

Dear Customer

This guide contains information about the daily use of your Bang & Olufsen product and connected equipment. We expect your retailer to deliver, install and set up your product.

On *www.bang-olufsen.com* you can find further information and relevant FAQs about your product.

Your Bang & Olufsen retailer is your first stop for all your service queries.

To find your nearest retailer, visit our website ...

www.bang-olufsen.com

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 uninsulated “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.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The mains plug of the power supply cord shall remain readily operable.

Do not expose batteries or battery packs to excessive heat such as sunshine, fire or the like.

Follow instructions to ensure correct and safe installation and interconnection of equipment in multimedia systems.

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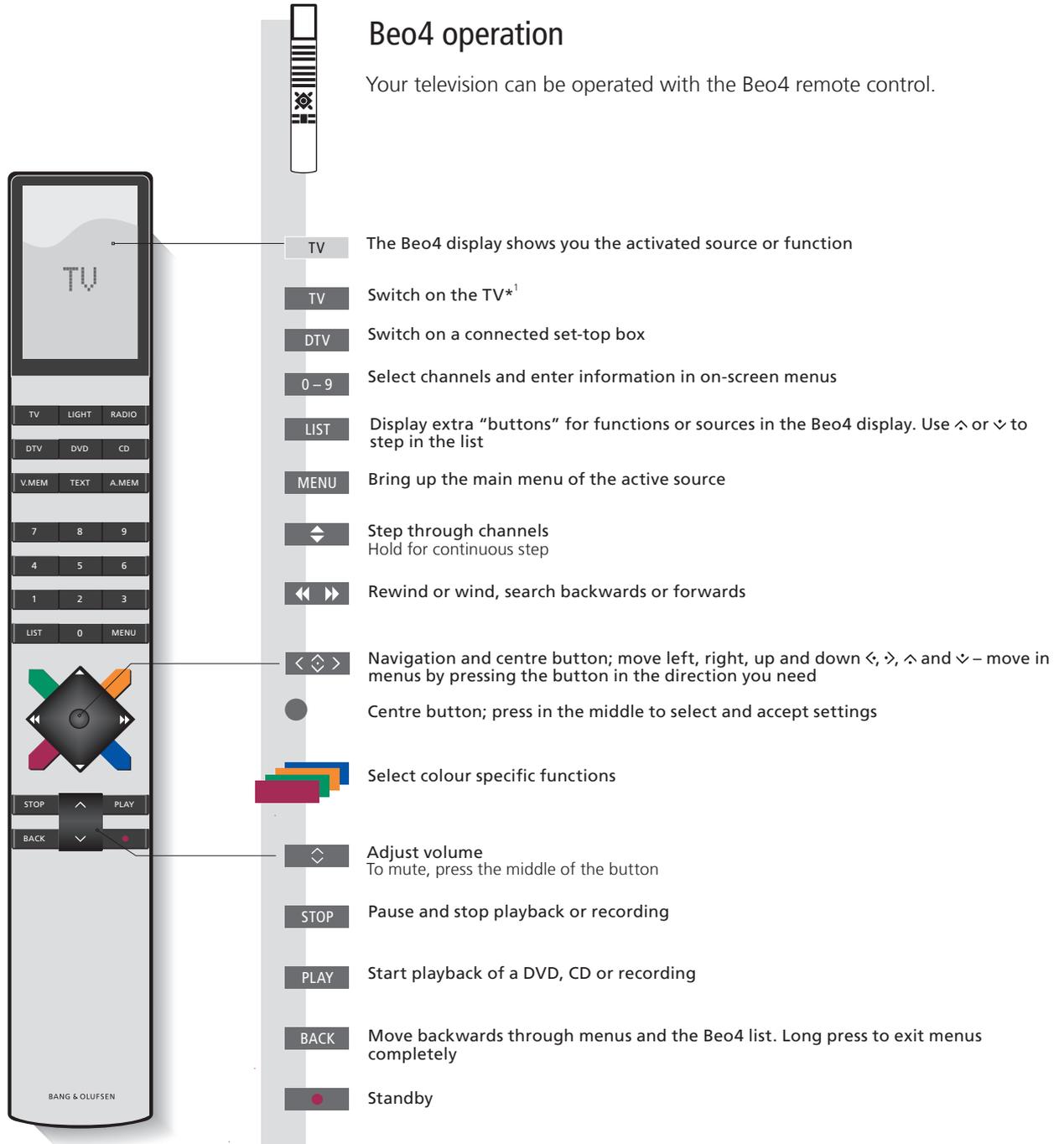
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How to use your remote control



Important – for more information: www.bang-olufsen.com

BEO4 SETTING menu In the 'OPTIONS' menu, you can bring up the 'BEO4 SETTING' menu. Remember to set your Beo4 with navigation button to the MODE corresponding to the setting you make in the 'BEO4 SETTING' menu. See the Beo4 guide or contact your Bang & Olufsen retailer for further information.

¹*Some buttons can be configured during the setup process. See p. 29.
NOTE! For general information about remote control operation, see the guide enclosed with your remote control.

Beo5 operation



You can also operate your TV with a Beo5. Where relevant Beo5 operations have been mentioned.

The diagram illustrates the Beo5 remote control and its interaction with a TV screen. The TV screen displays a menu titled "Living Room" with options: TV, V.MEM, RADIO, DTV, N.MUSIC, N.RADIO, PC, DVD, and CD. Below the screen is the Beo5 remote control, which features a central volume wheel, a navigation pad, and several function buttons. Lines connect these buttons to their respective descriptions in the list below.

- TV** Soft button, touch screen to select*²
Switch on a source or select a function
- ↶** Back up through Beo5 displays
- ⤴** Bring up SCENE buttons, such as Zones or Speaker
Press again to return
- +** Bring up digits to select, for example, channels
Press again to return
- STOP** Pause and stop playback or recording
- PLAY** Start playback of a DVD, CD or recording
- BACK** Move backwards through menus. Long press to exit menus completely
- Coloured buttons** Select colour specific functions*³
Press volume wheel next to the colour
- Volume wheel** Turn to adjust volume
To mute, turn quickly counter-clockwise
- Centre button** Centre button is used for selecting and accepting
- Navigation pad** Navigation button left, right, up and down – move in menus by pressing the button in the direction you need
- ⏮ ⏭** Rewind or wind, search backwards or forwards
- ⏪ ⏩** Step through channels or recordings
Hold for continuous step
- Red dot** Standby

²**About buttons** Light grey buttons indicate that you have to press a text in the display. Dark grey buttons indicate that you have to press a hard button.

