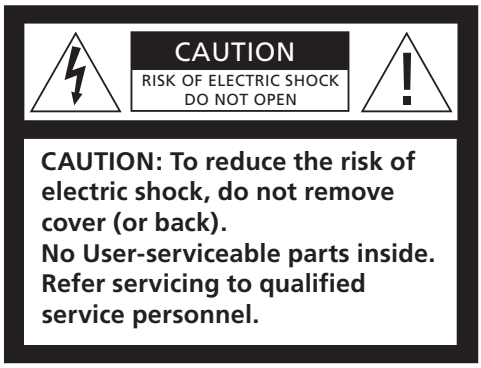
BeoVision 7

Reference book

BANG & OLUFSEN



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.

Tables of contents in the Reference book

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

The main sections are:

– Advanced operation, *7*
– Placement, sockets and connections, *15*
– Tuning and preference settings, *25*
– BeoLink system, *61*
– Index, *70*

Menu overview

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

The menus available when you select DVD or the digital tuner are shown on the next pages.

MENU

- CHANNEL SETUP
  - EDIT CHANNELS *p. 40*
  - FINE TUNE *p. 42*
- PLAY TIMER
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  - CONNECTIONS *p. 31*
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    - DISPLAY 1
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    - HDMI EXPANDER
    - LINK
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    - TV TUNER
    - ATSC
- SOUND
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- CLOCK *p. 47*
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  - PLAYBACK STATUS
    - STANDARD
    - EXTENDED
  - AUDIO FORMAT
    - STANDARD
    - RE-ENCODE
    - BITSTREAM
  - LANGUAGE
    - AUDIO
    - SUBTITLE
    - DISC MENU
    - MENU
  - ACCESS CONTROL
    - PARENTAL LOCK
    - RATING
    - NEW ACCESS CODE
  - ADVANCED
    - MEMORY MANAGEMENT
    - NETWORK
    - MODULE INFORMATION
    - SOFTWARE UPDATE

The on-screen menu system for the optional Blu-ray player.

Press **DVD**, then **DVD Setup** on Beo5 to access the menu system. (Beo4: Press **DVD**, then the **yellow** button, then **8**).

For information about the optional Blu-ray player, refer to 'Use the Blu-ray player' on page 14 in the Guide.

On this page you find the main menu of the built-in ATSC tuner, which contains submenus that you can use to make your own settings, enter information on your current terrestrial or cable setup and make channel searches.

The V-CHIP menu within the ATSC tuner menu allows you to restrict access to particular channels or rated contents*. Restriction of access in the ATSC tuner and in the TV tuner is set independently of each other.

- MAIN MENU
  - CHANNEL
    - AUTO SCAN
      - AIR
      - CABLE AUTO
      - CABLE STD
      - CABLE HRC
      - CABLE IRC
    - FAVOURITE CHANNEL
    - CHANNEL ADD/DELETE
    - SIGNAL STRENGTH
  - CAPTION
    - ON/OFF
    - ANALOGUE MODE
    - DIGITAL MODE
    - DIGITAL FONT OPTIONS
  - V-CHIP (ENTER YOUR PIN)
    - CHANGING PIN
    - US RATING SETTING
    - CANADIAN RATING SETTING
  - SETUP
    - TIME
      - DAYLIGHT SAVING
      - TIME ZONE
    - SOUND
      - MULTI-TRACK SOUND
      - DIGITAL OUTPUT
    - MENU LANGUAGE
      - ENGLISH
      - SPANISH
      - FRENCH
    - VERSION INFORMATION

The American ATSC main menu.

- MAIN MENU
  - CHANNEL
    - AUTO SCAN
      - AIR
      - CABLE
    - FAVOURITE CHANNEL
    - CHANNEL ADD/DELETE
    - SIGNAL STRENGTH
  - SETUP
    - MULTI-TRACK SOUND
    - DIGITAL OUTPUT
    - VERSION INFORMATION

The Korean ATSC main menu.

The structure of the menu system may change with new software. For information about the ATSC digital tuner, refer to page 18 in the Guide and page 54 in the Reference book.

*NOTE! The Caption and V-CHIP menus are not available in Korea.

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

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

- Set the television to switch itself on and off, *8*
- Wake-up Timer, *10*
- Operate other equipment with Beo5 or Beo4, *12*

Placement, sockets and connections, *15*
Find out how to handle and place your television, where the sockets are placed, and how to connect and register extra equipment.

Tuning and preference settings, *25*
Find out how to set up your television for the first time and scan in channels. This chapter also contains information about settings for time, date, picture, sound, parental control and Closed Captioning and about how to disable the internal TV tuner.

BeoLink system, *61*
Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room.

Index, *70*
Find the subject you want to know more about.

Set the television to switch itself on and off

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

Enter as many as six Timer settings, and bring up an on-screen list of the Timer settings you have entered. From this list, you can edit or delete your Timer settings.

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

For your timed settings to be executed correctly, ensure that the built-in clock is set to the correct time. For further information, refer to the chapter '*Set the time and date*' on page 47 in the Reference book.

Before you start ...

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

To switch on the Play Timer ...

> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight PLAY TIMER. (Beo4: Use ▼).
> Press the **centre** button to bring up the PLAY TIMER menu, and press ⌄ or ⌃ to highlight TIMER ON/OFF. (Beo4: Press **GO** and ▲ or ▼).
> Press the **centre** button to bring up the TIMER ON/OFF menu. (Beo4: Press **GO**).
> Press ‹ or › to reveal ON. (Beo4: Use ◀◀ or ▶▶).
> Press the **centre** button to store the setting. (Beo4: Press **GO**).

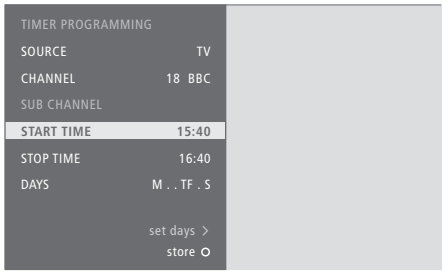
For further information about how to switch the Play Timer on or off for a connected Bang & Olufsen audio or video product, refer to the Guide enclosed with the product.

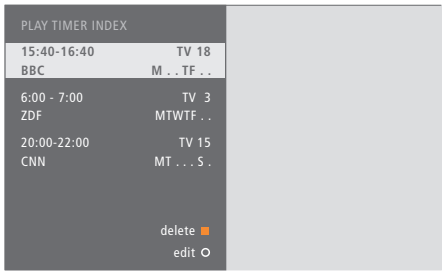
Timed play and timed standby

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

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

> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight PLAY TIMER. (Beo4: Use ▼).
> Press the **centre** button to bring up the PLAY TIMER menu and press ⌄ to highlight PLAY TIMER PROGRAMMING. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the PLAY TIMER PROGRAMMING menu. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to move through the menu items. (Beo4: Use ▲ or ▼).
> Press + and use the number buttons to enter information or press ‹ or › to view your choices for each item. (Beo4: Use the number buttons or ◀◀ or ▶▶). When DAYS is highlighted, press › once to be able to move through the days, and press ⌃ or ⌄ to remove a day you do not want. (Beo4: Use ▶▶ and ▲ or ▼). Press › to move to the next day, and press ‹ to move back to a previous day. (Beo4: Use ▶▶ or ◀◀). When the weekday(s) you want are displayed, press the **centre** button to accept the day(s). (Beo4: Press **GO**).
> When you have filled in the required information, press the **centre** button to store your Timer settings. (Beo4: Press **GO**).
> Press and hold **BACK** to exit all menus. (Beo4: Press **EXIT**).





You can only use a source, such as A.MEM, if it is present in your setup. If the television is set up in a link room, Timer programming must be carried out on your main room system.

Abbreviations for days of the week:

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

What's on the PLAY TIMER PROGRAMMING menu …

SOURCE

Depending upon the option you choose, SOURCE indicates either that a specific source is to be switched on or off. Options are:
TV … To switch on the TV.
DTV … To switch on the ATSC digital tuner.
V.AUX … To switch on equipment registered as V.AUX, such as a set-top box.
V.AUX2 … To switch on equipment registered as V.AUX2.
V.MEM … To switch on a connected video recorder.
DVD … To switch on the optional Blu-ray player.
DVD2 … To switch on a connected DVD player.
CD … To switch on a connected CD player.
N. MUSIC, N. RADIO … For access to music files stored on a PC or to Internet radio sites. For further information about these sources, consult your Bang & Olufsen retailer.
A.MEM … To switch on a connected audio recorder.
RADIO … To switch on a connected radio.
DTV RADIO … To switch on digital radio. Only available if your television is equipped with the built-in ATSC module.
STANDBY … To switch the television off. If you have other compatible systems connected to your television, they are switched off as well.

CHANNEL (Channel number) … Once your source is chosen, choose the channel number you want.

SUB CHANNEL …When you have chosen a channel number, choose the sub channel number. This is only possible when watching digital TV. The sub channel is indicated with a Channel Delimiter.

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

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

View, edit or delete a Timer

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

To view, edit or delete your Timer settings …

> Select TIMER INDEX from the PLAY TIMER menu to bring up your list of Timer settings. The first Timer setting in the list is already highlighted.
> Press ∧ or ∨ to move the cursor to a Timer setting you wish to edit. (Beo4: Use ▲ or ▼).
> To edit a setting, press the **centre** button and follow the procedure described to the left. (Beo4: Press **GO**).
> To be able to delete a selected setting, press the **yellow** button.
> If you change your mind, press < to move the setting back into the list. You can also press and hold **BACK** to exit all menus. (Beo4: Press ◀◀ or press **EXIT**).
> Press the **yellow** button a second time to delete the setting.

Wake-up Timer

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

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

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

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

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

Enter a Wake-up Timer

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

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

> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight PLAY TIMER. (Beo4: Use ▼).
> Press the **centre** button to bring up the PLAY TIMER menu and press ⌄ to highlight WAKE UP TIMER. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the WAKE UP TIMER menu. (Beo4: Press **GO)**.
> Press ⌃ or ⌄ to move through the menu items. (Beo4: Use ▲ or ▼).
> Press + and use the number buttons to enter information or press ‹ or › to view your choices for each item. (Beo4: Use the number buttons or ◀◀ or ▶▶).
> When you have filled in the required information, press the **centre** button to store your Wake-up Timer. (Beo4: Press **GO)**.
> Press and hold **BACK** to exit all menus. (Beo4: Press **EXIT)**.

What's on the WAKE UP TIMER menu ...

SOURCE

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

TV … To switch on the TV.

DTV … Switch on the ATSC digital tuner.

V.AUX … To switch on equipment registered as V.AUX, such as a set-top box.

V.AUX2 … To switch on equipment registered as V.AUX2.

V.MEM … To switch on a connected video recorder.

DVD … To switch on the optional Blu-ray player.

DVD2 … To switch on a connected DVD player.

CD … To switch on a connected CD player.

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

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

RADIO … To switch on a connected radio.

DTV RADIO … To switch on digital radio. Only available if your television is equipped with the built-in ATSC module.

CHANNEL (Channel number) … Once your source is chosen, choose the channel number you want.

SUB CHANNEL …When you have chosen a channel number, choose the sub channel number. This is only possible when watching digital TV. The sub channel is indicated with a Channel Delimiter.

START TIME … Key in the times when you want the television to start.

ON/OFF … Change the ON/OFF setting to OFF if you wish to delete the Wake-up Timer.

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

Check or delete a Wake-up Timer

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

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

> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight PLAY TIMER. (Beo4: Use ▼).

> Press the **centre** button to bring up the PLAY TIMER menu and press ⌄ to highlight WAKE UP TIMER. (Beo4: Press **GO** and ▼).

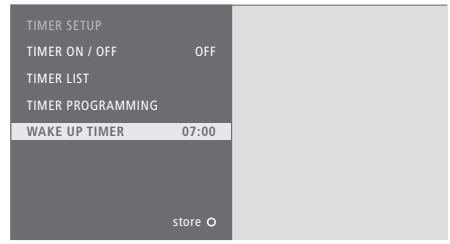
> Press the **centre** button to bring up the WAKE UP TIMER menu. (Beo4: Press **GO)**.

> Press ⌃ or ⌄ to move through the menu items. (Beo4: Use ▲ or ▼).

> Use ‹ or › to change settings or press + and enter a new time with the number buttons. Change the ON/OFF setting to OFF if you wish to delete the Wake-up Timer. (Beo4: Use ◀◀ or ▶▶ or use the number buttons).

> When you have made your changes, press the **centre** button to store them. (Beo4: Press **GO)**.

> Press and hold **BACK** to exit all menus. (Beo4: Press **EXIT)**.



Operate other equipment with Beo5 or 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 your Bang & Olufsen remote control.

Use the Bang & Olufsen remote control to gain access to the functions offered by your non-Bang & Olufsen equipment.

When you switch on the equipment, the functions are available via the Beo5 display, or via a menu-overlay on the television screen, if you use a Beo4 remote control.

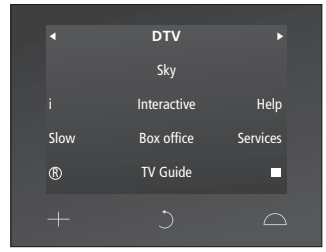
For instruction in the various functions offered by your equipment, please refer to the product's own user's guide.

Not all connected video equipment are supported by Bang & Olufsen. For further information about supported equipment, contact your Bang & Olufsen retailer.

