reveal **ON**.
- > Press **GO** to store the setting.

*NOTE! If your BeoVision 8 is linked to a video or audio master with the possibility of programming a Timer Play, the Timer Play can be executed on BeoVision 8.

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; operate the selected source as usual.

Use a main room source – present in both rooms ...

- > Press **LIST** repeatedly on Beo4 until LINK* is shown in the display.
- > Press the button for the source you wish to use; operate the source as usual.

If you only wish to switch on audio mode from a main room video source, press LIST repeatedly until AV.V is shown in the display instead of LINK, then press the button for the source you wish to use and operate the source as usual.

Use a link room source – present in both rooms ...

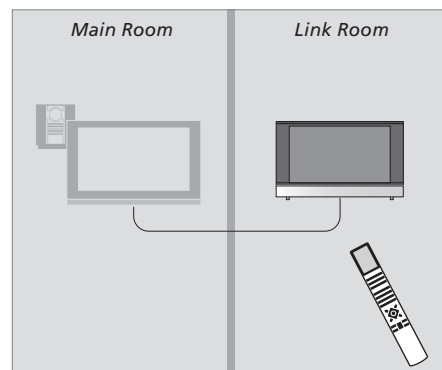
- > Press the button for the source you wish to use; operate the source as usual.

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 **DTV** to switch on the television.
- > Press **LIST** repeatedly until AV* is shown in the Beo4 display..
- > Press **DTV** to activate a source connected to the main room system, such as a set-top box.

While using this function, distribution of other main room sources to other link room systems is not possible. You can only listen to stereo sound if your television is set for Option 6.



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

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.

In this chapter, you can also find out how to perform the first-time setup procedure and adjust available settings, such as picture and sound.

Daily use, 4

Find out how to use the Beo4 remote control, bring up the menus on the screen, operate the daily functions of your television and how to adjust sound and picture format. In addition, find an overview of the on-screen menu system.

Advanced operation, 9

Find out how to operate a connected source, call up a computer image on the screen and operate your television in Option 4. In addition find out how to operate an audio system and how to operate your television in a link room.

Installation – Setup, 21

- Set up your television, 22
- Camera and headphones sockets, 24
- Socket panel, 25
- Connect additional equipment, 26
- First-time setup of your television, 27
- Register additional video equipment, 28
- Adjust picture and sound settings, 30
- Choose menu language, 32

Maintenance, 33

How to clean your television and change batteries in the Beo4 remote control. This chapter also contains information about how to customise the Beo4 remote control.

Index, 36

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 25.

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.

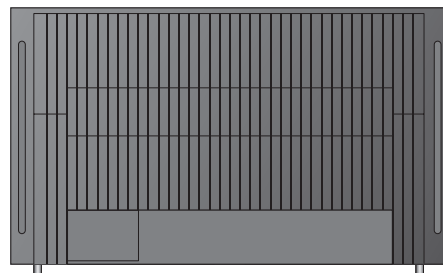
The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–40°C (50–105°F).

Do not place any items on top of the television.

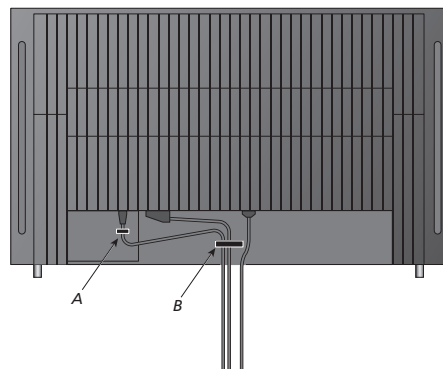
Always place your television on a firm and stable surface.

Do not attempt to open the television. Leave such operations to qualified service personnel.

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.



To remove the cover for the connection panel, first pull out, then pull down at the bottom, also if the television is placed on a video stand.



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.

Connection of the television

Before you connect the television to the mains, you must connect it to an external tuner. Make sure you have a 21-pin cable, an adaptor and other required cables, then connect the equipment as illustrated to the right.