³**Coloured buttons** Press the wheel next to the colour to activate a coloured button.

Actual zone Indicates the actual zone on Beo5 as it was named during the Beo5 configuration process.

Soft buttons on Beo5 Depending on the activated source, different soft buttons appear on the screen. Touch the screen to activate the function.

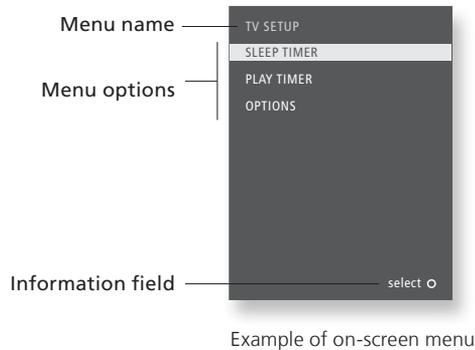
Introduction

Navigate in menus and select settings using your remote control. On page 39 you will find an overview of the menus in your TV.

Display and menus

Information about the selected source is shown at the top of the screen. On-screen menus allow you to adjust settings.

TV	or	DTV	MENU
Switch on TV		Switch on connected set-top box	Show menu



Important – for more information: www.bang-olufsen.com

Remote control The instructions in this guide are mainly based on the Beo4 remote control, but you can also operate the TV with Beo5. On the first pages in this guide, you will find an overview of the buttons on Beo4 and Beo5. For general information about remote control operation, see the guide enclosed with your remote control.

Navigate in menus

When a menu is on the screen, you can move between menu options, reveal settings or enter data.



Select option/
setting



Enter data



Bring up sub-
menu/store
setting



Select option



Move
backwards
through menus

or



Press and hold to
exit menus

This Guide describes operation with Beo4 in MODE 1 and the BEO4 SETTING menu set to NAVIGATION BUTTON, see page 6 for further information.

Operate equipment with Beo4 or Beo5

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

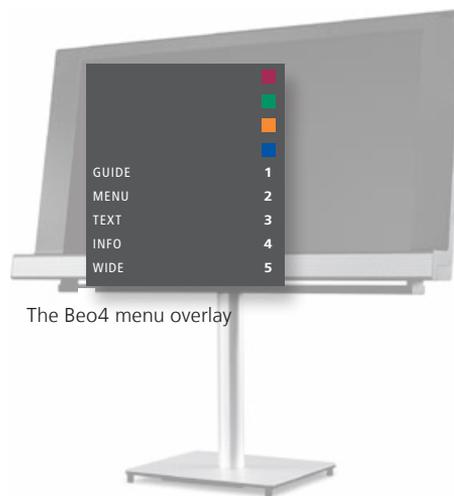
Show menu overlay*¹

Using the Beo4 you get quick access to selected function via the menu overlay.



Direct Beo4 operation

Activate a function without the menu overlay. The connected equipment must be switched on.



The Beo4 menu overlay

Useful hints

¹***Menu overlay** You cannot bring up the overlay in link rooms. Instead, press a desired coloured button or display 'SHIFT' on Beo4 and press a number.

²***Programme Guide or Now/Next banner** Only if supported by the external equipment.

NOTE! Which source button activates your peripheral unit depends on the settings in the 'CONNECTIONS' menu. See p. 29.

Use the Bang & Olufsen remote control to gain access to the functions offered by your non-Bang & Olufsen equipment. Some features and functions of the television may not be available when non-Bang & Olufsen equipment is connected.

Beo5 operation

The main functions of your equipment can be operated via the Beo5 display. Not all functions may be supported.

→ Select source → Select function

Use equipment menus

Operate a connected equipment's own menu via the remote control.

→ Bring up equipment menu



Navigate in menus



or



Select function



Step in pages/
channel lists



Enter information

TV menu On Beo4 press **MENU** twice to bring up the TV's main menu, when e.g. DVD is selected as source.

NOTE! See also the guide enclosed with the connected equipment. For further information about supported equipment, contact your Bang & Olufsen retailer.

BeoLink system

If your television is equipped with the optional System Module, you can have a BeoLink system where you can operate all connected sources from both the main room and link rooms.

TV sound on the audio speakers

Listen to sound from a TV source on your audio system speakers.



LIST

Select AV*¹

TV

Select video source



...

Select audio speaker zone

TV

Select video source

Audio sound on the TV speakers

Listen to audio sound on the speakers connected to the TV. Only relevant for Option 1-1, see p. 21.



LIST

Select AV*¹

CD

Select audio source



...

Select TV speaker zone

CD

Select audio source

Use a source present in one room*²

Activate a main or link room source from a link room. The source type, for example an audio product, is only present in one of the rooms.



RADIO

Select source

Operate source as usual



RADIO

Select source

Operate source as usual

Useful hints

Main room source This is the central source from which you can distribute sound and pictures to link room sources.

Link room source This source is placed in the link room and through the source you can receive sound and pictures from connected main room sources. Without a link tuner you can only receive sound.

¹**Beo4 list of functions** In order to display AV and LINK on Beo4, you must first add it to the Beo4 list of functions. See the guide enclosed with your Beo4.

²**Link tuner** In order to receive picture and sound you need to connect a link tuner to your link room television.

Use a link room source

Activate a link room source, for example, a TV in a link room when you also have, for example, a TV in the main room.



TV

Select source

Operate source as usual



TV

Select source

Operate source as usual

Use a main room source

Activate a main room source from a link room even if you have the same source, for example, a TV in the link room.