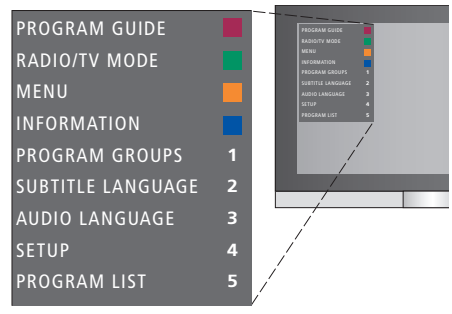
Use the Beo5 remote control

The main functions of your equipment can be operated with the Beo5 remote control. Not all functions may be supported by Beo5. The available services and functions are shown in the Beo5 display when you activate the equipment.

> Press a source button, for example **DTV** or **DVD**, to switch on connected equipment.
> Press the button on the Beo5 display that activates the function you want.



Example of a Beo5 display used to operate a set-top box.



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.

Use equipment menus

Once you have activated connected equipment, you can operate its own menus with your remote control.

While equipment menus are shown …

> Press ∧ or ∨ to move the cursor up or down. (Beo4: Use ▲ or ▼).
> Press < or > to move the cursor left or right. (Beo4: Use ◀◀ or ▶▶).
> Press the **centre** button to select and activate a function. (Beo4: Press **GO**).
> Press < or > to step between menu pages or step in channel lists. (Beo4: Press **GO** and ◀◀ or ▶▶).
> Press **BACK** to exit menus, or return to a previous menu. (Beo4: Press **STOP***).
> Press ┼ and use the number buttons to enter information in menus or services when relevant. (Beo4: Use the number buttons).
> Press and hold **BACK** to exit menus, enter or exit different modes, such as radio. (Beo4: Press **EXIT**).
> Use the coloured buttons as indicated in the menus of your connected equipment.

**Depending on the source you have selected, you may have to press EXIT instead of STOP to return to a previous menu, if you have a Beo4.*

Use the Beo4 remote control

If you have a Beo4 remote control, some functions are available directly 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. In this menu you can see which Beo4 buttons activate specific services or functions.

> Press a source button, for example **V MEM**, to switch on connected equipment.
> Press **MENU** to bring up the Peripheral Unit Controller menu.
> Press the number button that activates the function you want, or press one of the coloured buttons to activate a function.

The Peripheral Unit Controller menu cannot be displayed on the television screen in the link room. Press GO and then the number button that activates the function you want or press a coloured button to activate a function.

When you have selected connected equipment as a source, press MENU twice to bring up the television main menu.

Direct 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 one of the coloured buttons to activate a function.
> Press **GO** and then ▲ or ▼ to step up or down through, for example, set-top box channels.
> Press and hold **GO** to bring up the Program guide or the 'Now/Next' banner on the screen if you are using a set-top box that supports these functions.

We expect your Bang & Olufsen retailer to deliver, install and set up your products.

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

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

- Unpack and place your television as described on the following pages
- Consider the appropriate surroundings for your television.
- Connect the cables, additional equipment, and speakers as described on the following pages.
- Connect the television to the mains.

This procedure is described in detail on the following pages.

Advanced operation, *7*
All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected recorder

Placement, sockets and connections, *15*
- Set up the television, *16*
- Connection panels, *20*
- Sockets for temporary connection, *22*

Tuning and preference settings, *25*
Find out how to set up your television for the first time and scan in channels. This chapter also contains information about settings for time, date, picture, sound, parental control and Closed Captioning and about how to disable the internal TV tuner.

BeoLink system, *61*
Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room.

Index, *70*
Find the subject you want to know more about.

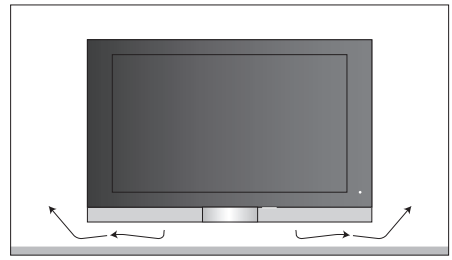
Set up the television

For information about the connection panels, refer to pages 20–22.

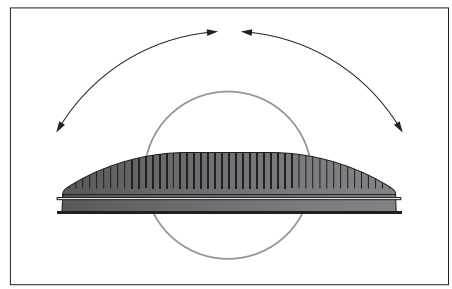
Handling your television

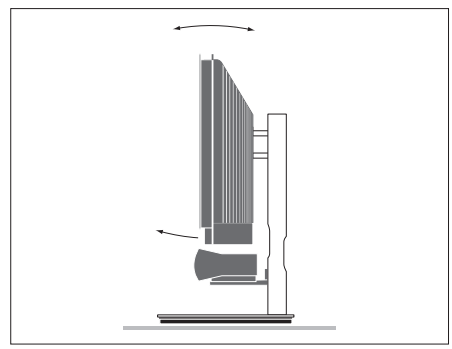
Never lift the television holding only the front glass. The television is NOT designed to stand on its own, it must be supported until mounted on the chosen stand or bracket.

- Avoid placing your television in direct sunlight or direct artificial light, such as a spotlight, as this may reduce the sensitivity of the remote control receiver. Also if the screen is overheated, black spots may appear in the picture. These spots disappear again, once the television cools down to normal temperature.
- Make sure that the television is set up, placed and connected in accordance with this Guide. To prevent injury, use Bang & Olufsen stands or wall brackets only.
- The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 50–105°F (10–40°C).
- 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.



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





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

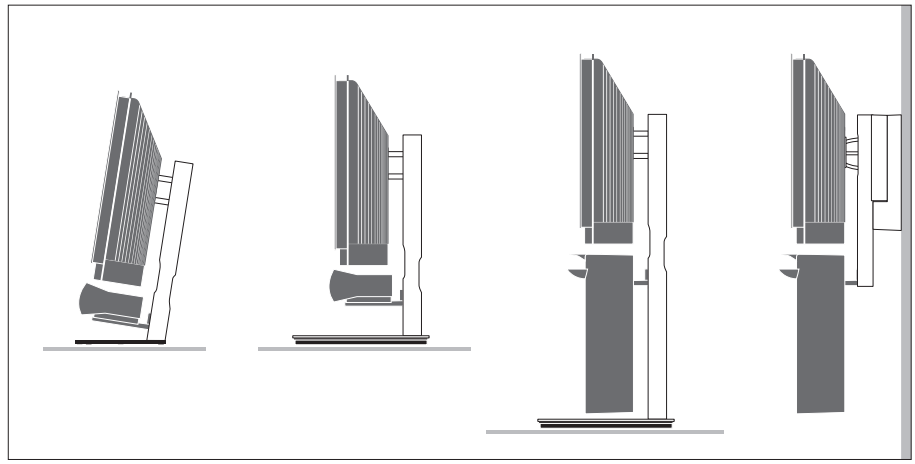
Placement options

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

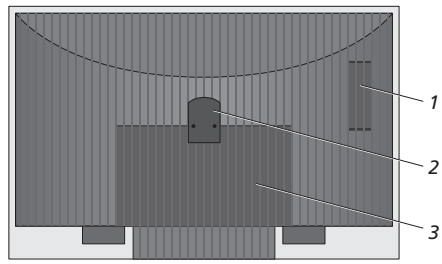
When you mount the television on one of the floor stands or wall brackets, you can tilt the television up and down, as well as turn it left or right on some of the stands. Note, however, that only some stands can be turned and tilted with the remote control, other stands can only be tilted manually.

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

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



Placement of connection panels



1 Cover for sockets for temporary connection, such as camera and headphones sockets. Push in to open, push again to close.
2 Mounting bracket for stand or wall bracket.
3 Covers for the connection panel. Here you also find the mains supply connection. Pull out at the bottom to remove.

Connections

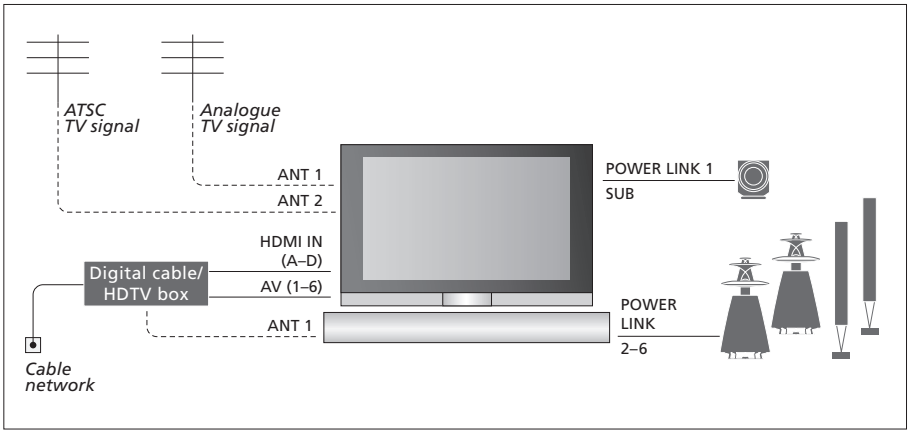
The diagrams on this page outline how to set up the television with video sources and loudspeakers.

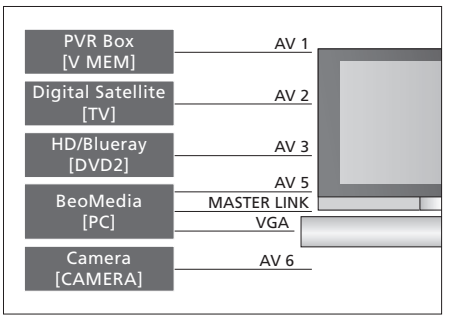
The diagrams on the opposite page outline how to expand your setup, for example in a home cinema system with a projector and a home automation system.

Video signals
Connect your video signal sources, such as cable, antenna, or satellite to the sockets mentioned on the diagram.

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

Additional video equipment
The sockets on the main connection panel allow you to have many different types of video equipment connected at the same time. We expect your Bang & Olufsen retailer to deliver, install and set up your products.

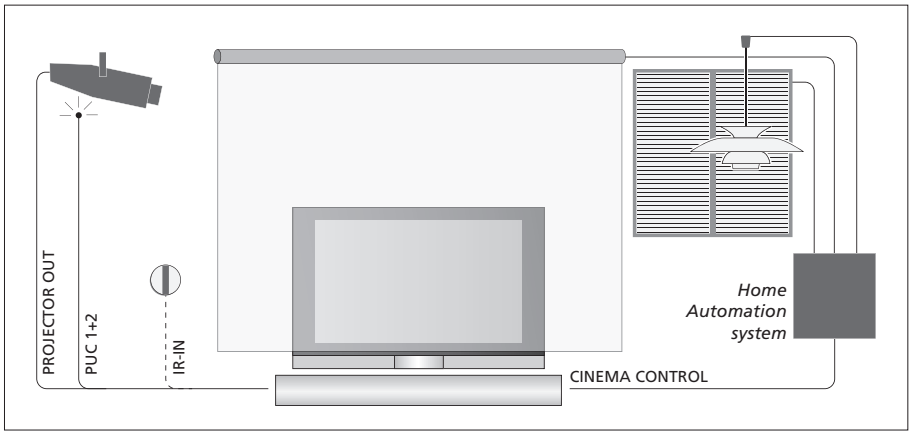




This diagram shows types of additional video equipment that can be connected to the television at one time, as well as the source name you can choose for the equipment in the CONNECTIONS menu, which is described on page 30.

IR-transmitters
In order to operate non-Bang & Olufsen products with your Bang & Olufsen remote control, attach a low-power IR-transmitter to each of the products. Plug each IR-transmitter into the corresponding socket marked PUC on the main connection panel.

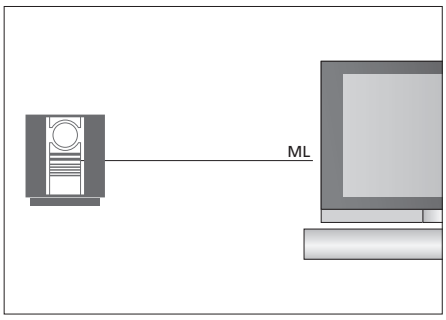
Equipment with HDMI™ input
Equipment with HDMI input can be connected to any of the four HDMI sockets, regardless of the particular AV socket group to which you have connected the equipment. For further information about how to set up connected equipment for use, refer to the chapter *'Register additional video equipment'* on page 30.



Home cinema setup with projector and a home automation system

The television also supports the use of a projector. You can also connect a home automation system to the television, and thereby control room lights and curtains.

If the built-in receiver for the remote control signals (IR-receiver) is hidden behind the lowered projection screen, you must set up an external IR receiver, as well. The IR-receiver is available as an optional accessory from your Bang & Olufsen retailer.



Audio system

If you have a Bang & Olufsen audio system with a Master Link socket, you can connect it to your television. Use a Master Link cable, and connect it to the Master Link socket on the main connection panel. Refer to *'Connect your audio system to the television'* on page 62 in the Reference book.

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Mains supply connection

Connect the television to the wall outlet. Use the ~ socket on the main connection panel. A tiny, red light appears in the IR-receiver. The television is in standby mode and ready to be used.*

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 will affect the TV picture quality!