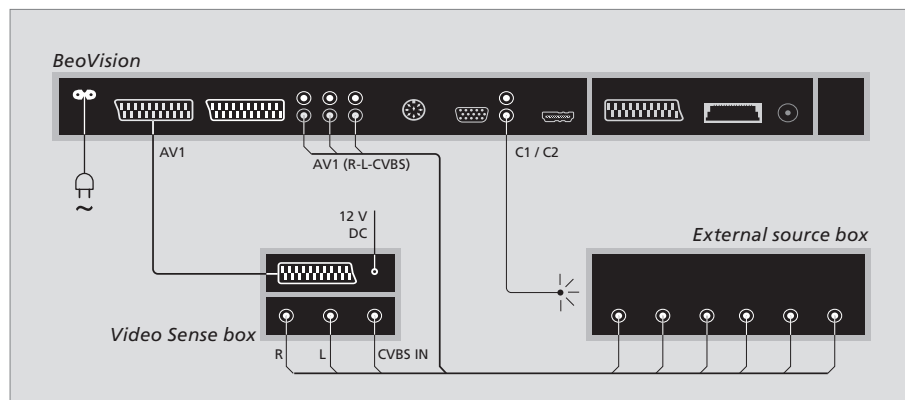
To be able to use the remote control included with your external tuner, do not cover its IR receiver entirely.

Mains connections

Connect the television to the wall outlet. Use the ~ socket on the connection panel.

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!



Automatic standby ...

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

The options are:

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

Sources 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 source is also switched to standby.*

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.

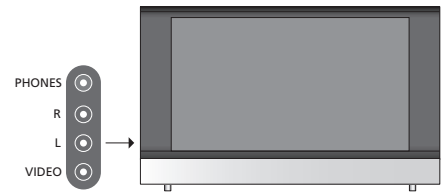
Watch digital pictures on your television

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 36.*



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.

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 30.



~
Connections to the mains.

AV 1*
21-pin socket for the AV connection of a primary external tuner, such as a set-top box or a DVD recorder.

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

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; 480p, 576p, 600p, 720p, 768p.

AV 4
21-pin socket for the AV connection of other equipment.

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.

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.

MODULATOR
Not for use in this setup.

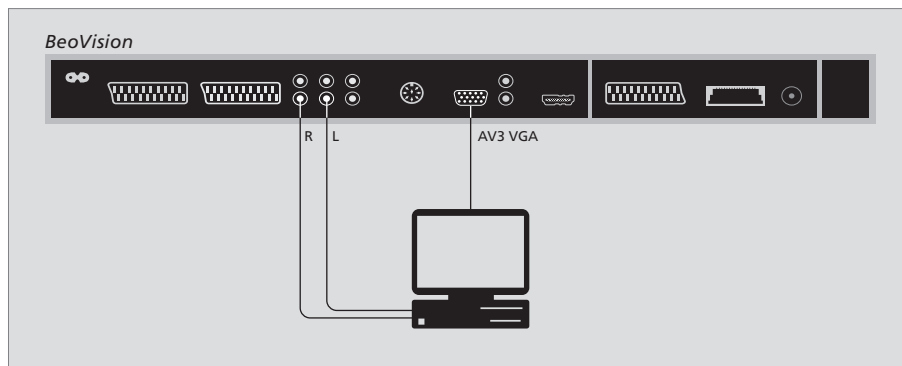
*Note! To connect equipment to the AV1, AV2 and AV4 sockets, an adaptor will be necessary.

Connect additional equipment

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

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 28.

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.

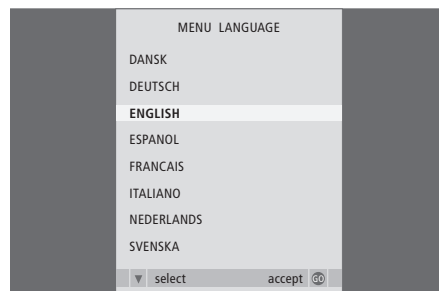
IMPORTANT! If you wish to connect a computer to the television and use the television as a monitor, make sure that the television, the computer, and all equipment connected to the computer are all disconnected from the mains before you connect the computer and the television to each other.