LIST

Select LINK*¹

TV

Select source

Operate source as usual



LINK

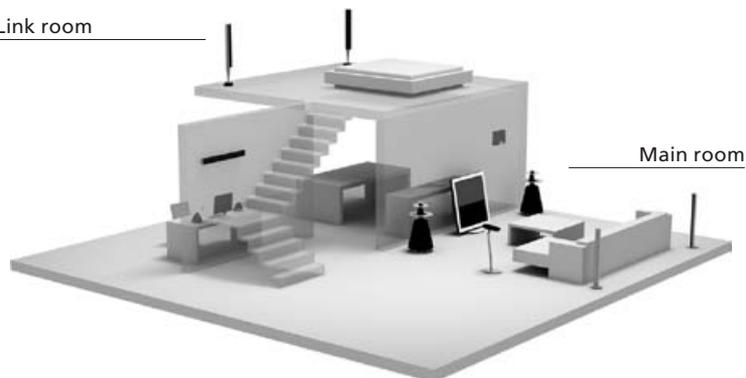
Press

TV

Select source

Operate source as usual

Link room



Main room

Options To use all functions properly, the products must be set to the correct Options. See p. 20.

Changes in link room setup If you move your link room products to other rooms, remember to have your Beo5 remote control reconfigured by your Bang & Olufsen retailer.

Audio system Only Bang & Olufsen audio systems with Master Link support integration with the TV.

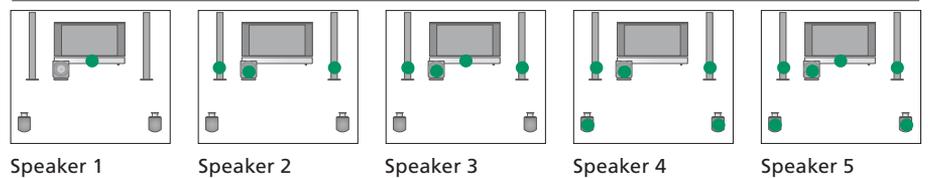
Surround sound

You can select a speaker combination that suits the source you are using.

Select speakers for movie sound

The TV automatically selects the optimal sound when you select a source, but you can adjust this setting yourself, using any of the available speaker combinations.

Bring up **SPEAKER** in your Beo4 display¹ → **1-5** → Select speaker combination²



Useful hints

- ¹***LIST menu** In order to display **SPEAKER** on Beo4, you must first add it to the Beo4 list of functions.
- ²***Optimise** The speaker combination is optimised if you press the **centre** button on Beo4. On Beo5 press **Optimise**.

NOTE! If you have added only two front speakers to the TV, you will only be able to choose **Speaker 1-3**. You can also add a BeoLab subwoofer to your TV.

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

Adjust brightness, colour and contrast. For information on picture format, see p. 16. Adjustments made to the 'TINT' setting only apply to the current source.

- Press **MENU** to bring up 'TV SETUP' menu
- Select 'OPTIONS' to bring up 'PICTURE' menu
- Enter and accept settings

Mute the picture

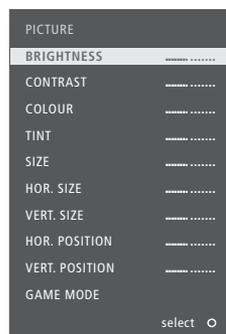
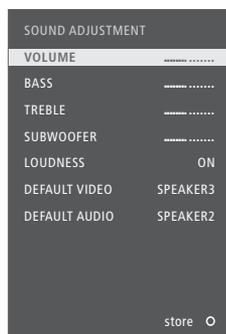
Remove the picture from the screen temporarily.

- Press **LIST** and use \uparrow or \downarrow to display **P.MUTE** on Beo4 and accept
- Press source button to bring picture back

Adjust sound

Preset volume, bass, treble or loudness, a connected BeoLab subwoofer and two default loudspeaker combinations. The contents of the 'SOUND' menu vary according to what you have connected to the TV. See also p. 14 about speaker combinations.

- Press **MENU** to bring up 'TV SETUP' menu
- Select 'OPTIONS' to bring up 'SOUND' menu
- Select 'SOUND ADJUSTMENT' menu
- Enter and accept settings



— NTSC signal only
 — 1080p/i signal only
 — VGA signal only

- Temporary settings** To only store picture and sound settings until you switch off the TV, press and hold **BACK** instead of the **centre** button when you accept the settings.
- '**DEFAULT VIDEO**' The speaker combination chosen in the 'DEFAULT VIDEO' submenu is activated automatically when you switch on a video source via the TV.
 - '**DEFAULT AUDIO**' The speaker combination chosen in the 'DEFAULT AUDIO' submenu is activated automatically when you switch on an audio source via the TV.

Game mode and picture format

You can minimise delays in signals while playing games or select a picture format to customise the viewing experience.

Activate game mode

Set the TV to minimise delays while playing games.

Bring up **GAME** in your Beo4 display → Press **GO** to activate

Deactivate game mode

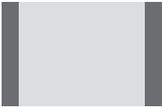
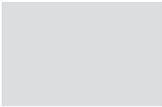
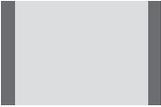
You can deactivate game mode at any time. If you switch source or switch the TV to standby, game mode is deactivated automatically.

Bring up **GAME** in your Beo4 display → Press **GO** until **OFF** is displayed

Select picture format

The TV automatically adapts the picture to fill out as much of the screen as possible, when you select a source, but you can select a format yourself.

Bring up **FORMAT** in your Beo4 display¹ → 1-4 Select format*² → Adjust picture up or down with arrow buttons if possible

FORMAT 1	FORMAT 2	FORMAT 3	FORMAT 4
			
Standard ³ For panoramic view or 4:3	Zoom The picture is adjusted vertically	Wide For a genuine 16:9 widescreen picture	Extended The bars can be removed and the picture is shown in a 16:9 format

Useful hints

- ¹***LIST menu** In order to display **FORMAT** on Beo4, you must first add it to the Beo4 list of functions. See your Beo4 guide.
- ²***Optimise** The picture format is optimised if you press the **centre** button on Beo4. On Beo5 press **Optimise**.
- ³***Variation** Use **◀** or **▶** to select other options than the standard option. On Beo5 press **Variation**.

You can set a Sleep Timer which will switch off your TV after a specific period of time. You can also make your TV switch on and off automatically by setting a Play Timer in your main room system.

Activate a Sleep Timer

Set the TV to switch to standby after a specific period of time. You can also access Sleep Timer via the 'TV SETUP' menu.

→ Bring up **SLEEP** in your Beo4 display

→ Press the **centre** button repeatedly to make your selection

Deactivate a Sleep Timer

If you change your mind you can always deactivate the Sleep Timer.