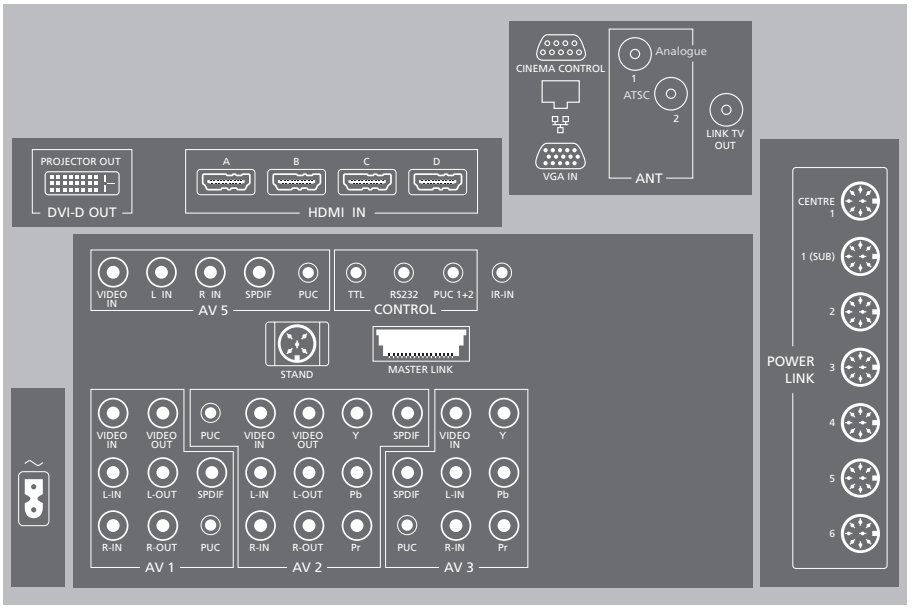
*NOTE! It takes the television 20 seconds to start up and become ready for use.

Connection panels

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

Any equipment you connect to these sockets must be registered in the CONNECTIONS menu. For further information, refer to the chapter *'Register additional video equipment'* on page 30.

For further information about connecting speakers in a surround sound setup, refer to the chapter '*Set up the television*' on page 16.



PROJECTOR OUT (DVI-D OUT)
Socket for connection of a projector.

HDMI-IN (A – D)
HDMI™ (High Definition Multimedia Interface) sockets for connection of an HDMI video source or a PC. Sources connected to these sockets can be registered to any of the AV socket groups. Supported formats are: TDMS HDMI, 50 and 60 Hz, 480p, 576p, 600p, 768p, 576i, 480i, 720p, 1080p, 1080i. Connect an HDMI expander to the HDMI-C socket.

AV 1
Socket group for the connection of a primary video recorder or set-top box. You can also connect other types of extra video equipment.

AV 2
Socket group for the AV connection of additional video equipment.

AV 3
Socket group for the AV connection of additional video equipment.

The television keeps a signal path open between a recorder connected to the AV1 socket group and a recordable source connected to the AV3 socket group.

This allows you to set the source on AV3 to switch on automatically, as well as set a recorder on AV1 for timed recording of the source on AV3, provided your connected equipment supports these functions.

AV 5
Socket group for the AV connection of additional video equipment.

PUC (AV 1 – AV 3, AV 5)
For IR control signals to external equipment connected to one of the AV sockets.

L-IN, R-IN (AV 1 – AV 3, AV 5)
Right and left line input.

L-R OUT (AV 1 – AV 2)
Right and left line output.

VIDEO IN (AV 1 – AV 3, AV 5)
For connection of a video signal.

VIDEO OUT (AV 1 – AV 2)
For connection of a video recorder.

Y – Pb – Pr (AV 2 – AV 3)
For connection of video signal from an external source such as an HDTV source. Can be used in conjunction with an AV socket – or a digital audio socket.

SPDIF (AV 1 – AV 3, AV 5)
Digital audio input socket for connection of external equipment.

TTL
Only for use in Hotel setups.

RS232
Only for use in Hotel setups.

PUC 1+2
For connection of external IR transmitter used in connection with Home cinema setups.

IR IN
For connection of an extra IR-receiver when the television is set up with a projector – enabling remote control operation of the television if the television's own receiver is concealed.

STAND
For connection of a motorised stand.

MASTER LINK
Socket for connection of a compatible Bang & Olufsen audio or video system. The socket is also used for BeoLink distribution of sound throughout the house.

CINEMA CONTROL
For connection of a Home Automation system.

(Ethernet)
Socket for connection to the Internet.

VGA
Socket for connection of a High Definition video source or a PC. Supported formats are VGA, 60 Hz, 640 × 480, 848 × 480, 1024 × 576, 800 × 600, 1024 × 768, 1366 × 768 and 1280 × 720.

ANT 1 (ANALOGUE)
Aerial input socket from your external aerial or cable TV network.

ANT 2 (ATSC)
Aerial input socket for your ATSC tuner.

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

CENTRE 1
For connection of a centre speaker such as BeoLab 7. For further information about connecting speakers, refer to the speaker's own Guide.

POWER LINK 1–6
These sockets are used for connecting the external speakers in a surround sound setup.

1(SUB)
Socket used for connecting up to two Bang & Olufsen subwoofers. A cable splitter for such connections is available from your Bang & Olufsen retailer.

~
Connection to the mains.

There are some restrictions as to the types of equipment that can be connected to the socket groups. These restrictions are described below.

– Video recorders can only be connected to the AV1 or AV2 socket groups, as these are the only socket groups for video output. Connect your primary recorder to the AV1 socket group, and the secondary recorder to the AV2 socket group.
– Equipment with VGA output can only be connected and registered to the AV5 or AV6 socket groups.

Sockets for temporary connection

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.

SPDIF
Digital audio input socket.

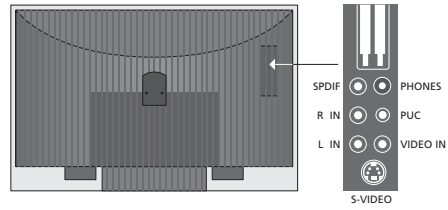
L IN – R IN
These sockets are for audio connection (left and right sound channel respectively) of, for example, a camera or camcorder.

S-VIDEO
For the connection of, for example, a game console.

VIDEO IN
This socket is for connection of the video signal of a camera or camcorder.

PUC
For IR control signals to external equipment.

To always activate these sockets by selecting, for example, CAMERA on your remote control, you can register the connected equipment in the CONNECTIONS menu. The CAMERA source is registered to the AV6 socket from the factory. For further information, refer to the chapter *'Register additional video equipment'* on page 30.



PHONES
You can connect stereo headphones to this socket.
– To mute the speakers connected to the television, turn ◌ quickly counterclockwise. (Beo4: Press the middle of the ∧∨ button).
– Turn ◌ clockwise or counterclockwise to adjust sound in the headphones. (Beo4: Press ∧ or ∨).
– To restore sound in the speakers, turn ◌ quickly counterclockwise (Beo4: Press the middle of the ∧∨ button).

Connect and use a PC

IMPORTANT! Before connecting a PC to the television, disconnect the television, the computer, and all equipment connected to the computer from the mains.

To connect a computer to the television …

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

If you have connected your PC to the VGA socket on the television, you must register the PC to the AV5 or AV6 socket in the CONNECTIONS menu. A PC connected to the HDMI socket can be registered to any of the AV sockets or socket groups. For further information, refer to the chapter 'Register additional video equipment' on page 30.

Bring up the computer image on the screen

To see the computer picture on the screen, you must bring it up with your remote control.

To bring up the computer picture …

> Press **PC** to bring up the picture. You can then operate the computer as you normally would. (Beo4: Press **LIST** repeatedly to display PC and press **GO**).

Watch digital pictures on your screen

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 **Camera** on Beo5. (Beo4: Press **LIST** repeatedly to display CAMERA 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 Guide enclosed with your Beo4.

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

For information about how to place your television and connect additional video equipment, refer to the chapter *'Placement, sockets and connections'* on page 15.

Advanced operation, *7*
All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected recorder

Placement, sockets and connections, *15*
Find out how to handle and place your television, where the sockets are placed, and how to connect and register extra equipment.

Tuning and preference settings, *25*

- First-time setup of your television, *26*
- Register additional video equipment, *30*
- Loudspeaker setup – surround sound, *32*
- Tuner setup, *37*
- Scan in TV channels, *38*
- Edit TV channels, *40*
- Adjust picture and sound settings, *44*
- Set positions for the television to turn to, *46*
- Set the time and date, *47*
- Activate parental control, *48*
- Apply Closed Captioning, *50*
- Settings and preferences for the Blu-ray player, *51*
- Settings and preferences for the digital tuner, *54*
- Digital tuner – What to do if ..., *58*
- Digital tuner glossary, *60*

BeoLink system, *61*
Find out how to connect an audio system to your television and operate an integrated audio/video system. Find out how to make link connections, operate a link system and set up your television in a link room.

Index, *70*
Find the subject you want to know more about.

First-time setup of your television

The setup procedure described here is activated when the television is connected to the mains and switched on for the first time. You are led through an automatic series of on-screen menus in which you must register the extra equipment you have connected, such as a projector and loudspeakers.

If you change your setup at a later date, you can access the same menus and update your settings.

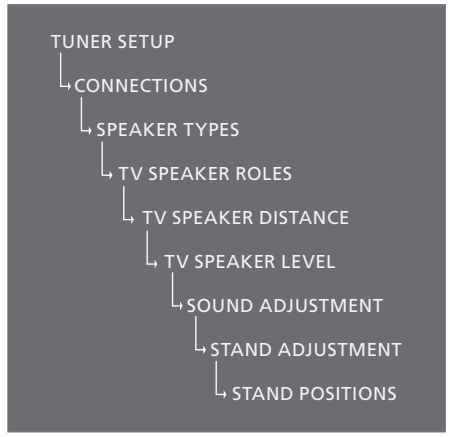
Overview of first-time setup

First-time setup of your television has three main steps: registration of all connected equipment, loudspeaker setup and sound adjustment.

The first-time loudspeaker setup applies only to the speakers you use while watching TV.

When first-time setup is complete, you can then set up your loudspeakers for Home cinema use. Switch on Home cinema and bring up the appropriate menus as described in the chapter *'Loudspeaker setup – surround sound'* on page 32.

For further information about Home cinema, refer to the chapter *'Surround sound and Home cinema'* on page 12 in the Guide.



The sequence of menus in first-time setup:

TUNER SETUP… In this menu you can disable the internal TV tuner and make ATSC your main television source, or you can scan in channels or identify a connected cable box. You can also disable the ATSC module to let a peripheral unit (set-top box) be your DTV television source. For further information about the TUNER SETUP menu, refer to the chapter *'Tuner setup'* on page 37.

CONNECTIONS … Select the type of equipment you have connected to each socket group, the sockets used, the product name, and the source name. For further information about the CONNECTIONS menu, refer to the chapter *'Register additional video equipment'* on page 30.

SPEAKER TYPE … In this menu, you are led through a procedure in which each of your connected Bang & Olufsen speakers make a sound while that speaker is highlighted in the menu. You then register the speaker type in the menu. For further information about the SPEAKER TYPE menu, refer to page 32 in the chapter *'Loudspeaker setup – surround sound'*.

TV SPEAKER ROLES … In this menu, you can select the function for each connected speaker in your setup, such as front, back or surround. As you highlight each speaker, a sound is produced by the speaker. Check that the speaker type highlighted in the menu matches the speaker type making the sound. For further information about the TV SPEAKER ROLES menu, refer to page 33 in the chapter *'Loudspeaker setup – surround sound'*.

SPEAKER DISTANCE … Enter the straight-line distances from each speaker to your listening position. For further information about the SPEAKER DISTANCE menu, refer to page 34 in the chapter *'Loudspeaker setup – surround sound'*.

SPEAKER LEVEL … In this menu, you are to calibrate the sound level for the connected speakers. A calibration sound is produced alternately in each speaker. Adjust the sound level from all the connected speakers to match the sound level from the centre speaker. You can choose whether you want the sound sequence to occur automatically or manually. For further information about the SPEAKER LEVEL menu, refer to page 35 in the chapter *'Loudspeaker setup – surround sound'*.

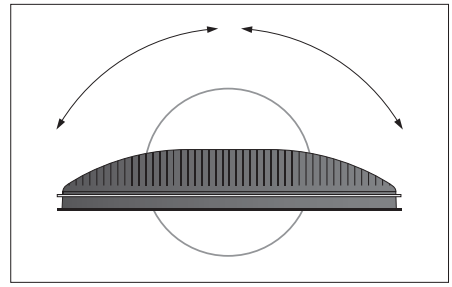
SOUND ADJUSTMENT … Adjust sound characteristics, such as volume, bass, treble and loudness. In addition, you can preset two default speaker combinations; one to be used each time you switch on a video source in your television, and one to be used each time you switch on an audio source connected to your television. You can still select a different speaker combination any time you wish. For further information about the SOUND ADJUSTMENT menu, refer to the chapter *'Adjust picture and sound settings'* on page 44.

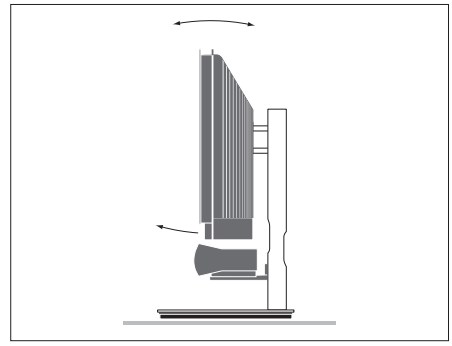
STAND ADJUSTMENT … Set the maximum angle the television will turn – left and right, and tilt – up and down. For further information about the STAND ADJUSTMENT menu, refer to *'Calibrate the motorised movement'* on page 28.

STAND POSITIONS … Set your preferred preset positions for the television to turn to. For further information about the STAND POSITIONS menu, refer to the chapter *'Set positions for the television to turn to'* on page 46.

For information about where and how to connect extra equipment, refer to 'Register additional video equipment' on page 30 and the chapter 'Connection panels' on page 20.

Calibrate the motorised movement





If your setup includes a motorised stand or wall bracket, you will during first time setup be prompted to calibrate the outer positions of the motorised movement. The motorised movement of the television will not work until the calibration process described below has been completed.

