BeoVision 6

Reference book

Tables of contents in the Reference book

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

The main sections are:
– Advanced operation
– Tuning and preference settings
– Placement, sockets and connections
– BeoLink system
– Index

Menu overview

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

CHANNEL GROUPS

TV TUNING
    EDIT CHANNELS

    ADD CHANNELS

    AUTO TUNING

    MANUAL TUNING
        EXTRA
            FINE TUNE
            DECODER
            TV SYSTEM
            SOUND

TIMER RECORDING
    NOW

    TELETEXT

    RECORD LIST

    MENU
        CHANNEL
        START TIME
        STOP TIME
        DATE
        PDC/VPS

PLAY TIMER
    TIMER ON/OFF

    TIMER INDEX

    PLAY TIMER PROGRAMMING
        SOURCE
        GROUP
        CHANNEL
        START TIME
        STOP TIME
        DAYS

    WAKE UP TIMER

OPTIONS
    CONNECTIONS
        AV1
        AV2
        AV3
        CAMERA
        HDMI EXPANDER
        LINK
            FREQUENCY
            MODULATOR
            FINE TUNE

    TUNER SETUP

    SOUND
        VOLUME
        BALANCE
        BASS
        TREBLE
        SUBWOOFER
        LOUDNESS

    PICTURE
        BRIGHTNESS
        CONTRAST
        COLOUR
        TINT

    CLOCK
        TIME
        DATE
        MONTH
        YEAR
        SYNCHRONISE
        SHOW CLOCK

    MENU LANGUAGE
        DANSK
        DEUTSCH
        ENGLISH
        ESPAÑOL
        FRANÇAIS
        ITALIANO
        NEDERLANDS
        SVENSKA

    STAND POSITIONS
        VIDEO
        AUDIO
        TV STANDBY

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

Press MENU on Beo4 to access the main menu.

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.

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

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

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.

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.

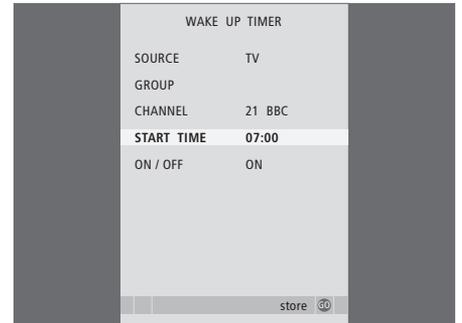Wake-up Timers can, of course, also be disabled again.

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

```
                    WAKE  UP  TIMER

         SOURCE           TV
         GROUP
         CHANNEL          21  BBC
         START  TIME      07:00
         ON / OFF         ON




                                store  GO
```

What's on the WAKE-UP TIMER menu …
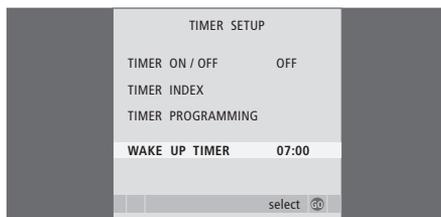SOURCE … Choose the source for your Wake-up Timer from the available sources in your system.
GROUP … Choose a channel group.
CHANNEL … Choose the channel number you want.
START TIME … Key in the time when you want the system to start playing.
ON/OFF … Activate or deactivate your Wake-up Timer. Choose ON to activate and OFF to deactivate.

Check or delete a Wake-up Timer

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

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

```
                  TIMER  SETUP

       TIMER  ON / OFF          OFF
       TIMER  INDEX
       TIMER  PROGRAMMING

       WAKE  UP  TIMER          07:00


                               select  GO
```

You can make your television switch itself on and off automatically via the timed play and timed standby functions, if, for example, 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 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 27.