→ Bring up **SLEEP** in your Beo4 display

→ Press the **centre** button until **OFF** is displayed

Switch on the Play Timer

To include the TV in the Play Timer, set the Timer to 'ON'.*¹

→ Press **MENU** to bring up 'TV SETUP' menu

→ Select 'PLAY TIMER' menu

→ Select 'TIMER ON/OFF' menu

→ Select 'ON' and accept

¹*NOTE! To set a Play Timer you must have another Bang & Olufsen product with a clock function connected to the TV.

Cautions

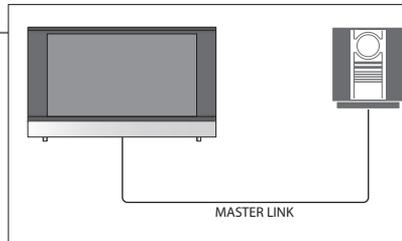
- Ensure that the television is positioned, set up and connected in accordance with the instructions in this guide.
- Place your television on a firm, stable surface. To prevent injury, use Bang & Olufsen approved stands and wall brackets only!
- Do not place any items on top of your television.
- Do not subject the television to rain, high humidity or sources of heat.
- The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–35°C (50–95°F), and at an altitude of no more than 1,500 m (5,000 ft).
- Do not place the television in direct sunlight, as this may reduce the sensitivity of the remote control receiver.
- Leave enough space around the television for adequate ventilation.
- Connect all cables before connecting or reconnecting any of the products in your system to the mains.
- No naked flame sources, such as lighted candles should be placed on the apparatus.
- Do not attempt to open the television. Leave such operations to qualified service personnel.
- Do not strike the screen with hard or pointed items.
- The television can only be switched off completely by disconnecting it from the wall socket.
- The supplied mains cord and plug are specially designed for the television. If you change the plug or in any way damage the mains cord, it can affect the TV performance.

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Connect and set up an audio system

If your television is equipped with the optional System Module and you connect a compatible audio system, you obtain the benefits of an integrated audio/video system using a Master Link cable.

1. Connect the audio system



Connect the sockets marked MASTER LINK on the TV and the audio system using a Master Link cable.

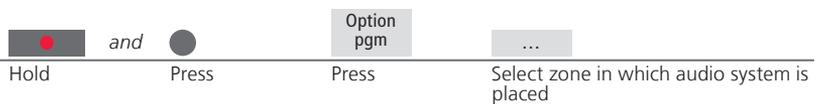
2. Set Option for TV

If your TV has been set up in an audio/video system, set it to the correct Option. First, switch the entire system to standby and then stand in front of the TV.



3. Set Option for audio system

Set the audio system to the correct Option. First, switch the entire system to standby and stand in front of the audio system.



Useful hints

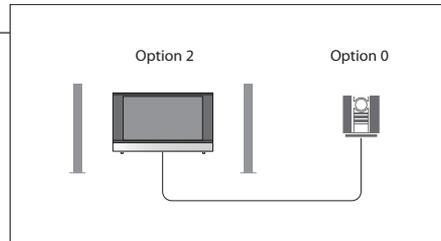
TV and audio speakers Play a CD on your audio system using speakers connected to the TV, or select a TV channel and send the sound to your audio system speakers.

Choice of Options If you have a Beo4 remote control, Options for the TV can be 1, 2, or 4 in a main room and 5 or 6 in a link room. Options for the audio system can be 0, 1, 2, 4, 5, 6.

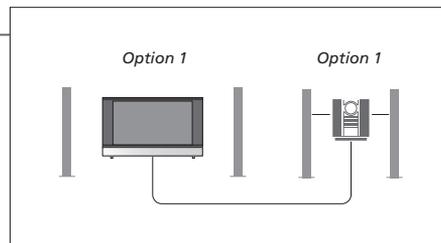
Your audio/video system can be placed together in one room or in two rooms with the TV in one and the audio system with a set of speakers in another.

Select Options

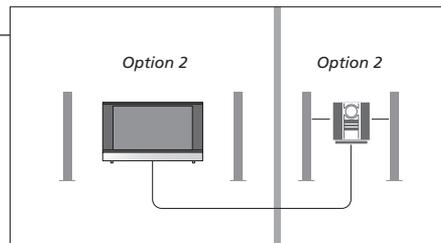
This page provides an overview of the Options available when using the Beo4 remote control. To set the correct Options with Beo5, select the zone in which your product is placed, see p. 25.



The TV and audio system are set up in one room with all speakers connected to the TV. Set the TV to Option 2 and the audio system to Option 0.



The TV with or without additional speakers and an audio system with a connected set of speakers are set up in one room. Set the TV to Option 1 and the audio system to Option 1.



The audio system is set up in one room and the TV with or without additional speakers in another. Set the TV to Option 2 and the audio system to Option 2.

Options For information about Option 4, 5 and 6, see pp. 23–24.

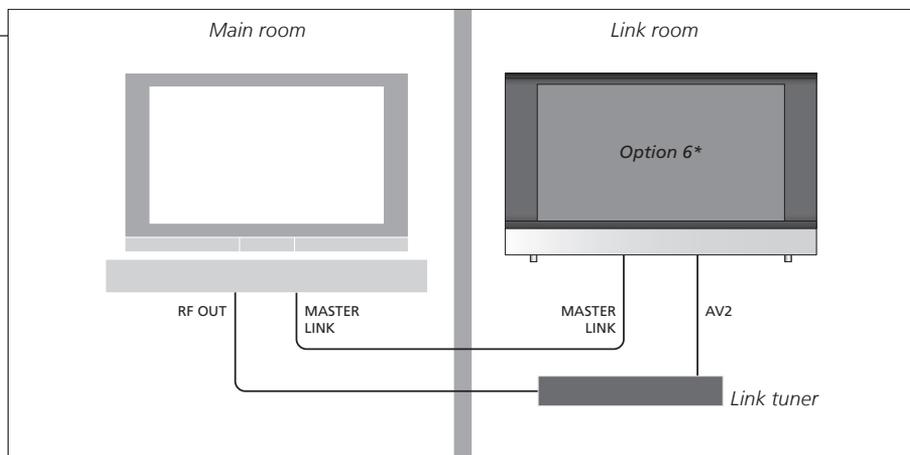
NOTE! Not all Bang & Olufsen audio systems support integration with the TV. For more information, contact your Bang & Olufsen retailer.