The calibration process allows you to set the maximum angle the television will turn – left and right and tilt – up and down.

When the STAND ADJUSTMENT menu appears …

> If your stand or wall bracket is of a type with motorised turn and tilt, move to SET LEFTMOST POSITION and press < to turn the television towards the left, until it has reached the position you wish to restrict the movement to. (Beo4: Press ◀◀).

> Move to SET RIGHTMOST POSITION and press > to turn the television towards the right, until it has reached the position you wish to restrict the movement to. (Beo4: Press ▶▶).

> Move to SET TOP POSITION and press the **green** button to tilt the television upwards, until it has reached the position you wish to restrict the movement to.

> Move to SET BOTTOM POSITION and press the **red** button to tilt the television downwards, until it has reached the position you wish to restrict the movement to.

> Press the **centre** button to store. (Beo4: Press **GO**).

The STAND POSITIONS menu appears, and you can now make your preferred preset positions for the television to turn to. Refer to page 46 *'Set positions for the television to turn to'*.

STAND ADJUSTMENT
SET LEFTMOST POSITION
SET RIGHTMOST POSITION
SET TOP POSITION
SET BOTTOM POSITION
turn
turn

STAND ADJUSTMENT
SET LEFTMOST POSITION
SET RIGHTMOST POSITION
SET TOP POSITION
SET BOTTOM POSITION
SETTINGS STORED

STAND ADJUSTMENT
SET LEFTMOST POSITION
SET RIGHTMOST POSITION
SET TOP POSITION
SET BOTTOM POSITION
tilt up
tilt down

STAND POSITIONS
VIDEO
AUDIO
STANDBY
STAND ADJUSTMENT
store
select

Register additional video equipment

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

When the television is first set up, some of the equipment connected at that particular moment is detected by the television, and the CONNECTIONS menu appears automatically on the screen during first-time setup for you to register connected equipment which is not detected automatically by the 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 chapter '*Connection panels*' on page 20.

What is connected?

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

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu. CONNECTIONS is highlighted already. (Beo4: Press **GO**).
> Press the **centre** button to bring up the CONNECTIONS menu. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to step between the different socket groups: AV1, AV2, AV3, AV5, AV6, and DISPLAY2. (Beo4: Use ▲ or ▼).
> Press the **centre** button to be able to register a connected product type to the highlighted socket group. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to move between the sockets in the group. (Beo4: Use ▲ or ▼).
> Press ‹ or › to register what you have connected to the highlighted socket. (Beo4: Use ◀◀ or ▶▶).
> Press the **centre** button while SOURCE is highlighted to be able to select the product from an on-screen list. (Beo4: Press **GO**).
> Press ‹ or › to see lists for other types of products. (Beo4: Use ◀◀ or ▶▶).
> Press ⌃, ⌄ or press + and a number button on Beo5 to highlight the name of the product and press the **centre** button to register it. (Beo4: Press ▲ or ▼ or a number button and press **GO**).
> Press the **centre** button to bring up the AUTO STANDBY menu. (Beo4: Press **GO**).
> Press ‹ or › to see the list of standby options for when the connected equipment should switch to standby. (Beo4: Use ◀◀ or ▶▶).
> Press the **centre** button to select a standby option. (Beo4: Press **GO**).
> When you have completed your settings for a single socket group, press the **centre** button to return to the CONNECTIONS menu. (Beo4: Press **GO**).
> Repeat the procedure for each socket group.
> At first-time setup only, when you have registered all connected equipment, press the **green** button to store the setup.

What's on the AV1 – AV6 menu ...

SOURCE … Select the source you have connected. The option you select indicates which remote control button switches on the source. For example, a source registered as V.MEM is switched on when you press the V.MEM button. A source registered as V.AUX is switched on by pressing V.AUX. (Beo4: Press LIST repeatedly to display V.AUX and press GO). Options are:
NONE … if nothing is connected.
V.MEM … for a connected video recorder or hard disc recorder.
DVD … occupied by the optional Blu-ray player
DVD2 … for a connected DVD player or recorder.
V.AUX … for other equipment, such as a set-top box.
DTV … occupied by the ATSC digital tuner.
V.AUX2 … for other equipment, such as a video game console.
TV … occupied by the TV tuner.
PC … for a connected PC.
CENTRE … for connection of a source centre, which is a device that may contain up to six built-in sources, such as a DVD player, a video tape recorder and a set-top box. This option is only available in the AV1 and the AV2 menus.

AUTO SELECTION … Allows connected sources to be selected automatically as soon as the television detects a signal. Options are ON and OFF.

TIMER RECORDER … Activate the Timer recording signal for a connected recorder. Options are YES and NO. Only available in the AV1 and AV2 menus, and can only be activated in one of these menus at any time.

HDMI … Indicates whether or not the equipment is connected to the television via one of the HDMI sockets. Select the appropriate socket

VGA … Indicates whether or not the equipment is connected to the television via the VGA socket. Options are YES and NO. Only available in the AV5 and AV6 menus, and can only be registered in one of these menus at any time.

While it is possible to register your equipment under any of the available source names, the names you select affect how you can use your sources.

Automatic standby ...

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

The options are:

OFF AT SOURCE CHANGE. … The set-top box is switched on when selected, and off when another source is selected.

OFF AT TV STANDBY … The set-top box is switched on when selected, and off when the television is switched off.

ALWAYS ON … The set-top box is always on and never switched off.

MANUAL CONTROL … The set-top box is not switched on and off automatically. You switch it on manually by means of the remote control.

Note: If the mains supply has been disconnected or otherwise interupted, while the television was on, the set-top box might not react, in which case you must switch on the set-top box with the set-top box remote control. Not all set-top boxes support the automatic standby function. If the function is not supported the menu will not appear.

What's on the DISPLAY2 menu ...

Select the projector type.

What's on the HDMI EXPANDER menu ...

Enable or disable an HDMI expander connected to the HDMI-C socket. If you have set the 'HDMI EXPANDER' in the 'CONNECTIONS' menu to 'YES', the 'HDMI-C' option in the AV# menus is replaced with 'HDMI-C1', 'HDMI-C2', 'HDMI-C3', and 'HDMI-C4'.

What's on the LINK menu ...

Set a link channel and enable the system modulator.

Regarding High Definition (HD) sources ...

If you have connected a HDTV source to the AV2 or AV3 socket groups and set AUTO SELECTION to ON, auto selection works only if the source provides a SD signal as well as a HD signal.

Connect both the HD and the SD signals to the television. When the SD signal is detected, the television still switches to the configured HD signal. If no HD signal is available, the SD signal is shown.

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

Loudspeaker setup – surround sound

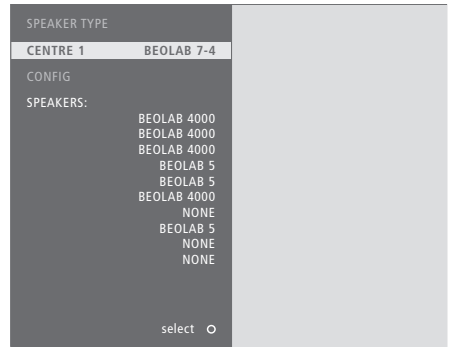
Add Power Link speakers and up to two BeoLab 2 subwoofers to your television and you have a surround sound system.

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

For further information about Home cinema, refer to the chapter *'Surround sound and Home cinema'* on page 12 in the Guide.

Select your speaker types

Switch on the television in TV or Home cinema mode as described in the Guide before you adjust speaker settings.



To register the speaker types ...

> Press **TV** to switch on the television.

> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).

> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).

> Press the **centre** button to bring up the SOUND SETUP menu and press ⌄ to highlight SPEAKER TYPE. (Beo4: Press **GO** and ▼).

> Press the **centre** button to bring up the SPEAKER TYPE menu. The option CENTRE1 – for a speaker connected to the CENTRE1 socket – is highlighted. (Beo4: Press **GO**).

> Select your centre speaker or speakers by pressing ‹ or ›. (Beo4: Press ◀◀ or ▶▶).

> Press ⌄ to highlight CONFIG. This allows you to select a CENTRE configuration as a single speaker or a pair. Depending on which centre speaker or speakers you select, CONFIG may be greyed out and inaccessible. (Beo4: Use ▼).

> Press ⌄ to move on to the next speaker and press ‹ or › to reveal your speaker type. As you highlight each speaker, a sound is produced by the speaker. Check that the speaker name highlighted in the menu matches the name of the speaker making the sound. (Beo4: Press ▼ then ◀◀ or ▶▶).

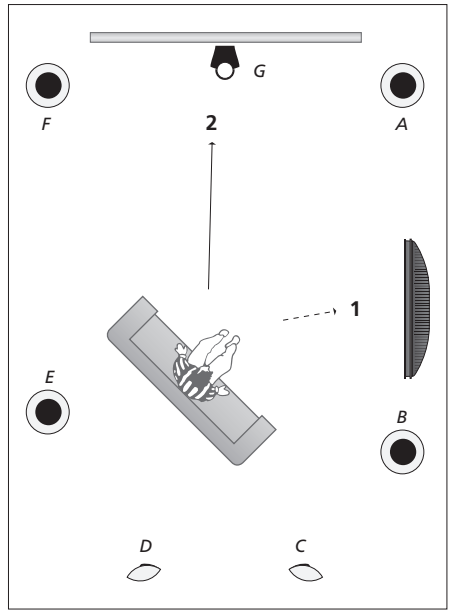
> Press the **centre** button to store or press and hold **BACK** to leave the menu without storing. (Beo4: Press **GO** or **EXIT**).

Assign roles to speakers

The speakers you connect to the television can have more than one role. If, for example, you only use one set of front speakers when you watch TV on your television screen, you can turn your chair ninety degrees towards a projector screen and use those same speakers as right front and rear speakers in a surround sound system for Home cinema.

To assign roles to speakers …

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SETUP menu and press ⌄ to highlight TV SPEAKER ROLES. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the TV SPEAKER ROLES menu. (Beo4: Press **GO**).
> The TV SPEAKER ROLES menu appears.
> Press ⌄ to highlight a speaker role. When you highlight a speaker role, a sound is produced by a speaker. (Beo4: Press ▼).
> If the role highlighted in the menu is correct for the speaker producing the sound, press ⌄ to go on to the next role. (Beo4: Press ▼). Otherwise …
> … press ‹ or › to select a new role for the speaker producing the sound. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store or press and hold **BACK** to leave the menu without storing. (Beo4: Press **GO** or **EXIT**).



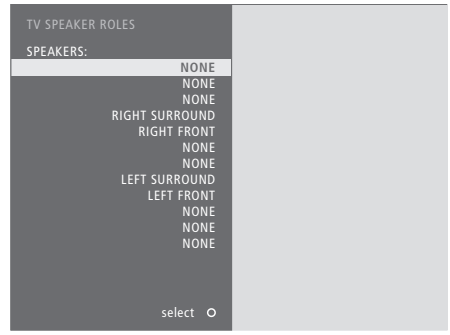
Assigning roles to the connected loudspeakers allows you to specify the speakers' function in a surround sound system and the number of speakers to be used. Assign different roles for watching TV (1) and Home cinema (2), as shown in the illustration:

TV viewing (1) …

Speaker A:	Left front
Speaker B:	Right front
Speaker C:	Off
Speaker D:	Off
Speaker E:	Right surround
Speaker F:	Left surround
Speaker G:	Off

Home cinema viewing (2) …

Speaker A:	Right front
Speaker B:	Right surround
Speaker C:	Right back
Speaker D:	Left back
Speaker E:	Left surround
Speaker F:	Left front
Speaker G:	Centre



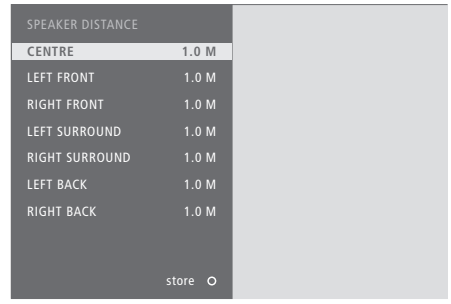
What's on the TV SPEAKER ROLES menu …
Options are NONE, LEFT FRONT, RIGHT FRONT, LEFT SURROUND, RIGHT SURROUND, LEFT BACK, RIGHT BACK, CENTRE BACK.

What's on the CINEMA SPEAKER ROLES menu …
Options are NONE, LEFT FRONT, RIGHT FRONT, LEFT SURROUND, RIGHT SURROUND, LEFT BACK, RIGHT BACK, CENTRE BACK, CENTRE, LEFT CENTRE, RIGHT CENTRE.

You must select the surround speakers before you can select the back speakers.

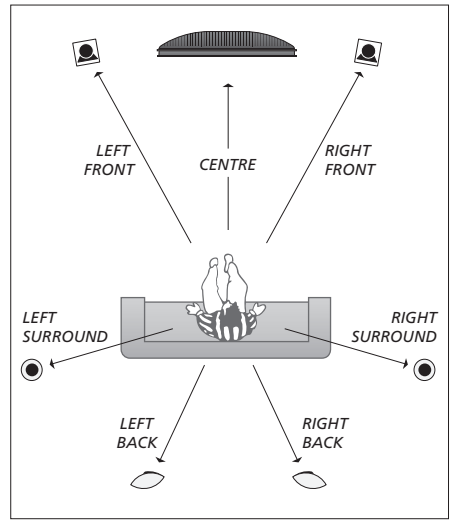
Set speaker distance

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

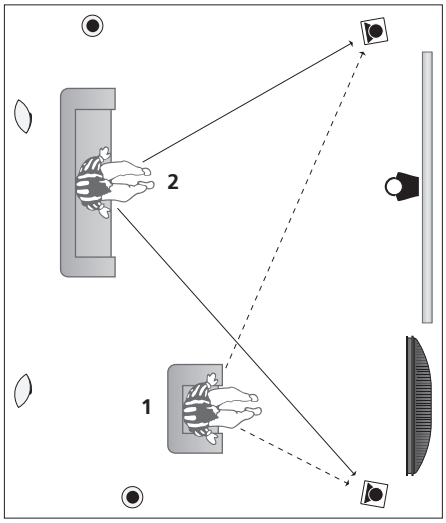


To set the speaker distances ...