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

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 and register any extra equipment you have connected.

Select menu language

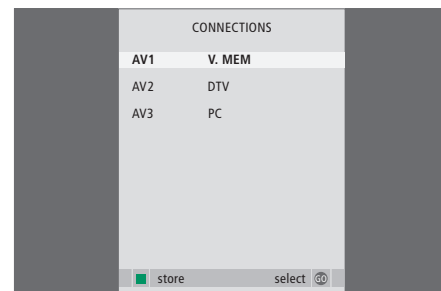


The first time you switch on your television, you must select which language you want all the menus to be displayed in.

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



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, AV3 and AV4.
- > 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.

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 television. 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 25.

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, AV3 and AV4.
- > 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.

AV1	
SOURCE	V. MEM
IR SOCKET	NONE
HDMI	NO
select 	

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

- TV ... if you have connected a source registered as TV.
- DTV ... if you have connected a source registered as DTV.
- DVD ... If you have connected a DVD player.
- DVD ... If you have connected a Bang & Olufsen DVD player.
- V.MEM ... If you have connected a recorder.
- V.AUX ... If you have connected a source 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.

AV 2

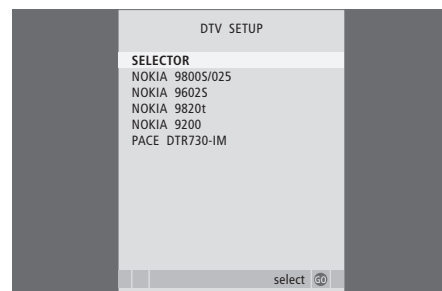
- TV ... if you have connected a source registered as TV.
- DTV ... if you have connected a source registered as DTV.
- DVD ... If you have connected a DVD player.
- DVD ... If you have connected a Bang & Olufsen DVD player.
- V.MEM ... If you have connected a recorder.
- V.AUX ... If you have connected a source registered as V.AUX.
- LINK ... To display sound and pictures from a main room video source, if your television is placed in a link room.
- 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

- TV ... if you have connected a source registered as TV.
- DTV ... if you have connected a source registered as DTV.
- DVD ... If you have connected a DVD player.
- PC ... If you have connected a BeoMedia.
- PC ... If you have connected a PC
- V.AUX ... If you have connected a source 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.

AV 4

- TV ... if you have connected a source registered as TV.
- DTV ... if you have connected a source registered as DTV.
- DVD ... If you have connected a DVD player.
- DVD ... If you have connected a Bang & Olufsen DVD player.
- V.MEM ... If you have connected a recorder.
- V.AUX ... If you have connected a source 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.



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.

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.

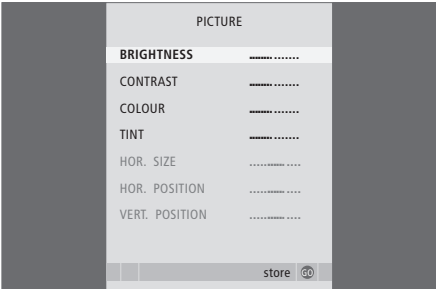
For information about how to change the picture format, refer to the Guide page 7.

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.

TINT ... Adjusts the colour shade or nuance on the current channel. Only available for video sources using the NTSC signal.

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.

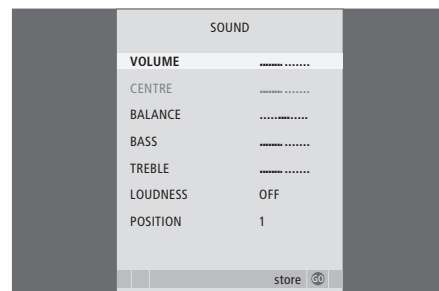
Change volume, bass or treble

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**.