Connect and set up a BeoLink system

If your television is equipped with the optional System Module, you can connect and set up a BeoLink system to see pictures and hear sound in link rooms. You can, for example, connect the living room TV to another video system or to a set of speakers in another room.

Connect a link tuner

To distribute video signals to link rooms, it is necessary to connect a non-Bang & Olufsen link tuner to the link room TV.*¹



Useful hints

¹***Connected equipment** If an audio system is already connected to the MASTER LINK socket and you wish to connect more equipment, the Master Link cable must be split in two and joined with the cable from the link room using a special junction box. Contact your Bang & Olufsen retailer for assistance.

NOTE! HDMI signals cannot be distributed from a main room TV to the link room system.

If you have a BeoLink system, operate all connected systems through the TV in a link room.

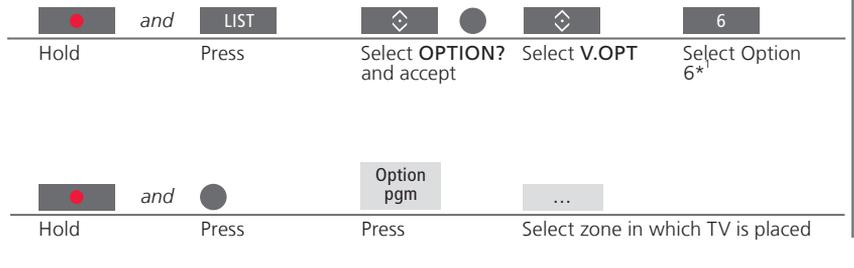
Connect link room TV

Follow the procedure described here when you connect your TV for use in a link room.

- 1 Connect the link room TV to the mains supply.
- 2 Use your remote control to program the link room TV to the correct Option.
- 3 Disconnect the link room TV from the mains.
- 4 Make the necessary connections.
- 5 Reconnect the link room TV to the mains supply.

Set Option for a link room TV

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



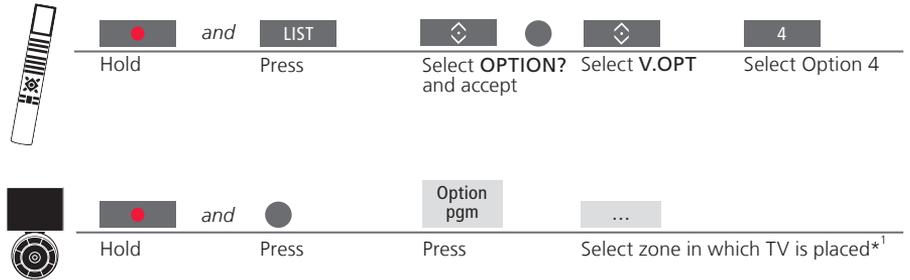
¹*NOTE! If you have a Beo4 and you connect the TV for use in a link room where other link systems are already connected, such as speakers, you must set the TV to Option 5 instead.

Two televisions in the same room

If you have two TVs in the same room and one remote control for both TVs, it is essential that the TVs are set to the correct Options for them to function properly.

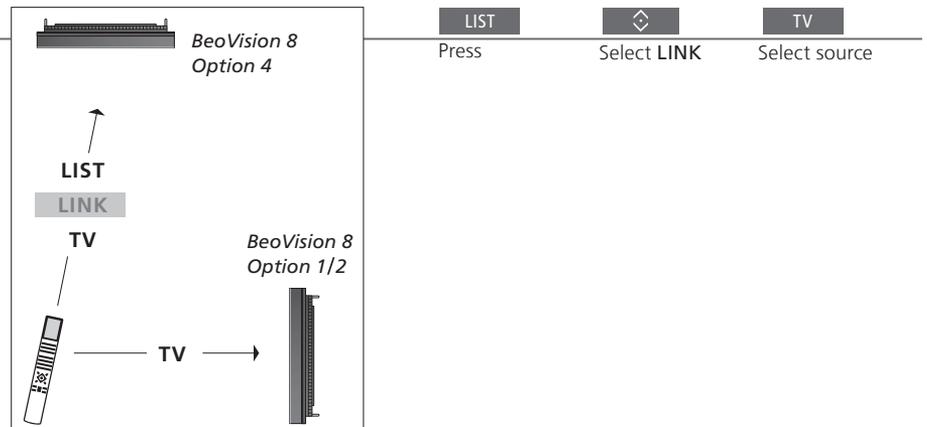
Select the correct Option

If you place a second TV in a main room where you already have a Bang & Olufsen TV and commands from your remote control can be received by both TVs, you must change the Option of the secondary TV to prevent simultaneous activation of both TVs. Stand in front of the secondary TV.



Beo4 – operate TV in Option 4

Activate a source simply by pressing the relevant source button. However, if your TV is set to Option 4 and you are using a Beo4, follow the instructions to activate a source. If you wish to dedicate a remote control to your secondary TV, contact your Bang & Olufsen retailer.

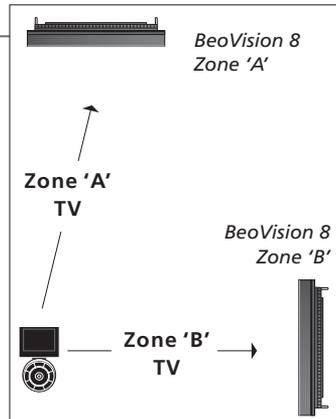


Useful hints

LINK on Beo4 In order to display LINK on Beo4, you must first add it to the Beo4 list of functions. See your Beo4 guide for more information.

Beo5 – operate the TVs

Normally, if you have a Beo5, you can activate a source simply by pressing the relevant source button. But if you have two TVs in the same room, you must remember first to select the zone of the TV you wish to use.



...

TV

Select zone for the TV
you wish to use

Select source

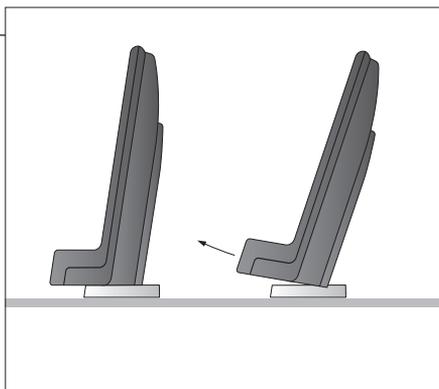
¹*NOTE! For information about choice of zone, contact your Bang & Olufsen retailer.