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SETUP menu and press ⌄ to highlight SPEAKER DISTANCE. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SPEAKER DISTANCE menu. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to move the cursor from speaker to speaker and press ‹ or › to select the approximate straight-line distance in metres between your viewing position and each of the speakers. (Beo4: Press ▲ or ▼ and ◀◀ or ▶▶).
> When you have entered the appropriate speaker distances, press the **centre** button to store or press and hold **BACK** to leave the menu without storing. (Beo4: Press **GO** or **EXIT**).



Calibrate the sound level

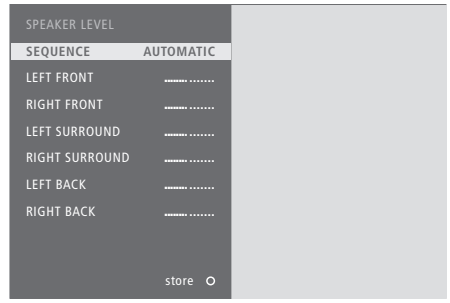


If your setup includes two different viewing positions, a Home cinema setup and a regular TV viewing setup, you must make two different settings. The two positions require different settings, as the speaker setup varies. To be able to make a Home cinema setup, you must first switch to Home cinema mode, refer to page 13 in the Guide.

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

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

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



To calibrate the sound level ...

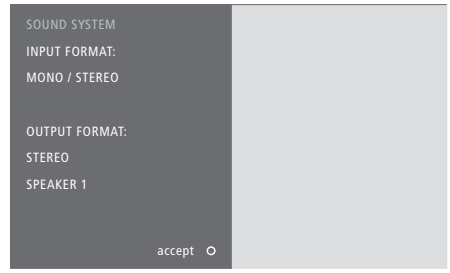
> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SETUP menu and press ⌄ to highlight SPEAKER LEVEL. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SPEAKER LEVEL menu. SEQUENCE is highlighted. (Beo4: Press **GO**).
> Press ‹ or › to choose between AUTOMATIC and MANUAL. (Beo4: Press ◀◀ or ▶▶).
> Press ‹ or › to adjust the speaker sound and ⌃ or ⌄ to move to another speaker. (Beo4: Press ◀◀ or ▶▶ and ▲ or ▼).
> When you have adjusted the sound for all the speakers in your surround sound setup, press the **centre** button to store or press and hold **BACK** to leave the menu without storing. (Beo4: Press **GO** or **EXIT**).

See the name of the active sound system

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

To see the active sound system …

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SETUP menu and press ⌄ to highlight SOUND SYSTEM. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SYSTEM menu. The active sound system is shown. (Beo4: Press **GO**).
> Press and hold **BACK** to leave all menus. (Beo4: Press **EXIT**).



An example of a sound systems that can appear in the menu is DOLBY DIGITAL 5.1. In this example, the digits indicate the number of sound channels that are available while the sound system is in effect. For example, DOLBY DIGITAL 5.1 refers to Dolby Digital sound in five channels – left, centre, right, left surround, right surround – plus one channel for low-frequency sound.

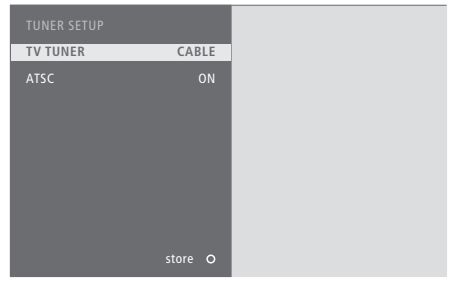
Your speaker combination does not need to match the number of available channels for the sound system to be in effect.

You may choose to disable either the TV tuner, the ATSC tuner, or both. If you disable the TV tuner, you can activate a connected peripheral unit with the TV button. If you disable the ATSC tuner, you can activate a connected peripheral unit with the DTV button.

In this menu you can also scan in channels or identify a cable box you may have connected to the television.

To disable the internal tuner ...

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu, and press ⌄ to highlight TUNER SETUP. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the TUNER SETUP menu, TV TUNER is already highlighted. (Beo4: Press **GO**).
> Press ‹ or › to switch between the setting OFF, ANTENNA, CABLE, or CABLE BOX. (Beo4: Press ◀◀ or ▶▶).*
> Press ⌄ to highlight ATSC. (Beo4: Press ▼).
> Press ‹ or › to switch between the setting ON or OFF. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store or press **BACK** to leave the menu without storing. (Beo4: Press **GO** or **EXIT**).*



What's in the TV TUNER field ...

You can register the source of your TV video signals in the TV TUNER field, although it is not required during the first-time setup procedure. Options are CABLE, CABLE BOX, ANTENNA and OFF.

For further information about the TUNER SETUP menu and about scanning TV channels, refer to the chapter *'Scan in TV channels'* on page 38.

*NOTE! If you select CABLE BOX, follow the on-screen information to specify which cable box you have connected to the television. If you select ANTENNA or CABLE, a scanning process begins when you store the setting.

Scan in TV channels

This chapter describes how to register the source of your TV signal, as well as how to scan in your TV channels.

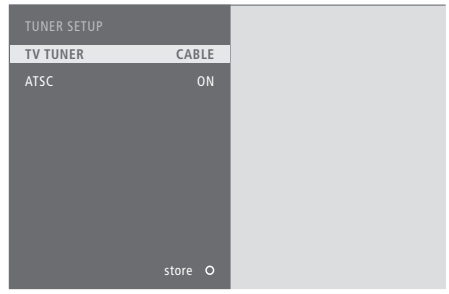
Select video signal type

If you have selected TV TUNER in the TUNER SETUP menu, you can enter the source of your TV video signals.

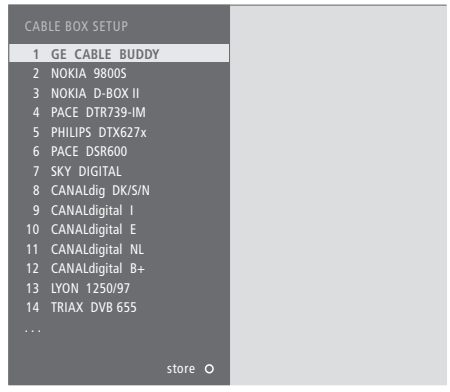
To scan in TV channels...

> Press **TV** to switch on the television.
> Press **Menu** to bring up the main menu.
> Press ⌄ to highlight TUNER SETUP and press the **centre** button to bring up the menu. TV TUNER is already highlighted. (Beo4: Press ▼ then **GO**).
> Use ‹ or › to select CABLE, CABLE BOX, ANTENNA or OFF. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store the setting. If you have selected CABLE or ANTENNA, scanning begins immediately. If you have selected CABLE BOX, you can then register your cable box in a menu, as described to the right. (Beo4: Press **GO**).

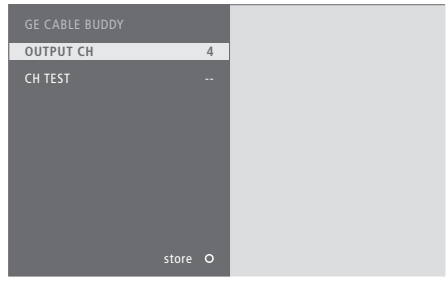
Note that if you select OFF, you must register a source in the CONNECTIONS menu as TV if you wish to switch on the television using the TV button on the remote control. For further information about the CONNECTIONS menu, refer to the chapter 'Register additional video equipment' on page 30.



The TUNER SETUP menu.



Select your cable box from the CABLE BOX SETUP list.



In this menu, you can select the output channel for your particular cable box.

Identify the cable box

If you have connected a cable box to the television, you must register the connection in the CABLE BOX SETUP menu.

> Press ⌄ to highlight the name of your cable box. (Beo4: Press ▼).
> Press the **centre** button to store the setting. You can then enter the output channel for the cable box. (Beo4: Press **GO**).

When you connect an RF cable box, remember to leave it switched on at all times.

Source for RF input

When you have registered the specific cable box, enter the output channel for the type of cable box and test whether you can change channels on the box.

When the menu for your cable box appears …

> Press ‹ or › to select the channel number that corresponds to the output channel set on your cable box. Select CH2, CH3, CH4, CH5 or CH6. (Beo4: Press ◀◀ or ▶▶).
> Press ⌄ to highlight CH TEST and press ‹ or › to test whether you can change channels on the box. (Beo4: Press ▼ then ◀◀ or ▶▶).
> If you can not change channels on the cable box, repeat the first two steps. Otherwise…
> … press the **centre** button to store your settings. (Beo4: Press **GO**).

Edit TV channels

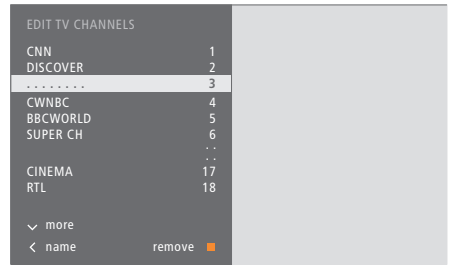
You can 'remove' channels you do not use from the channel list.

Channels you 'remove' are skipped over when you step through channels using the arrow buttons on the remote control. You can still select them in the channel list by pressing the channel number.

In addition, you can give channels names of your own choice, re-scan to find new channels or fine-tune existing channels.

Remove TV channels

At any time, you can remove channels you do not use. If you wish, you can restore channels that you have removed.



> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu, and press ⌄ to highlight CHANNEL SETUP. (Beo4: Use ▼).
> Press the **centre** button to bring up the CHANNEL SETUP menu. EDIT CHANNELS is already highlighted. (Beo4: Press **GO**).
> Press the **centre** button to bring up the EDIT CHANNELS menu. (Beo4: Press **GO**).
> Press ⌄ or ⌃ to select the channel you wish to remove. (Beo4: Press ▼ or ▲).
> Press the **yellow** button once to remove the channel.
> Press the **yellow** button to add the channel again.
> When you have removed the relevant channels, press **BACK** shortly to back up through all menus, or press and hold **BACK** to exit all menus. (Beo4: Press **STOP** or **EXIT**).

If you select CABLE BOX or OFF for TV TUNER in the TUNER SETUP menu, the EDIT CHANNELS and FINE TUNE menus are inaccessible.

Name channels

Give scanned TV channels names of their own to make them easy to locate in the TV channel list.

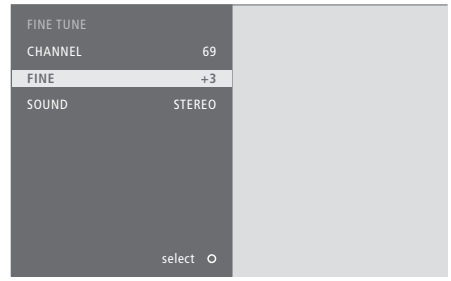
> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu, and press ⌄ to highlight CHANNEL SETUP. (Beo4: Use ▼).
> Press the **centre** button to bring up the CHANNEL SETUP menu. EDIT CHANNELS is already highlighted. (Beo4: Press **GO**).
> Press the **centre** button to bring up the EDIT CHANNELS menu. (Beo4: Press **GO**).
> Press ⌄ or ⌃ to select the channel you wish to name. (Beo4: Press ▼ or ▲).
> Press the **green** button to be able to name the channel. The naming menu is now activated.
> Press ⌄ or ⌃ to find the individual characters in the name. (Beo4: Press ▼ or ▲).
> Press ❯ to move to the next character. (Beo4: Press ⏭).
> Press the **centre** button to store the name. (Beo4: Press **GO**).
> If necessary, repeat the procedure and name other channel numbers.
> When you have named the relevant channels, press the **centre** button to accept your edited list, or press and hold **BACK** to exit all menus. (Beo4: Press **GO** or **EXIT**).

Fine-tune channels

You can fine-tune your TV channels if, for example, you wish to adjust the frequency.

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight CHANNEL SETUP. (Beo4: Press ▼).
> Press the **centre** button to bring up the CHANNEL SETUP menu and press ⌄ to highlight FINE TUNE. (Beo4: Press **GO** then ▼).
> Press the **centre** button to bring up the FINE TUNE menu. CHANNEL is highlighted. (Beo4: Press **GO**).
> Press ‹ or › to select a channel to fine-tune. (Beo4: Press ◀◀ or ▶▶).
> Press ⌄ to highlight FINE and press ‹ or › to fine-tune the channel. (Beo4: Press ▼ then ◀◀ or ▶▶).
> Press ⌄ to highlight SOUND and press ‹ or › to select a sound type – STEREO, MONO or SAP –for the channel. (Beo4: Press ▼ then ◀◀ or ▶▶).
> Press the **centre** button to store the settings. (Beo4: Press **GO**).

If you select CABLE BOX or OFF for TV TUNER in the TUNER SETUP menu, the EDIT CHANNELS and FINE TUNE menus are inaccessible.



What's on the FINE TUNE menu …

CHANNEL … Select a channel to fine-tune.

FINE … Fine tune the frequency of a channel. You can fine tune within the range of -8 – +8.