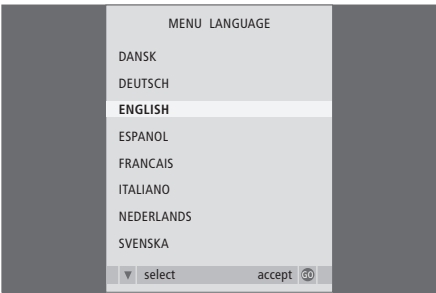


Choose menu language

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.



Regular maintenance, such as cleaning the television, is the responsibility of the user. To achieve the best result, follow the instructions to the right. Contact your Bang & Olufsen retailer to determine recommendations for regular maintenance.

Cleaning

Never use alcohol or other solvents to clean any part of the television, stand or wall bracket!

Cabinet surfaces

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

The speaker cover may also be cleaned with a soft brush mounted on a vacuum cleaner, set to the lowest level.

Picture screen

To clean the picture screen, use a mild window cleaning fluid (not containing alcohol). To retain the optimum performance of the screen, make sure that no streaks or traces of the cleaning fluid are left on the screen.

Beo4

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

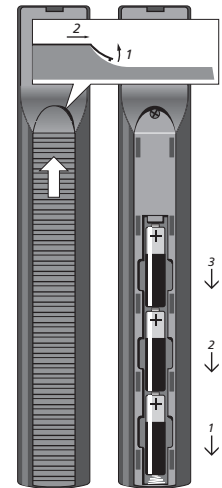
Changing the Beo4 batteries

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

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

When you have replaced the batteries, wait about 10 seconds until TV appears in the display. The Beo4 remote control is then ready for use.

Do not expose batteries to excessive heat such as sunshine, fire or the like!



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?

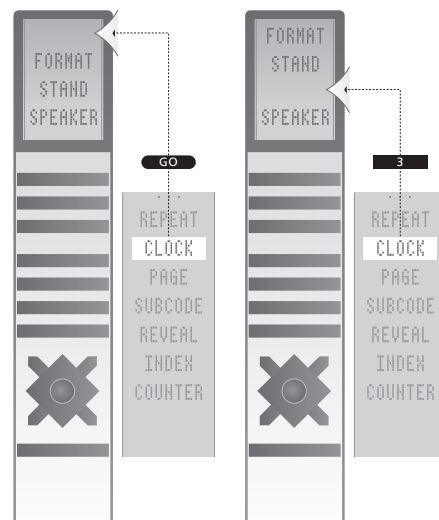
Press to bring up the list of extra 'buttons'. The first 'button' appears in the display **GO**

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

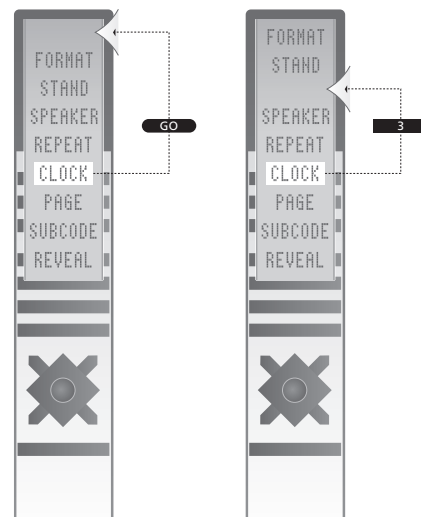
Press to remove the 'button' shown in the display **GO**

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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For your information ...

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

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

Thank you!

To contact us, visit our web-site on:
www.bang-olufsen.com

or write to: Bang & Olufsen a/s
BeoCare
Peter Bangs Vej 15
DK-7600 Struer

or fax: Bang & Olufsen
BeoCare
+45 9785 3911 (fax)



This product is in conformity with the provisions of the Directives 1999/5/EC and 2006/95/EC.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

For the US-market only!

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

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

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

For the Canadian market only!

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

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