Set up your television

Follow the guidelines for placement and connection described on this and the following pages.

Placement options

Place the TV on a firm and stable surface. The standard placement allows you to tilt the TV, for example to facilitate viewing at a low placement. To tilt the TV pull at the bottom of the TV.

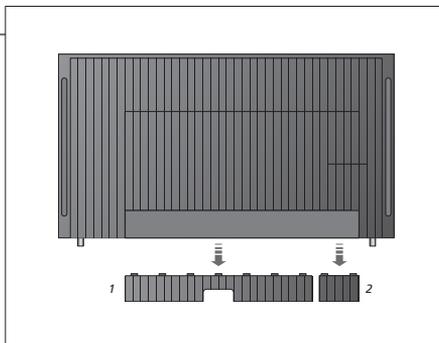


If you are going to place the TV on either the floor stand or the wall bracket, the two standard 'feet' must be removed from the TV. Follow the instructions in the guide enclosed with these optional accessories.

Overview

To remove the two covers for the main connection panel, first pull out, then pull down at the bottom – also if the TV is placed on a stand.

Always remove cover 1 before removing cover 2. When you have made all the connections and fastened the cables, mount the cable covers again.

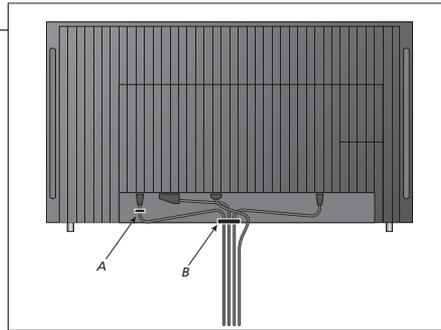


Important

Ventilation To ensure proper ventilation, allow enough space around the screen. Do not cover the fans. At overheating (flashing standby indicator and an on-screen warning), switch the TV to standby, not off, in order for the TV to cool down. You cannot operate the TV during this time.

Run cables

For safety reasons the mains supply cable must be fastened to the cable strip (A). All cables must be fastened to 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.



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

NOTE! If the screen should crack or chip, or if it should be damaged in any way, it must be replaced immediately, as it could otherwise cause injury. You can order replacement screen from your Bang & Olufsen retailer.

Expand your setup

Your TV supports a wide range of additional equipment.

Disconnect from the mains

While expanding your setup, the TV must be disconnected from the mains.

→ Switch off TV

→ Disconnect TV from mains

Connect external set-top box

To get access to any channels you must connect an external set-top box. Make sure you have a 21-pin cable, an adaptor and other required equipment.

→ Connect set-top box

→ Select settings in the 'CONNECTIONS' menu

Connect additional equipment

To operate non-Bang & Olufsen products with Beo4, attach a Bang & Olufsen IR-transmitter to each product. See also p. 30.

→ Make the connections

→ Select settings in the 'CONNECTIONS' menu

Switch on the TV

Always attach covers before you connect the TV to the mains.

→ Attach all connection covers

→ Connect TV to mains supply

→ Switch on TV

Information

'STANDBY OPTIONS' Set the set-top box to switch off when you change source or when you switch off the TV. You can also choose that the set-top box should always be switched on or that it should be switched on and off manually by means of the remote control.

Register additional equipment

If not detected automatically by the TV, register the equipment you have connected to the TV. Repeat the procedure for each socket group.



Contents of the 'CONNECTIONS' menu* ¹	AV1–AV6	Register connected equipment
	HDMI EXPANDER	Enable or disable an HDMI Expander connected to the HDMI C socket

Source options in the 'AV1–AV4 and AV6' menus	NONE	Nothing connected
	V.MEM	Connected set-top box (only AV2-4)
	DVD	Connected DVD player or recorder
	DVD2	Connected DVD player or recorder
	DTV2 (V.AUX)	Equipment, such as a set-top box
	DTV	Equipment, such as a set-top box
	V.AUX2	Equipment, such as a video game console
	TV	Equipment, such as a set-top box
	PC	Connected PC or BeoMaster (only AV3)
	LINK	Connected link tuner (only AV2)

The above are only examples of registrations; you can register available equipment to any source option. You may also have to register additional equipment in the Master Link system.

VGA Equipment connected via VGA socket (AV3).

Y – Pb – Pr Equipment connected via Y – Pb – Pr socket (AV2–AV4 and AV6).

HDMI Equipment connected via an HDMI socket. If you have set the 'HDMI EXPANDER' in the 'CONNECTIONS' menu to 'YES', the 'C' option in the 'AV' menus is replaced with 'C1', 'C2', 'C3', and 'C4'.

¹***CONNECTIONS menu** The 'CONNECTIONS' menu varies depending on whether the TV is equipped with the optional System Module or not.

Set up additional equipment

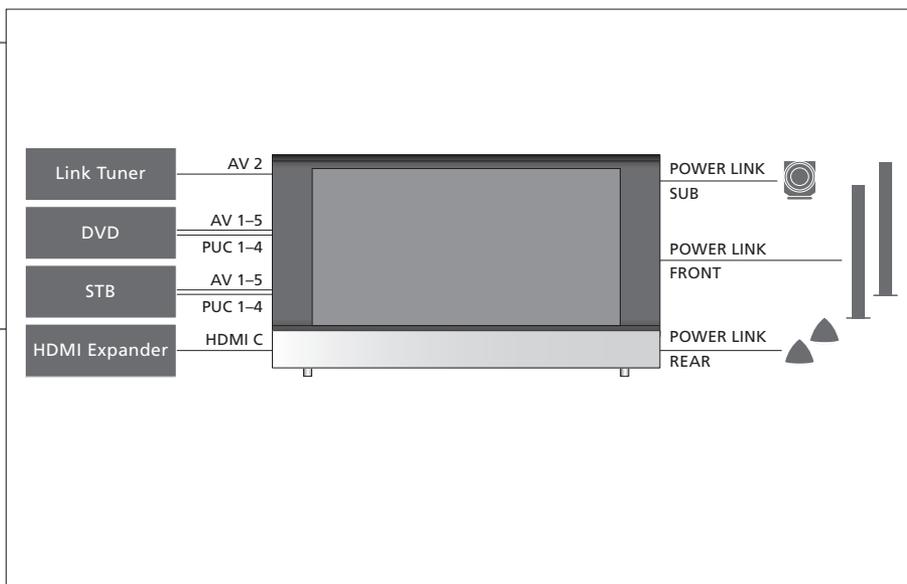
Set up the TV with video sources and loudspeakers.