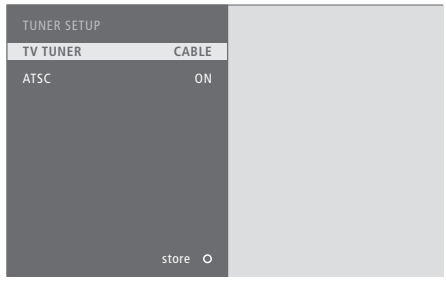
SOUND (mono, stereo or language) … Several types of sound may be available for different programmes, mono, stereo or different languages. On the relevant channel or frequency select the options MONO, STEREO or SAP.

Even though you store a type of sound/language, you can switch between the various types while watching a TV programme. For further information, refer to the chapter 'Surround sound and Home cinema' on page 12 in the Guide.

Re-scan TV channels

You can add new channels or update scanned channels which, for example, have been moved by the broadcaster. *Note: If you re-scan all your TV channels, all channel settings you have made disappear!*

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight TUNER SETUP. (Beo4: Press ▼).
> Press the **centre** button to bring up the TUNER SETUP menu. TV TUNER is already highlighted. (Beo4: Press **GO**).
> Press › to select the source of your TV video signals – CABLE, CABLE BOX, ANTENNA or OFF – and press the **centre** button to store it. (Beo4: Press ⏩ then **GO**).
> If you select CABLE or ANTENNA, scanning begins automatically. New channels are added automatically as they are found.



If you only wish to check for a new signal on a scanned channel that has been empty, do not re-scan all TV channels. Instead, select the channel in the channel list using the number buttons on the remote control. For further information about the channel list, refer to the chapter 'Watch TV' on page 8 in the Guide.

If you select CABLE BOX or OFF for TV TUNER in the TUNER SETUP menu, the EDIT CHANNELS and FINE TUNE menus are inaccessible.

Adjust picture and sound settings

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

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

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

For information about how to change the picture format, refer to the chapter *'Surround sound and Home cinema'* on page 12 in the Guide.

Adjust brightness, colour or contrast

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

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight PICTURE. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the PICTURE menu. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to move through menu items. (Beo4: Press ▲ or ▼).
> Press ‹ or › to adjust the values. (Beo4: Press ◀◀ or ▶▶).
> Press and hold **BACK** to store your settings until you switch off the television (Beo4: Press **EXIT**), or …
> … press the **centre** button to store your settings permanently. (Beo4: Press **GO**).

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.
SIZE … If you experience any irregularities along the edges of the picture select SIZE and adjust.

You can not adjust brightness or contrast when using a projector connected to the television, or when using the television in Home cinema mode.

When signals are sent in format 1080p or 1080i, the menu item SIZE is available in the picture menu.

For video sources using the VGA signal, the following options appear as well:
HOR. SIZE … Adjusts the picture size along the horizontal axis.
VERT. SIZE … Adjusts the picture size along the vertical axis.
HOR. POSITION … Adjusts the picture position along the horizontal axis.
VERT. POSITION … Adjusts the picture position along the vertical axis.
Note that these four settings only apply for the screen resolution in effect at the time you adjust the settings.

To temporarily remove the picture from the screen, press ⌓ to bring up the **Scene** *display on Beo5, press* **Picture**, *then press* **PictureMute**. *To restore the picture, press* **PictureMute** *again. (Beo4: Press LIST repeatedly to display P.MUTE and press GO. To restore the picture press a source button*).*

*NOTE! In order to display P.MUTE on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the Guide enclosed with your Beo4.

Adjust volume, bass or treble

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

You can preset levels for sound volume, bass, treble and up to two connected BeoLab 2 subwoofers.

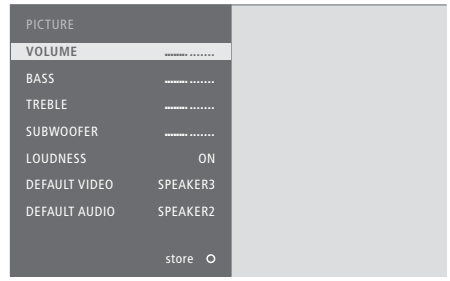
You can switch the loudness feature on or off. The loudness feature compensates for the human ear's lack of sensitivity to high and low frequencies. These frequencies are boosted at low volume levels so that low music becomes more dynamic.

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

For further information about speaker combinations, refer to the chapter *'Surround sound and Home cinema'* on page 12 in the Guide.

To adjust sound …

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight SOUND. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the SOUND SETUP menu. ADJUSTMENT is already highlighted. (Beo4: Press **GO**).
> Press the **centre** button to bring up the SOUND ADJUSTMENT menu. (Beo4: Press **GO**).
> Press ⌃ or ⌄ to select an item to adjust. (Beo4: Press ▲ or ▼).
> Press ‹ or › to adjust the values or choose a setting. (Beo4: Press ◀◀ or ▶▶).
> Press and hold **BACK** to store your settings until you switch off your television. (Beo4: Press **EXIT**).
> Press the **centre** button to store your settings permanently. (Beo4: Press **GO**). First-time setup is now complete.



What's on the SOUND ADJUSTMENT menu …

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

BASS … Adjusts the bass level.

TREBLE … Adjusts the treble level.

SUBWOOFER … (only available if you have connected one or two BeoLab 2 subwoofers) Adjusts the sound level from the subwoofer. If you have connected two subwoofers, the adjustment applies to both of them.

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.

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

DEFAULT AUDIO … Set the speaker combination you want to use when switching on an audio source in your television.

The content of the SOUND menu varies according to what you have connected to the television.

Set positions for the television to turn to

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

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

You can also turn your television by hand.

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

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight STAND POSITIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the STAND POSITIONS menu. (Beo4: Press **GO**).
> Press the **centre** button to determine the VIDEO position. (Beo4: Press **GO**).
> Press ‹ or › to turn the television and ⌃ or ⌄ to tilt it, and place it according to your viewing position. (Beo4: Press ◀◀ or ▶▶ and ▲ or ▼).
> Press the **centre** button to store the position. (Beo4: Press **GO**).

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

> Press ⌄ to move to AUDIO. (Beo4: Press ▼).
> Press the **centre** button to determine the AUDIO position. (Beo4: Press **GO**).
> Press ‹ or › to turn the television and ⌃ or ⌄ to tilt it, and place it as you wish. (Beo4: Press ◀◀ or ▶▶ and ▲ or ▼).
> Press the **centre** button to store the position. (Beo4: Press **GO**).

To store a stand position for when the television is switched off and in standby …

> Press ⌄ to move to STANDBY. (Beo4: Press ▼).
> Press the **centre** button to determine the STANDBY position. (Beo4: Press **GO**).
> Press ‹ or › to turn the television and ⌃ or ⌄ to tilt it, and place it as you wish. (Beo4: Press ◀◀ or ▶▶ and ▲ or ▼).
> Press the **centre** button to store the position. (Beo4: Press **GO**).
> During first-time setup, press the **green** button to continue first time-setup, otherwise …
> …press and hold **BACK** to leave the menus. (Beo4: Press **EXIT**).

NOTE! For information about first-time installation of the motorised stand, refer to the chapter *'First-time setup of your television'* on page 26.

Set the time and date

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

To bring up the clock on the display, press Clock on Beo5. The clock display disappears again after ten seconds. (Beo4: Press LIST repeatedly to display CLOCK and press GO*).

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight CLOCK. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the CLOCK menu. (Beo4: Press **GO**).
> Press ‹ or › to see your choices for each item. (Beo4: Press ◀◀ or ▶▶).
> Press ⌃ or ⌄ to move through menu items. (Beo4: Press ▲ or ▼).
> Press the **centre** button to store your clock and calendar options (Beo4: Press **GO**), or …
> … press and hold **BACK** to exit all menus without storing. (Beo4: Press **EXIT**).

Abbreviations for months

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

*NOTE! In order to display CLOCK on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the Guide enclosed with your Beo4.

Activate parental control

If parental control is available in your area, you can switch it on or off. You can apply TV parental guidelines and the MPAA rating system.

If you assign an access code and switch parental control on, you will be required to enter this access code whenever you want to watch a programme or channel that has been blocked.

Whenever a blocked programme or channel is selected, your screen goes blank, the sound is shut off and an on-screen menu prompts you to enter your access code.

If you wish to change or override your settings, the access code is also required.

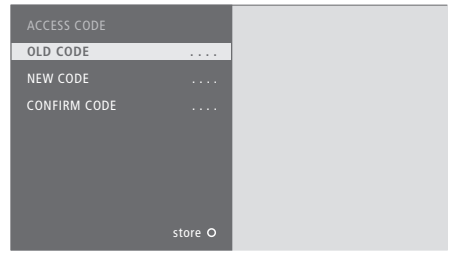
Assign an access code

To make full use of the parental control system, begin by assigning an access code. This restricts access to the programmes and channels with broadcasted restrictions, and prevents the settings from being changed by others. Choose a code that is easy to remember. The default setting is 0000.

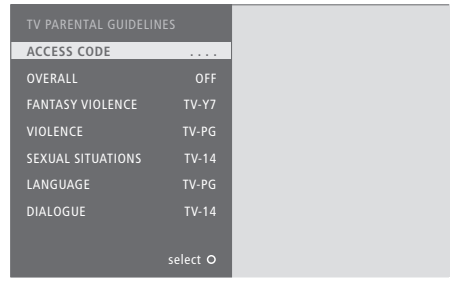
When, for example, TV is switched on …

> Press **Menu** to call up the main menu.
> Press ⌄ to highlight OPTIONS and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight PARENTAL CONTROL and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight ACCESS CODE and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press + and use the number buttons on Beo5 to enter the default code (0000). (Beo4: Use the number buttons).
> Press ⌄ to move the cursor down to NEW CODE. (Beo4: Press ▼).
> Enter a new code.
> Enter the new code once more to confirm it.
> Press the **centre** button to store the code. (Beo4: Press **GO**).
> Press and hold **BACK** or press a source button, for example. **TV**, **DTV** to exit on-screen menus. (Beo4: Press **EXIT** or a source button).

To change your code at any time, follow the procedure described above. If, for some reason, you have forgotten your code, then you can key in 9999 three times when OLD CODE is highlighted. This allows you to enter a new code.



Assign an access code.



Preset TV Parental guidelines.

Preset the MPAA rating.

NOTE! Parental control is not available in Korea.

Preset TV Parental guidelines

If you choose to apply the system of TV parental guidelines, you can select one common restriction level for all categories or preset the restriction level for the individual categories.

When, for example, TV is switched on …

> Press **Menu** to call up the main menu.
> Press ⌄ to highlight OPTIONS and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight PARENTAL CONTROL and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press the **centre** button to bring up the TV PARENTAL GUIDELINES menu. (Beo4: Press **GO**).
> Press + and use the number buttons on Beo5 to enter the access code. If you have not yet preset your own code, enter the default code (0000). (Beo4: Use the number buttons).
> Press < or > to adjust the setting OVERALL. This automatically adjusts the different categories to one common restriction setting. Options are: TV-Y, TV-Y7, TV-G, TV-PG, TV-14, TV-MA, and N/A. (Beo4: Press ◀◀ or ▶▶).

Preset the MPAA rating

You can choose to apply the MPAA rating system as parental control. Select and store the restriction level that you want to impose.

When, for example, TV is switched on …

> Press **Menu** to bring up the main menu.
> Press ⌄ to highlight OPTIONS and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight PARENTAL CONTROL and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight MPAA RATING and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press + and use the number buttons on Beo5 to enter the access code. If you have not yet entered your own code, enter the default code 0000. (Beo4: Use the number buttons).
> Press < or > to adjust the setting RATING. This automatically adjusts the restriction setting. Options are: G, PG, PG-13, R, NC-17, X, NOT RATED, N/A, and OFF. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store the setting. (Beo4: Press **GO**).
> Press and hold **BACK** or press a source button, such as **TV**, to exit on-screen menus. (Beo4: Press **EXIT** or a source button).

When parental control is active …

When a blocked programme or channel is selected, the screen goes blank, the sound is shut off, and the access code must be entered. All the programmes and channels then become available, and parental control is switched off until you switch the television to standby.

> Press **TV** to switch on the television and select a blocked channel.
> Press + and use the number buttons to enter your access code. (Beo4: Use the number buttons).
> The selected channel is now available, as are all other blocked channels.
> If you do not know the code or you wish to view another channel, press ⌃ or ⌄ to change channels. (Beo4: Press ▲ or ▼).

If an incorrect access code is entered three times, the television automatically switches to standby.

Apply Closed Captioning

You can apply subtitles, or Closed Captioning, to all your sources and channels, provided that the broadcaster supports Closed Captioning.

Select a type of Closed Captioning via the CLOSED CAPTIONING menu.

You can, however, choose to turn Closed Captioning on or off at any time – for example, while watching a specific programme – even if you have preset the television to display Closed Captioning at all times.

Closed Captioning options

Choose the type of Closed Captioning you wish to view and whether or not you want Closed Captioning to be displayed automatically.

While the television is on …

> Press **Menu** to bring up the main menu.
> Press ⌄ to highlight OPTIONS and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ⌄ to highlight CLOSED CAPTIONING and press the **centre** button to bring up the menu. (Beo4: Press ▼ then **GO**).
> Press ‹ or › to adjust the setting for DISPLAY. Choose ON or OFF. (Beo4: Press ◀◀ or ▶▶).
> Press ⌄ to highlight TYPE and press ‹ or › to select a type of Closed Captioning. Options are: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, or TEXT4. (Beo4: Press ▼ and ◀◀ or ▶▶).
> Press the **centre** button to store. (Beo4: Press **GO**).
> Press and hold **BACK** or press a source button, such as **TV** or **DTV**, to leave all menus, or press **BACK** shortly to back up through previous menus. (Beo4: Press **EXIT** or a source button, or press **STOP**).