Before you start …

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

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

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

Timed play and timed standby

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

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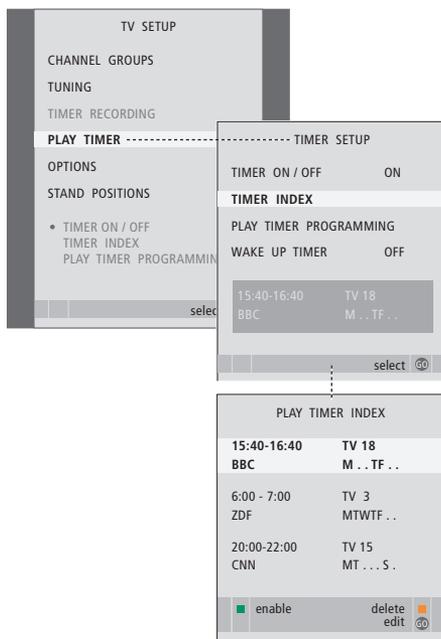> Press **EXIT** to exit all menus.

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

View, edit or delete a Timer

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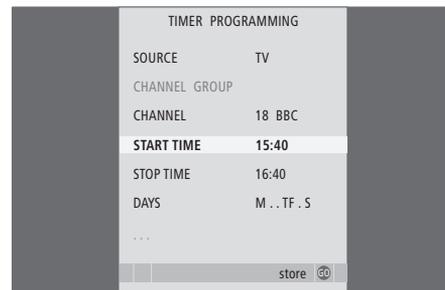
To view, edit or delete your Timer settings …
> Select TIMER INDEX from the TIMER SETUP menu to bring up your list of Timer settings. The first Timer setting in the list is already high-lighted.
> Press ▲ or ▼ to move the cursor to a Timer setting you wish to edit.
> To edit a setting, press GO and follow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

TV SETUP

CHANNEL GROUPS
TUNING
TIMER RECORDING
PLAY TIMER ----------------- ------------- TIMER SETUP
OPTIONS
STAND POSITIONS

• TIMER ON / OFF
  TIMER INDEX
  PLAY TIMER PROGRAMMIN

select

TIMER SETUP

TIMER ON / OFF   ON
TIMER INDEX
PLAY TIMER PROGRAMMING
WAKE UP TIMER   OFF

15:40-16:40   TV 18
BBC   M . . TF . .

select ⊙

PLAY TIMER INDEX

15:40-16:40   TV 18
BBC   M . . TF . .

6:00 - 7:00   TV 3
ZDF   MTWTF . .

20:00-22:00   TV 15
CNN   MT . . . S .

■ enable   delete ■
                  edit ⊙

TIMER PROGRAMMING

SOURCE   TV
CHANNEL GROUP
CHANNEL   18 BBC
START TIME   15:40
STOP TIME   16:40
DAYS   M . . TF . S
. . .

store ⊙

What's on the TIMER PROGRAMMING menu …

SOURCE
  Choose the source for your Timer from the available sources in your system. Choose STANDBY, if you want the television to switch off. If you have other compatible video or audio 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.
CHANNEL GROUP … If you have selected a channel group, only the channels in the selected group are accessible.
START TIME and STOP TIME … Key in the times when you want the system to start and/or stop playing. If you have set the Timer source to STANDBY, it is only possible to enter a stop time.
DAYS … Select the specific weekday(s) on which you want your Timer executed. All the weekdays will be displayed – starting with M for Monday.

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

Abbreviations for weekdays:

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

NOTE! You can disable a weekly timer without deleting it. The TIMER will remember the previous selection you have made. Use the green button to enable and disable this function.