Additional video equipment

Connect many different types of video equipment at the same time. Here you can also see examples of source names you can select for the equipment in the 'CONNECTIONS' menu.

Loudspeakers

Use Bang & Olufsen Power Link speakers. Use the cables enclosed with the speakers. Cables are available from your Bang & Olufsen retailer.

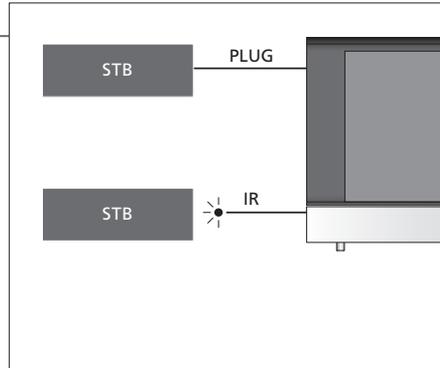


Useful hints

Equipment with HDMI output Equipment with HDMI output such as a set-top box can be connected to any available HDMI socket in the TV, regardless of the particular AV socket group to which you have connected the equipment. To distribute the source to another room you must also connect the equipment to a 21-pin socket or AV3 video input socket on the connection panel. For more information on how to set up connected equipment for use, see p. 32.

IR type

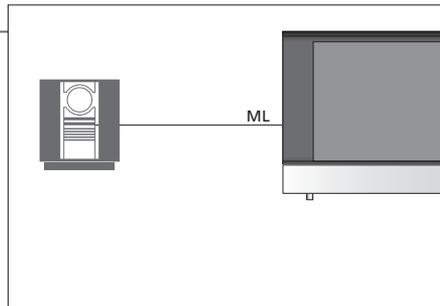
In the AV menu you can select how a PUC controlled product is connected. You can choose between 'PLUG' (cable) and 'IR' (IR Blaster). Only accessible if you have selected an IR socket.



IR-transmitters: To operate non-Bang & Olufsen products with a Bang & Olufsen remote control, attach a Bang & Olufsen IR-transmitter to each of the products. Connect each transmitter to the corresponding socket marked PUC on the main connection panel.

Audio system

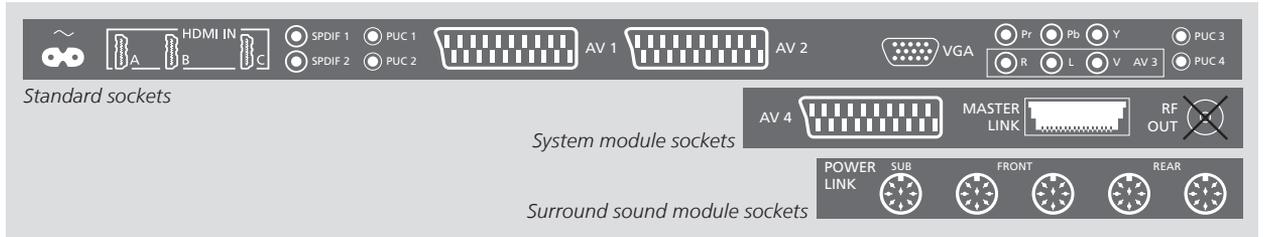
Connect a Bang & Olufsen audio system with a Master Link socket to your TV. Connect it to the Master Link socket on the main connection panel.



Mains cord and plug The supplied plug and mains cord are specially designed for the product. Do not change the plug and if the mains cord is damaged, you must buy a new one from your Bang & Olufsen retailer. Connect the ~ socket on the main connection panel of your TV to the wall outlet. The IR-receiver lights up in red and the TV is in standby mode and ready to be used.

Connection panels

Any equipment you connect to the main connection panel must be registered in the 'CONNECTIONS' menu. See p. 29.



~ – Mains supply

Connection to the mains supply.

HDMI IN (A–C)

For High Definition Multimedia Interface video source or PC. The sources can be registered to any of the AV socket groups. To expand the number of HDMI sockets, connect an HDMI Expander to the HDMI C socket.

SPDIF (1–2)

Digital audio input socket, e.g. DVD player. You can use the socket in conjunction with an AV socket.

PUC (1–4)

For IR control signals to external equipment connected to an AV socket.

AV (1–2)

21-pin sockets for connection of additional video equipment, such as a DVD player or set-top box.

VGA (AV3)

For connection of a PC to receive analogue graphics.

Pr, Pb, Y

For connection of video signals from an external source such as an HDTV source. You can use the socket in conjunction with an AV socket

AV3 (R, L, VIDEO)

For connection of video signals from an external source such as an HDTV source. You can use the socket in conjunction with an AV socket – or a digital audio socket.

AV4

21-pin sockets for connection of additional video equipment, such as a DVD player or set-top box.

MASTER LINK

For a compatible Bang & Olufsen audio or video system.

POWER LINK (SUB)

Use for connection of a Bang & Olufsen subwoofer.

POWER LINK (FRONT – REAR)

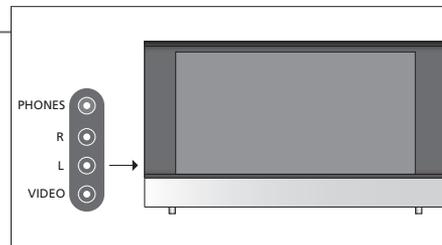
Use for connection of external loudspeakers in a surround sound setup. See also pp. 42–43.

Sockets for temporary connections

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

Make temporary connections (AV5)

To select the camera source, press LIST and use \blacktriangle and \blacktriangledown to bring up CAMERA in the Beo4 display and press the centre button.



R - L

For audio connection (right and left sound channel respectively) of, e.g., a camera or camcorder.