To turn Closed Captioning on or off while watching a programme …

> Press **CC** to see the status of closed captioning – CC ON appears on the screen. (Beo4: Press **TEXT**).
> Press **CC** again to turn Closed Captioning off. (Beo4: Press **TEXT**).
> Press **CC** a third time to restore Closed Captioning. (Beo4: Press **TEXT**).

NOTE! Closed Captioning is not available in Korea.

The Blu-ray menus offer options for settings and adjustments. Here you find detailed information about the individual menus.

For an overview of the Blu-ray menu structure, refer to the Blu-ray menu overview on page 5.

Bring up the SETUP menu

> Press **DVD Setup** to bring up the DVD SETUP menu. (Beo4: Press the **yellow** button then **8**).

What's on the PLAYBACK STATUS menu ...

STANDARD ... Playback status and stop status will be displayed.

EXTENDED ... Playback status, stop status and automatic status, such as BONUSVIEW and angle, will be displayed.

What's on the AUDIO FORMAT menu ...

STANDARD ... Decode all audio formats to PCM for up to 7.1 (seven sound channels and one channel for low-frequency sound). STANDARD audio format is recommended to be able to play all sound tracks.

RE-ENCODE ... Decode all audio formats to DTS for up to 5.1 (five sound channels and one channel for low-frequency sound).

BITSTREAM ... All audio formats are sent in its original format for up to 7.1 (seven sound channels and one channel for low-frequency sound). If this option is selected, sound for Picture in Picture and effect sound for Blu-ray disc menus are not available.

What's on the LANGUAGE menu ...

AUDIO ... Enter the menu and select the preferred audio language to be used.

SUBTITLE ... Enter the menu and select the preferred subtitle language to be used*.

DISC MENU ... Enter the menu and select the language to be used in disc menus.

MENU ... Enter the menu and select the language to be used in the menus.

What's on the ACCESS CONTROL menu ...

When you enter the ACCESS CONTROL menu, you are asked to enter and confirm your access code. The first time you enter the menu, you are asked to select a new access code.

PARENTAL LOCK ... Enable or disable the Parental Lock function.

RATING ... Some discs feature a Parental Lock level. If you specify a level lower than the one contained on the disc, the disc will not play unless your access code is entered.

NEW ACCESS CODE ... Enter and confirm a new access code at any time.

What's on the ADVANCED menu ...

MEMORY MANAGEMENT ... You can format the memory.

NETWORK ... If you choose the CONFIGURATION field to be MANUAL the fields IP ADDRESS, SUBNET MASK, GATEWAY and DNS become available. The MAC ADDRESS field informs you of the Mac address.

MODULE INFORMATION ... See information about software version and regions.

SOFTWARE UPDATE ... If your television is connected to the Internet, you can update the Blu-ray player, provided that new software is available. For further information contact your retailer.

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

To disable the Parental Lock …
IMPORTANT! You can disable the *Parental Lock* completely if, for example, you have forgotten your access code. You must remove the disc from the Blu-ray player and make sure the loader is closed before you disable the *Parental Lock*.

> Press **DVD** to activate the Blu-ray player.
> Press **Menu** twice to bring up the TV SETUP menu. (Beo4: Press **MENU** twice).
> Press ⌄ to move the cursor down to the OPTIONS menu. (Beo4: Press ▼).
> Press **Menu** to reveal the item PARENTAL LOCK. (Beo4: Press **MENU**).
> Press the centre button to bring up the PARENTAL LOCK menu. (Beo4: Press **GO**).
> Press the centre button to disable the Parental Lock (Beo4: Press **GO**), or …
> … press **STOP** to leave the menu without disabling the Parental Lock.
> Press **BACK** to leave all menus. (Beo4: Press **EXIT**).

Note: When you disable the Parental Lock, the Blu-ray player restarts automatically. All settings you have made for the Blu-ray player, such as language selection, are reset and you must make your settings again.

Settings and preferences for the digital tuner

In the digital tuner menus you can make your own settings, enter information on your current terrestrial or cable setup and make channel searches.

The V-CHIP menu allows you to restrict access to particular channels or rated contents.

About channels …

Once you have scanned in the channels, you can make a Channel List of your favourite channels. This means that you reduce the time you spend looking for specific channels.

Contents of the CHANNEL menu …

AUTO SCAN … In the AUTO SCAN menu you scan in all channels automatically. Select which channels to scan for. Options are: AIR, CABLE AUTO, CABLE STD, CABLE HRC and CABLE IRC. When you have selected the channels to scan you must confirm or cancel the channel search. Default settings are AIR and CONFIRM. When you scan in channels, the current channel list and favourite list will be lost. If you wish to know which signal type to use, contact your cable provider.*

FAVOURITE CHANNEL … In the FAVOURITE CHANNEL menu, you can make a list af your favourite channels. If you have not made a favourite list, the main list will appear when you press List. (Beo4: Press and hold GO.)

CHANNEL ADD/DELETE … In the CHANNEL ADD/DELETE menu you can add or delete channels. The on-screen display gives a status of whether a channel is added to or deleted from the main list. The status can be changed from added to deleted or from deleted to added by pressing the centre button. (Beo4: Press GO). When a channel is deleted it is removed from the channel sequence, but it can still be reached if you enter the channel digits.

SIGNAL STRENGTH … In the SIGNAL STRENGTH menu you can see the strength of the received signal.

*NOTE! In Korea options are AIR and CABLE. Default settings are AIR and CONFIRM.

About the CAPTION menu … *

You can apply subtitles, or Closed Captioning, to all your channels.

Choose the type of Closed Captioning you wish to view and whether or not you want Closed Captioning to be displayed automatically.

You can choose to switch Closed Captioning on or off at any time – for example, while watching a specific programme – even if you have preset the television to display Closed Captioning at all times.

Contents of the CAPTION menu …

ON/OFF … In the ON/OFF menu you can choose to display Closed Captioning or not. The default setting is OFF.

ANALOGUE MODE … In the ANALOGUE MODE menu, you can select the mode to use for Closed Captioning in your analogue television receiver, and if the Closed Captioning function is set to ON. Options are: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 and TEXT4. The default setting is CC1.

DIGITAL MODE … In the DIGITAL MODE menu, you can select the mode to use for Closed Captioning in your digital television receiver, and if the Closed Captioning function is set to ON. Options are: SERVICE1, SERVICE2, SERVICE3, SERVICE4, SERVICE5 and SERVICE6. The default setting is SERVICE1.

If you press **CC** *repeatedly you change the mode or switch Closed Captioning on or off, even if you have preset the Closed Captioning function to ON. (Beo4: Press TEXT repeatedly).*

DIGITAL FONT OPTIONS … In the DIGITAL FONT OPTIONS menu, you can set your preferences for the digital font, if you have set the Closed Captioning function to ON:

SIZE … Select the size of the digital font. Options are: DEFAULT, SMALL, STANDARD and LARGE. The default setting is DEFAULT.

STYLE … Select a style for the digital font. You can choose between eight different styles. The default setting is DEFAULT.

COLOUR … Select a colour for the background, the foreground and the edge of the digital font. You can choose between DEFAULT and eight different colours and the default setting is DEFAULT.

OPACITY … Select the opacity for the background and foreground of the digital font. Options are: DEFAULT, SOLID, TRANSLUCENT, TRANSPARENT and FLASHING. The default setting is DEFAULT.

EDGE STYLE … Select an edge style for the digital font. You can choose between seven different styles. The default setting is DEFAULT.

The DEFAULT option in the DIGITAL FONT OPTIONS menu is the presentation as it is set by the programme provider.

*NOTE! The CAPTION menu is not available in Korea.

About the V-CHIP menu … *

The V-CHIP menu allows you to lock specific television contents.

When you enter the V-CHIP menu, you can lock (and later unlock) specific contents to avoid others from watching the contents. Select the contents you wish to lock. Whenever you try to access locked contents, you are asked to key in your V-Chip pincode.

If one content lock is released by the correct V-Chip pincode all contents are open and content lock will not be active again before the television enters standby.

The V-Chip pincode system of the built-in ATSC tuner is not the same as the pincode system for your television, but it may be easier for you, if you choose to use the same code for both systems.

Contents of the V-CHIP menu …

Before you can change the setting in the V-CHIP menu, you must enter the V-Chip pincode. The default setting of the V-Chip pincode is 0000.

CHANGING PIN

You can change your V-Chip pincode at any time. Press + and use 0 – 9 to enter a new four-digit V-Chip pincode. Enter the new V-Chip pincode again to confirm. (Beo4: Use the number buttons).

US RATING SETTING

In the US RATING SETTING menu you can apply the MPAA rating system or the TV-PG system as parental control. Depending on which system you choose options are:

– ALLOW ALL
– BLOCK ALL
– TV-Y, TV-Y7, TV-G, TV-PG, TV14, TV-MA
– FV, D, L, S, V
– P, PG, PG13, R, NC17, X

The default setting is ALLOW ALL.

CANADIAN RATING SETTING

In the CANADIAN RATING SETTING menu you can apply the English classification system or the French classification system as parental control. Depending on which system you choose options are:

– ALLOW ALL
– BLOCK ALL
– E, C, C8+, G, PG, 14+, 18+
– E, G, 8+, 13+, 16+, 18+

The default setting is ALLOW ALL.

Should you forget your code …

If you forget your V-Chip pincode, enter the V-CHIP menu and key in '9999'. You must now enter a new personal code.

*NOTE! The V-CHIP menu is not available in Korea.

About the SETUP menu …

In the SETUP menu, you set up your personal preferences. You can select a menu language to be used in the menus. When you select a preferred language for audio, this language will be used when available from the programme provider.

Contents of the SETUP menu …

TIME … The clock is automatically set by the programme provider, but it can fail, if the information is sent wrong.

DAYLIGHT SAVING … Select whether to use daylight saving for the clock or not. Options are YES and NO. The default setting is YES. Note that DAYLIGHT SAVING will only work if the programme provider's daylight saving flag is set to ON and you have set the DAYLIGHT SAVING to YES. Otherwise, real daylight saving is set to OFF.

TIMEZONE … Set the local information for the clock. Options are EASTERN, CENTRAL, MOUNTAIN, PACIFIC, ALASKA, HAWAII, ATLANTIC and NEWFOUNDLAND. The default setting is EASTERN.

SOUND …

MULTI-TRACK SOUND … Select the preferred audio language to be used, if available from the programme provider. Options are ENGLISH, SPANISH and FRENCH. The default setting is ENGLISH.

DIGITAL OUTPUT … Select the preferred sound output. Options are DOLBY DIGITAL and PCM. The default setting is DOLBY DIGITAL.

MENU LANGUAGE … Select the language to be used in the menus. Options are ENGLISH, SPANISH and FRENCH. The default setting is ENGLISH.

VERSION INFORMATION … Use this menu to see the current ATSC tuner version, model and release date.

NOTE! In Korea only MULTI-TRACK SOUND, DIGITAL OUTPUT and VERSION INFORMATION are available. Options for MULTI-TRACK SOUND are KOREAN, ENGLISH and JAPANESE. Default setting is KOREAN.

Digital tuner – What to do if …

The table to the right describes some of the situations you may experience with the built-in ATSC tuner, and what to do to resolve these situations.

If …	Then …
You hear of a new channel and wish to find it …	Check for information from the programme provider and make a channel search. Bring up the ATSC main menu >*CHANNEL* >*AUTO SCAN*. When you scan in channels, the current channel list and favourite list will be lost
When you choose a channel number, the screen is black …	The programme provider has probably moved the channel. Check for information from the programme provider and make an automatic channel search. Bring up the ATSC main menu >*CHANNEL* >*AUTO SCAN*.
When you choose a channel number, the information display shows "NO SIGNAL" …	It could be that you have selected a channel that does not broadcast around the clock. When no programme is broadcast, the information display will show 'NO SIGNAL".
When you choose a channel number, the information display shows "SEARCHING" …	You have selected a channel where a signal is present, but the channel is not in the list, and the ATSC tuner is searching for a channel to match the signal.
You have forgotten your code for access control …	Bring up the ATSC main menu>*V-CHIP* and enter '9999' (for further information see page 56).
You want to restrict the access to certain contents, (ACCESS CONTROL) …	Bring up the ATSC main menu>*V-CHIP*. Make your settings for access control as described in the menu. In the channels lists you are asked for the V-Chip pincode when you try to access channels that are 'locked' (for further information, see page 56).

If ...	Then ...
You want to store the channel you are currently watching in a Favourite list ...	Note the channel number of the channel you wish to add to your Favourite List. Bring up the ATSC main menu >*CHANNEL* >*FAVOURITE CHANNEL*. Find the channel you want, and add it as described in the menu.
There is no signal, the picture is poor, or several channels are missing ...	Check the signal strength in the ATSC main menu >*CHANNEL* >*SIGNAL STRENGTH* (for further information, see page 54). If the strength is too poor, check your antenna or cable installation or contact your installer.
There is no picture when you switch to DTV or the television seems to 'lock' on one channel ...	Switch your television to standby and wait until the standby indicator turns red, then switch on again. If the problem persist, disconnect your television from the mains and check connections, then reconnect to the mains. If this does not solve the problem, contact your Bang & Olufsen retailer.
There is no sound while watching a programme ...	If the selected audio language is not available from the programme provider, there is no sound in the speakers. Press the green button on the remote control to change audio language. Or, bring up the ATSC main menu >*SETUP* >*SOUND* >*MULTI-TRACK SOUND* to change the setup for the audio language (for further information, see page 57).