Use connected video equipment with Beo4

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

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

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

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

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

Peripheral Unit Controller menu

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

Press a source button* to switch on connected equipment — **DTV**

Press to bring up the Peripheral Unit Controller menu — **MENU**

Press the number button that activates the function you want, or … — **1** – **9**

… press one of the coloured buttons to activate a function

When you have selected a peripheral unit controller as a source, press MENU twice to bring up the television's main menu.
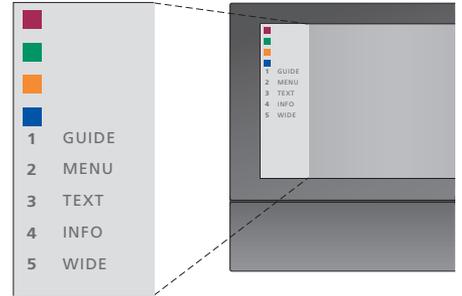
Example of a Peripheral Unit Controller menu – The Beo4 buttons are shown to the left on the menu, and the functions they control are shown to the right. The menu may also list buttons on the remote control included with your connected equipment.

*NOTE! Which source button activates your peripheral unit depends on the tuner setup and settings in the CONNECTIONS menu, refer to pages 16 and 36 for further information.

Universal Beo4 operation

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

While your equipment is on …

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

Press one of the coloured buttons to activate a function

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

Press and hold GO to bring up the Program guide or the 'Now/Next' banner on the screen depending on your source	**GO**

If you have chosen the standby option 'MANUAL CONTROL', refer to page 41, and your set- top box supports it, you can switch the box on by pressing GO and 0.

Use equipment menus

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

While equipment menus are shown …

Move the cursor up or down	▲ ▼

Move the cursor left or right	◀◀ ▶▶

Select and activate a function	**GO** **GO**

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

Exit menus, or return to a previous menu*	**STOP**

Exit menus, enter or exit different modes, such as radio	**EXIT**

Use the coloured buttons as indicated in the menus of your connected equipment

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

Use equipment in a link room

When you have connected equipment to the television in the main room, you can operate it via the link room television. However, the Peripheral Unit Controller menu cannot be displayed on the television screen in the link room.

Press to switch on equipment in the main room	**DTV**

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

Press one of the coloured buttons to activate a function

Use your television as a computer monitor

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

IMPORTANT! If you wish to connect a computer to the television and use the television as a monitor, make sure that the television, the computer, and all equipment connected to the computer are all disconnected from the mains before you connect the computer and the television to each other. In addition, the computer must be connected to a grounded wall outlet as specified in the computer's setting-up instructions.

Bring up the computer image on the screen

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

Connect the computer's VGA output to the VGA input on the television. To hear sound from the computer in the television loudspeakers, connect the sound output to the AV3 R – L sockets on the television.
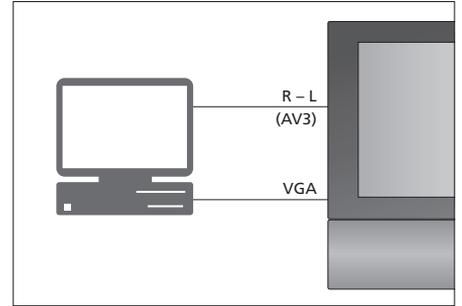
To bring up the computer picture …
Press repeatedly until PC appears **LIST**
in the Beo4 display   PC

Press to bring up the picture   **GO**

You can then operate the computer as you normally would.

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

If a source such as a PC is connected via the VGA socket, the following picture options appear:
BRIGHTNESS … Adjusts the picture brightness.
CONTRAST … Adjusts the contrast level in the picture.
COLOUR … Adjusts the colour intensity in the picture.
HOR. SIZE … Adjusts the width of the picture.
HOR. POSITION … Adjusts the position of the picture horizontally.
VERT. POSITION … Adjusts the position of the picture vertically.

Note that the last three settings only apply for the screen resolution in effect at the time you adjust the settings. For further information on the PICTURE menu, refer to the chapter 'Adjust picture and sound settings' on page 28.


R – L
(AV3)

VGA

HDTV SETUP	
BRIGHTNESS	32
CONTRAST	32
COLOUR	32
HOR. SIZE	0
HOR. POSITION	0
VERT. POSITION	0

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

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.
> Press **GO** to bring up the OPTIONS menu, and press ▼ to highlight TUNER SETUP.
> Press **GO** to bring up the TUNER SETUP menu, TV TUNER is already highlighted.
> Press ◀◀ or ▶▶ to switch between the setting ON or OFF.
> Press ▼ to highlight DVB.
> Press ◀◀ or ▶▶ to switch between the setting ON or OFF.
> Press **GO** to store the settings, or …
> … press **EXIT** to leave all menus without storing.