VIDEO

For connection of the video signal of a camera or camcorder.

PHONES

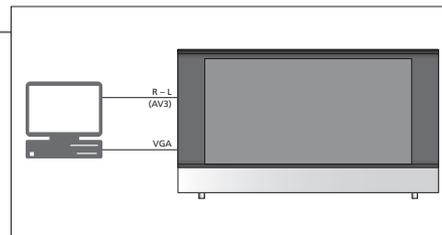
For connection of stereo headphones.

To mute speakers press the middle of the volume button. Press the volume up or down to adjust volume in headphones. To restore sound in speakers, press the middle of the volume button.

Note: Prolonged listening at high volume levels can cause hearing damage!

Connect a computer to the TV

Disconnect the TV, the computer and all equipment connected to the computer from the mains. Make the connections and reconnect to the mains.



Connect the cable to the VGA/HDMI socket on the TV. To hear sound in connected speakers connect the sound output on the computer to the R-L sockets on the TV.

Useful hints

Bring up computer picture Press the source button for the computer to bring up a picture on the TV.

This first-time setup procedure is activated when the TV is connected to the mains and switched on for the first time. If you want to change your setup at a later date, you can access the same menus and update your settings.

Switch on the TV

TV

It takes the TV approx. 20 seconds to start up and become ready for use.

Switch on

Select settings

You are led through the following settings only when you switch on the TV for the first time.*¹



or



Select setting

Accept and go to next menu item

MENU LANGUAGE

Set the on-screen menu language

CONNECTIONS

Register connected equipment, see p. 35

Calibrate the speakers

Set up the speakers to optimise sound from your listening position.

SPEAKER TYPES

SPEAKER DISTANCE

SPEAKER LEVEL

First-time setup of loudspeakers applies only to speakers for TV viewing. See also 'Loudspeaker setup' on pp. 36–37 and 'Surround sound' on p. 14.

SOUND ADJUSTMENT

Adjust volume, bass, treble and loudness and preset two default speaker combinations. Select a different speaker combination at any time. See pp. 14–15.

Connections Select the type of equipment connected to each socket, the sockets used, the product name, and the source name.

¹*NOTE! When you have selected the preferred settings in a menu, you may have to press the green button to continue to the next menu in the first-time setup procedure. Follow on-screen instructions.

Loudspeaker setup

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

Select speaker setup

Switch on the TV to adjust speaker settings.

→ Switch on TV and bring up 'TV SETUP' menu

→ Select 'OPTIONS' to bring up 'SOUND' menu

→ Select menu

Set speaker type

Register the type of each speaker in the menu.

→ Select 'SPEAKER TYPES' menu

→ Select speaker and reveal speaker type

→  Accept

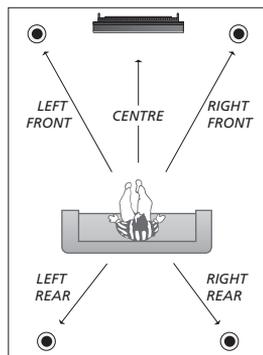
Set speaker distance

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

→ Select 'SPEAKER DISTANCE' menu

→ Select speaker and select distance

→  Accept



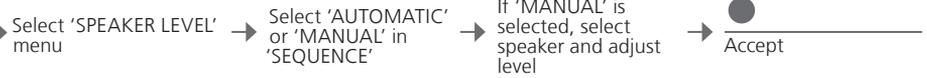
Set speaker distance

Information

Sound during setup During the setup process, a sound is sometimes produced by a speaker. Check if the highlighted speaker matches the name of the speaker making the sound.

Calibrate the sound level

A calibration sound is produced alternately in each speaker. Adjust the speakers to match the centre speaker's sound level. This will ensure an optimal surround sound.



See active sound system

See the name of the active sound system for a source or programme on the screen.



NOTE! Once you have performed the speaker calibration, you will only need to re-calibrate the speaker sound if you make changes to the setup.

Additional settings

You can make the TV switch off after a specific period of time. It is set to four hours from the factory.

Additional features becomes available in your television when a purchased feature activation key is entered. Contact your retailer for further information.

Activate auto standby

Set the TV to switch off after a specific period of time without operation. Only in video mode.



Deactivate auto standby

You can deactivate the auto standby at any time.



Enter a feature activation key

You can purchase the feature activation key from your retailer.



For information about additional features, contact your Bang & Olufsen retailer.

General settings: Select TV and MENU.

1.  

SLEEP TIMER	p. 17
PLAY TIMER	

OPTIONS

2.  

TIMER	p. 17
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CONNECTIONS

SOUND

PICTURE

AUTO STANDBY	p. 38
BEO4 SETTING	p. 6

FEATURE ACTIVATION p. 38

MENU LANGUAGE

3. Select settings 

AV1–AV6	p. 29
HDMI EXPANDER	p. 29

SOUND ADJUSTMENT	p. 15
SPEAKER TYPES	p. 36
SPEAKER DISTANCE	p. 36
SPEAKER LEVEL	p. 37
SOUND SYSTEM	p. 37

BRIGHTNESS	p. 15
CONTRAST	p. 15
COLOUR	p. 15
TINT	p. 15
SIZE	p. 15
HOR. SIZE	p. 15
VERT. SIZE	p. 15
HOR. POSITION	p. 15
VERT. POSITION	p. 15
GAME MODE	p. 16

NAVIGATION BUTTON
NO NAVIGATION BUTTON

Cleaning

- Maintenance** Regular maintenance, such as cleaning, is the responsibility of the user.
- Screen and cabinet** Wipe dust off the surfaces using a dry, soft cloth. To remove stains or dirt, use a soft, damp cloth and water without leaving streaks or traces. Some micro-fibre cloths may harm the optical coating due to their strong abrasive effect.
- Never alcohol** Never use alcohol or other solvents to clean any parts of the TV.

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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.

Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household waste; all electrical and electronic equipment, parts and batteries must be collected and disposed of separately.

When disposing of electrical and electronic equipment and batteries 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, batteries 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 advise you of the correct way of disposal in your country.

If a product is too small to be marked with the symbol, it will appear in the User Guide, on the Guarantee certificate, or on the packaging.

All Bang & Olufsen products comply with applicable environmental legislation throughout the world.