Digital tuner glossary

Term	Explanation
ATSC – Advanced Television Systems Committee	The organisation develops broadcast standards for digital television, using MPEG II compression. ATSC: American standards for transmission and reception of digital television signals. Although American, the standards have been adopted in many countries worldwide.
Cable STD, Cable HRC and Cable IRC	Different types of cable television signals. STD: standard, HRC: harmonically related carrier, IRC: incremental coherent carrier.
CC1 – 4	Closed Captioning 1 – 4. Different types of closed captioning channels. Allows the user to select a language for closed captioning in analogue mode.
Programme Guide or Electronic Program Guide (EPG)	This interactive feature allows the user to access and scroll through complete programme listings covering now and next programmes on the television screen.
Programme provider	Broadcaster, company or corporation that supplies audio or video programmes via terrestial antennas.
Rating system	The US and Canadian rating systems are parental control systems that allow the user to limit access to certain programmes.
Service1 – 6	Different types of closed captioning service modes for digital channels. Allows the user to select a language for closed captioning in digital mode.
TEXT1 – 4	Different types of text channels. Allows the user to select a text channel language in analogue mode.
V-Chip	Viewer control chip. Allows user to set a password to control access to programmes based on rating (based on the motion picture rating system).

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

Advanced operation, *7*
All you need to know about using your television beyond daily use, such as how to operate timed play and timed standby functions, a connected set-top box, and a connected recorder

Placement, sockets and connections, *15*
Find out how to handle and place your television, where the sockets are placed, and how to connect and register extra equipment.

Tuning and preference settings, *25*
Find out how to set up your television for the first time and scan in channels. This chapter also contains information about settings for time, date, picture, sound, parental control and Closed Captioning and about how to disable the internal TV tuner.

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- Connect and operate an audio system, *62*
- Distribute sound and picture with BeoLink, *64*
- Your television in a link room, *66*
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Find the subject you want to know more about.

Connect and operate an audio system

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

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

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

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

Connect your audio system to the television

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

Programme the AV setup with Beo5
If your television has been set up in an AV system, you may need to set it to the correct Option with Beo5. Switch the entire system to standby first.

Option setting for the television
> Place yourself in front of the television.
> While holding the • button, press the **centre** button to bring up the SETUP menu on Beo5.
> Let go of both buttons.
> Press **Option Pgm** to bring up the Option Pgm display on Beo5.
> Press the button that matches the zone in which the television is placed, for example, **Tv Area**.

Option setting for the audio system
> Place yourself in front of the audio system.
> While holding the • button, press the **centre** button to bring up the SETUP menu on Beo5.
> Let go of both buttons.
> Press **Option Pgm** to bring up the Option Pgm display on Beo5.
> Press the button that matches the zone in which the audio system is placed, for example, **Audio Area**.

Programme the AV setup with Beo4
You can set your television, placed in an AV-system, to the correct Option using Beo4. Switch the entire system to standby first.

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

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

If the television and an audio system is set up in one room with all speakers connected to the television, set the television to Option 2 and the audio system to Option 0.

If the television (with or without additional speakers) and the audio system (with a connected set of speakers) is set up in the same room, set the television to Option 1 and the audio system to Option 1.

If the audio system is set up in one room, and the television (with or without additional speakers) in another, set the television to Option 2 and the audio system to Option 2.

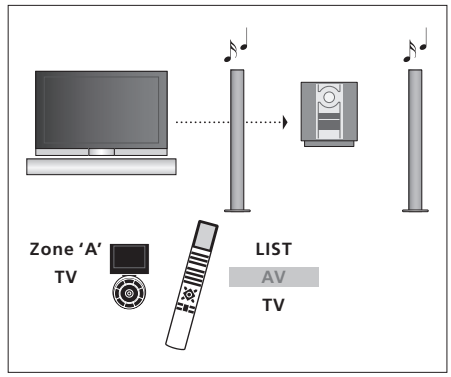
For information about Option 4, 5 and 6, refer to page 66 and 68.

Use an integrated audio/video system

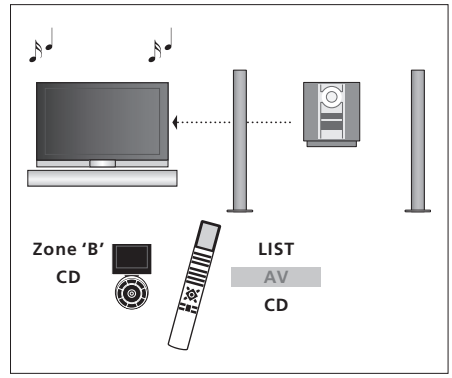
If you integrate your audio system and your television, you can choose a speaker combination appropriate to the current video or audio programme, and also record video sound on the audio system.

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, select the zone for your audio system speakers on Beo5, and then press a source button, such as **TV**. *(Beo4: Press LIST repeatedly to display AV, then press TV).* Beo5 instruction is shown to the left and Beo4 instruction to the right.*



To listen to audio sound on the speakers connected to the television, select the zone for speakers connected to the television on Beo5, and then press an audio source button, such as **CD**. *(Beo4: Press LIST repeatedly to display AV, then press CD). Beo5 instruction is shown to the left and Beo4 instruction to the right.*

*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 Guide enclosed with your remote control.

Distribute sound and picture with BeoLink

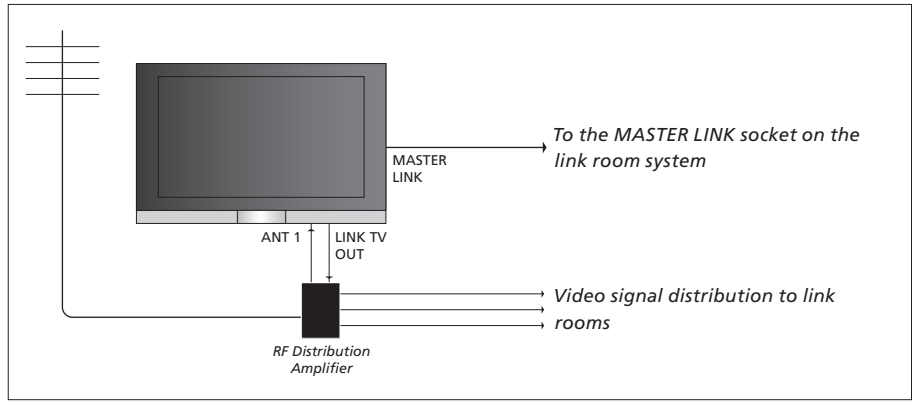
The BeoLink system makes it possible to distribute picture and/or sound to other rooms throughout the house.

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

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

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

Link connections



The main room television must be connected to the link room system with a Master Link cable:

> Connect the Master Link cable to the socket marked MASTER LINK on the side connection panel.

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

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

Digital signals (HDMI) cannot be distributed from a main room television to the link room system.

System modulator

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

To switch on the system modulator …

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu, and press ⌄ to highlight CONNECTIONS. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the CONNECTIONS menu, and press ⌄ to highlight LINK. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the LINK menu, and press ⌄ to highlight MODULATOR. (Beo4: Press **GO** and ▼).
> Press < or > to reveal ON. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store the setting (Beo4: Press **GO**), or …
> … press and hold **BACK** to leave all menus without storing. (Beo4: Press **EXIT**).

Link channel

If, for example, a TV channel in your area is broadcasted on the same channel as the factory setting for the BeoLink system; channel 66, you must tune the system modulator to an unoccupied channel. When you change the link channel in the main room television, make sure that the link channel in the link room television corresponds to it.

To change the link channel …

> Press **TV** to switch on the television.
> Press **Menu** to bring up the TV SETUP menu and press ⌄ to highlight OPTIONS. (Beo4: Use ▼).
> Press the **centre** button to bring up the OPTIONS menu and press ⌄ to highlight CONNECTIONS. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the CONNECTIONS menu and press ⌄ to highlight LINK. (Beo4: Press **GO** and ▼).
> Press the **centre** button to bring up the LINK menu. CHANNEL is already highlighted. (Beo4: Press **GO**).
> Press < or > to find an unused channel. (Beo4: Press ◀◀ or ▶▶).
> Press the **centre** button to store the setting (Beo4: Press **GO**), or …
> … press and hold **BACK** to leave all menus without storing. (Beo4: Press **EXIT**).

The LINK menu.

BeoLink – Your television in a link room

If you have BeoLink installed in your home and choose to place your television in a link room, you can operate all connected systems through the television and listen to the sound in the link 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.
2 Using the remote control, programme the link room television to the correct Option.
3 Disconnect the link room television from the mains.
4 Make the necessary connections.
5 Reconnect the link room television to the mains.

Option setting

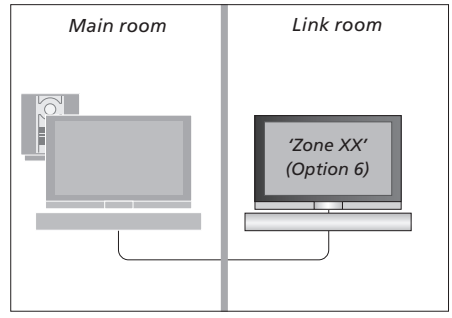
For your entire system to function properly, it is essential that the television in the link room is set to the correct Option before you connect it to the system in the main room!

With Beo5 ...

> Place yourself in front of the link room television.
> While holding the • button, press the **centre** button to bring up the SETUP menu on Beo5.
> Let go of both buttons.
> Press **Option Pgm** to bring up the Option Pgm display on Beo5.
> Press the button that matches the zone in which the television is placed.

With Beo4 ...

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



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

Link room operation

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

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

> Press the button for the source you wish to use, for example, **RADIO**.
> Operate the selected source as usual.

Use a source placed in the link room – the source type is present in both rooms ...

> Press the button for the source you wish to use, for example **TV**.
> Operate the source as usual.

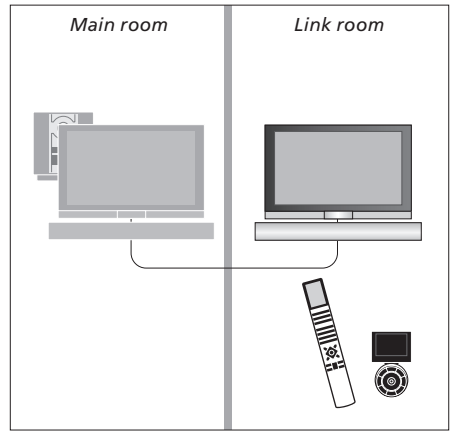
Use a source placed in the main room – the source type is present in both rooms ...

> Press **Link** to bring up a source display on Beo5. (Beo4: Press **LIST** repeatedly to display LINK*).
> Press the button for the source you wish to use, for example **TV**.
> Operate the source as usual.

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

> Press **TV** to switch on the television.
> Press, for example **DTV**, to activate a source connected to the main room television, such as a set-top box.
> Press **Link Stereo** on Beo5. (Beo4: Press **LIST** repeatedly to display AV*).

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



*NOTE! In order to display LINK and AV on Beo4, you must first add them to the Beo4 list of functions. For further information, refer to the Guide enclosed with your Beo4.

Two televisions in the same room

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

One remote control for both televisions

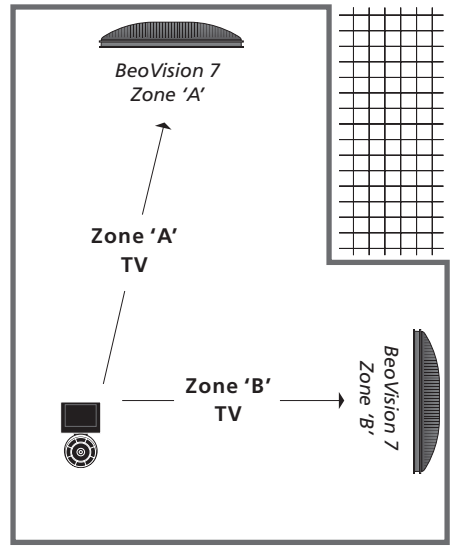
For your television to function properly, it is essential that it is set to the correct Option:

To set the correct Option with Beo5 ...

> Place yourself in front of the television.
> While holding the • button, press the **centre** button to bring up the SETUP menu on Beo5.
> Let go of both buttons.
> Press **Option Pgm** to bring up the Option Pgm display on Beo5.
> Press the button that matches the zone in which the television is placed.

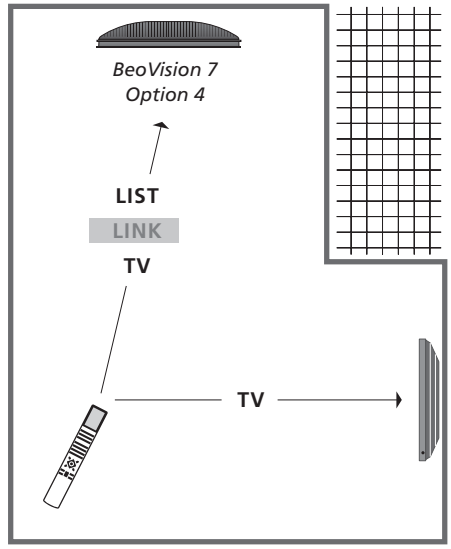
To set the correct Option with Beo4 ...

> 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**.



Beo4 – Operate your television in Option 4 …
Normally, you can activate a source, such as TV, simply by pressing the relevant source button on your remote control. However, when you set your television to Option 4, you must do the following, if you have a Beo4:

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



**To display LINK on your Beo4 remote control, you must first add it to the Beo4 list of functions. Refer to the Guide enclosed with your Beo4.*

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CAUTION: The use of any controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure. The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD Player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only. Laser radiation when open. Do not stare into beam. This label is located on the rear enclosure.

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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.

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

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