Important! If you have connected a Bang & Olufsen hard disc recorder to your television, it is recommended not to disable the TV tuner.

	TUNER SETUP
TV TUNER	**ON**
DVB	ON
	store GO
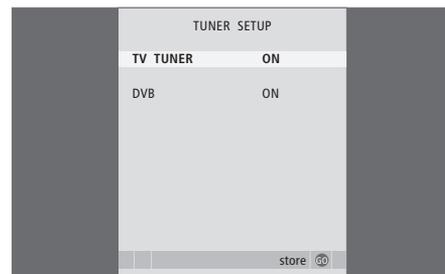
NOTE! DVB is only available if your television is equipped with the optional DVB module.

Find out how to perform the first-time setup procedure and tune in all available channels automatically. In addition, you can find information about how to edit tuned channels and adjust other available settings, such as 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 31.

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

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.

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 and loudspeakers.

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

For information on setting up and operating DVB, refer to the separate Guide.

First-time setup of your television has four main steps: registration of all connected equipment, tuning of channels, loudspeaker setup and sound adjustment. However, which menus appear depends on whether or not the TV tuner is enabled and whether or not you have connected additional speakers to the television.

MENU LANGUAGE
    TUNER SETUP
    CONNECTIONS
        CHECK AERIAL CONNECTION
    AUTO TUNING
    SPEAKER TYPES
    SPEAKER DISTANCE
    SPEAKER LEVEL
    SOUND ADJUSTMENT

The sequence of menus in first-time setup:

MENU LANGUAGE … You can select the language for on-screen menus. The text on the screen changes as you move from language to language. For further information, refer to the chapter *'Choose menu language'* on page 30.

TUNER SETUP … In this menu you can disable the internal TV tuner and make DVB your main television source, and you can disable the DVB module to let a peripheral unit (set-top box) be your DTV television source.

CONNECTIONS … Select the type of equipment you have connected to each socket, 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 40. During first-time setup, you store the settings in the CONNECTIONS menu by means of the green button.

AUTO TUNING … Only available if you have not disabled the TV tuner. When you have registered your connected equipment, a menu for channel tuning automatically appears on the screen. Press **GO** to start auto tuning. The television tunes in all available channels. For further information about tuning TV channels, refer to the chapter *'Re-tune or add channels'* on page 23.

SPEAKER TYPES … In this menu, you select which Bang & Olufsen speakers are connected. For further information about the SPEAKER TYPES menu, refer to page 42 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 43 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 44 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 28.

For information about where and how to connect extra equipment, refer to 'Register additional video equipment' on page 40 and the chapter 'Socket panel' on page 36.

Determine the centre position

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

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

STAND ADJUSTMENT

CENTRE POSITION

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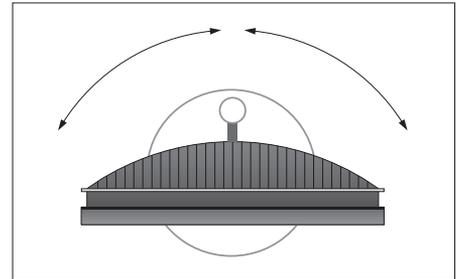
Make sure that there is enough room for the television to turn to the right and left.

For further information about stand positions, refer to the chapter 'Set positions for the television to turn to' on page 26.

Edit tuned channels

You can at any time rearrange the order in which your TV channels appear, just bring up the EDIT TV CHANNELS menu to do so. This menu also allows you to name and delete TV channels.

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

Move tuned channels

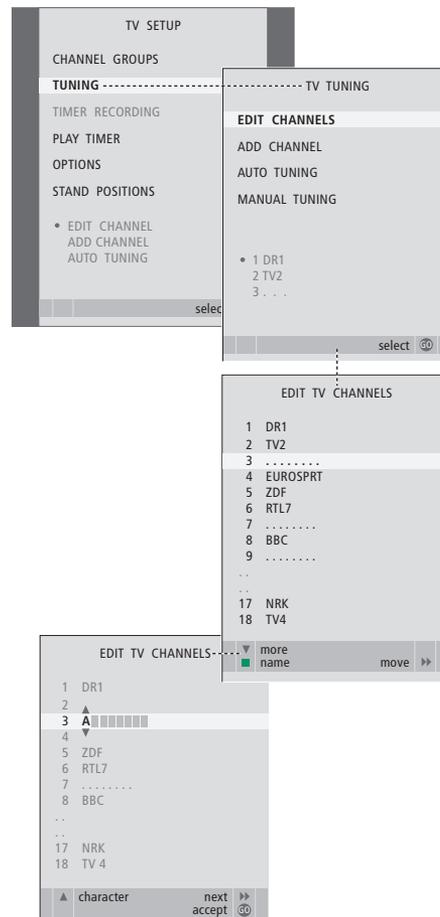At any time, you can move or delete any tuned TV channels you do not want.

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

TV SETUP	
CHANNEL GROUPS	
TUNING -------------------	----------- TV TUNING
TIMER RECORDING	**EDIT CHANNELS**
PLAY TIMER	ADD CHANNEL
OPTIONS	AUTO TUNING
STAND POSITIONS	MANUAL TUNING
• EDIT CHANNEL	• 1 DR1
ADD CHANNEL	2 TV2
AUTO TUNING	3 . . .
selec	select GO

EDIT TV CHANNELS

1	**DR1**
2	TV2
3	. . . .
4	EUROSPRT
5	ZDF
6	RTL7
7	. . . .
8	BBC
. .	
. .	
17	NRK
18	TV4

▼ more
■ name   move ▶▶

EDIT TV CHANNELS

1	**DR1**
2	TV2
3	. . . .
4	EUROSPRT
5	ZDF
6	RTL7
7	. . . .
8	BBC
. .	
. .	
17	NRK
18	TV4

                          move ▼
◀◀ move   delete ■

EDIT TV CHANNELS

1	**DR1**
2	TV2
3	. . . .
4	EUROSPRT
5	ZDF
6	RTL7
7	. . . .
8	BBC
. .	
. .	
17	NRK
18	TV4

◀◀ move   delete ■

Delete tuned channels

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

Name tuned channels

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

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

```
            TV  SETUP

CHANNEL  GROUPS
TUNING ----------------------------- TV  TUNING
TIMER  RECORDING
PLAY  TIMER                 EDIT  CHANNELS
OPTIONS                     ADD  CHANNEL
STAND  POSITIONS            AUTO  TUNING
                            MANUAL  TUNING
•  EDIT  CHANNEL
   ADD CHANNEL
   AUTO  TUNING           •  1 DR1
                             2 TV2
                             3 . . .
                    select
                                            select  GO
```

```
            EDIT  TV  CHANNELS

        1   DR1
        2   TV2
        3   . . . . . . . .
        4   EUROSPRT
        5   ZDF
        6   RTL7
        7   . . . . . . . .
        8   BBC
        9   . . . . . . . .
        . .
        . .
       17   NRK
       18   TV4
                        ▼  more
                        ■  name              move  ▶▶
```

```
        EDIT  TV  CHANNELS----
    1   DR1
    2       ▲
    3       A▮▮▮▮▮▮▮▮
    4       ▼
    5   ZDF
    6   RTL7
    7   . . . . . . . .
    8   BBC
    . .
    . .
   17   NRK
   18   TV 4

    ▲  character          next  ▶▶
                        accept  GO
```

Adjust tuned TV channels – manual tuning

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

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

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

B/G …   for PAL/SECAM BG
I …   for PAL I
L …   for SECAM L
M …   for NTSC M
D/K …   for PAL/SECAM D/K

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

*Even though you store a type of sound/language,
you can switch between the various types while
watching a TV programme. For further information,
refer to the chapter 'Adjust sound and picture
format' on page 8 in the Guide.*
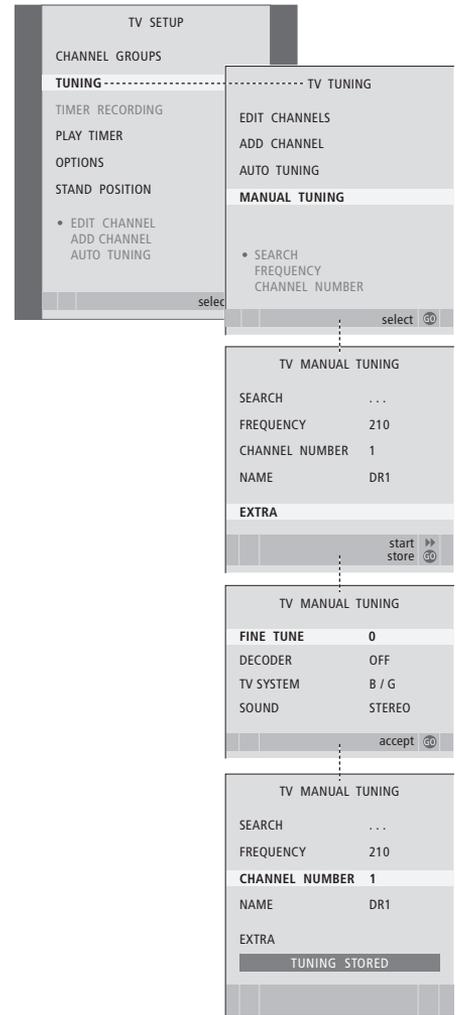
You can make your television find your TV channels for you. Preset up to 99 different TV channels on channel numbers of their own and give each channel a distinct name.

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

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

Re-tune via automatic tuning

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

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

Note: If you re-tune all your TV channels, all Groups of channels and channel settings, you have made, disappear!

```
                  TV  SETUP

CHANNEL  GROUPS
TUNING  ----------------------------------- TV  TUNING
TIMER  RECORDING
PLAY  TIMER                   EDIT  CHANNELS
OPTIONS                       ADD  CHANNEL
STAND  POSITIONS              AUTO  TUNING
                              MANUAL  TUNING
  •  EDIT  CHANNELS
     ADD  CHANNEL
     AUTO  TUNING              •  1 DR1
                                 2 TV2
                    selec        3 . . .

                                              select  GO

                                   TV  AUTO  TUNING

                              1  . . . . . . . .

                                DELETES  CHANNEL  GROUPS
                                              start  ▶▶

                                   TV  AUTO  TUNING

                              1  DR1
                              2  TV2
                              3  . . . . . . . .


                                  EDIT  TV  CHANNELS

                              1   DR1
                              2   TV2
                              3   . . . . . . . .
                              4   EUROSPRT
                              5   ZDF
                              6   RTL7
                              7   . . . . . . . .
                              8   BBC
                              9   . . . . . . . .
                              . .
                              . .
                              17  NRK
                              18  TV4
                              ▼   more
                              ■   name             move  ▶▶
```

Add new channels

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

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

```
              TV  SETUP

CHANNEL  GROUPS

TUNING  - - - - - - - - - - - - - - - - - - - - - - - - - -  TV  TUNING

TIMER  RECORDING              EDIT  CHANNELS

PLAY  TIMER                   ADD  CHANNEL

OPTIONS                       AUTO  TUNING

STAND  POSITIONS              MANUAL  TUNING

 •  EDIT  CHANNEL
    ADD  CHANNEL            •  19 . . . . . . . .
    AUTO  TUNING              20 . . . . . . . .
                             21 . . . . . . . .

              selec                          select  GO
```

```
         ADD  TV  CHANNEL

10  . . . . . . . .
11  . . . . . . . .
12  CNN
13  N3
14  . . . . . . . .
15  SAT 1
16  SVT 2
17  NRK
18  TV4
19  . . . . . . . .

                   start  ▶▶
```
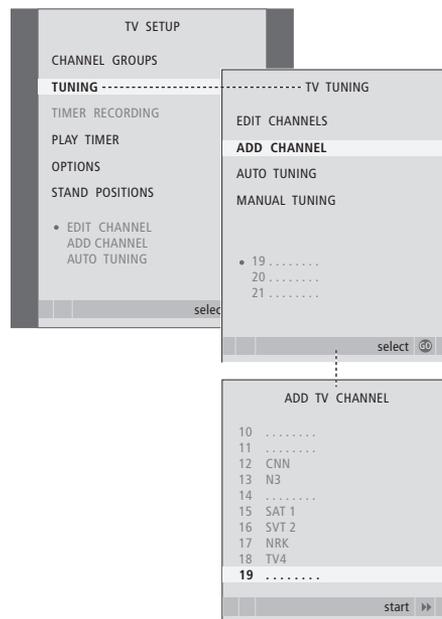
Set positions for the television to turn to

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

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

You can also turn your television by hand.

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

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

To store a stand position for when the television is switched off and in standby …
> Press ▾ to move to STANDBY.
> Press **GO** to determine the STANDBY position.
> Press ◀◀ or ▶▶ to turn the television, and place it as you wish.
> Press **GO** to store the position.
> Press **EXIT** to leave the menus.

```
            TV  SETUP
CHANNEL  GROUPS
TUNING
TIMER  RECORDING
PLAY  TIMER
OPTIONS
STAND  POSITIONS  ----------      STAND  POSITIONS

• VIDEO                          VIDEO        ■
  AUDIO                          AUDIO        ◀
  STANDBY                        STANDBY      ●

                      select
                                       select  GO
```
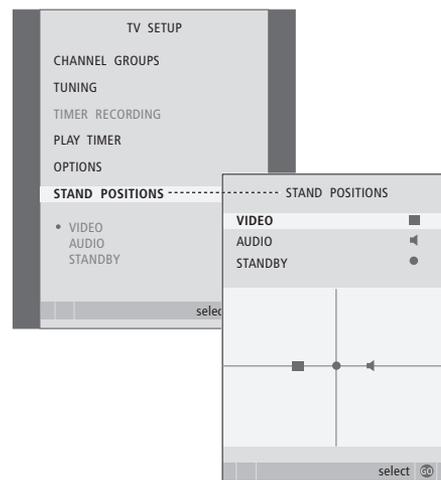
NOTE! For information about first-time installation of the motorised stand, refer to the chapter *'First-time setup of your television'* on page 16.

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 recorder, the clock ensures that these features are switched on and off at the right times.

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

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

Before synchronising the clock with a tuned channel, make sure that the channel you are watching offers a teletext service.

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

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

```
              TV  SETUP

CHANNEL GROUPS
TUNING
TIMER  RECORDING
PLAY  TIMER
OPTIONS
STAND POSITIONS

 • CONNECTIONS
   TUNER SETUP
   SOUND
                                  select
```

```
                    ·········  OPTIONS

CONNECTIONS
TUNER SETUP
SOUND
PICTURE
CLOCK
MENU  LANGUAGE

 • TIME
   DATE
   MONTH
                          select  GO
```

```
                 CLOCK

TIME                       20:00
DATE                       23
MONTH                      APR
YEAR                       2001
SYNCHRONISE                NO
SHOW CLOCK                 NO

                          store  GO
```
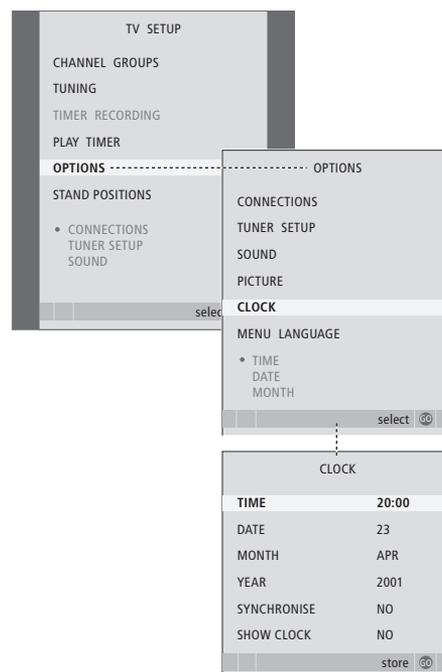
Abbreviations for months

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 Beo4.

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

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

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

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

Change brightness, colour or contrast

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

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

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

What's on the PICTURE menu …
BRIGHTNESS … Adjusts the picture brightness.
CONTRAST … Adjusts the contrast level in the picture.
COLOUR … Adjusts the colour intensity in the picture.
TINT … Adjusts the colour shade or nuance on the current channel. Only available for video sources using the NTSC signal.

IMPORTANT! If a source such as a PC is connected via the VGA socket, refer to page 12.

TV SETUP

CHANNEL GROUPS
TUNING
TIMER RECORDING
PLAY TIMER
OPTIONS
STAND POSITIONS

• CONNECTIONS
  TUNER SETUP
  SOUND

select

OPTIONS

CONNECTIONS
TUNER SETUP
SOUND
PICTURE
CLOCK
MENU LANGUAGE
• BRIGHTNESS
  CONTRAST
  COLOUR

select GO

PICTURE

BRIGHTNESS   . . . .
CONTRAST   . . . .
COLOUR   . . . .
TINT   . . . .

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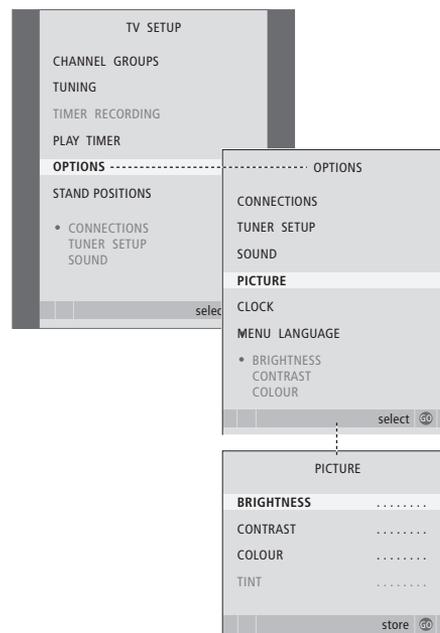
*NOTE! In order to display P.MUTE on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the Guide enclosed with Beo4.

Sound adjustments

If your television is equipped with the optional surround sound module, you can preset two default speaker combinations. One to be used each time you switch on a video source in your system, and one to be used each time you switch on an audio source connected to your system. You can still select a different speaker combination any time you wish, refer to the Guide page 9 for further information.

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

What's on the SOUND SETUP menu …
VOLUME … Adjusts the volume level the TV uses when you switch it on.
(CENTRE) … Only available if you have connected loudspeakers to the television. Adjusts the balance between the external and internal speakers.
(BALANCE) … Adjusts the balance between the speakers.
BASS … Adjusts the bass level.
TREBLE … Adjusts the treble level.
LOUDNESS … The loudness feature compensates for the human ear's lack of sensitivity to high and low frequencies. These frequencies are boosted at low volume levels so that low music becomes more dynamic. Loudness can be set to YES or NO.

The contents of this menu varies according to your speaker setup.

TV SETUP
CHANNEL GROUPS
TUNING
TIMER RECORDING
PLAY TIMER
OPTIONS
STAND POSITIONS
• CONNECTIONS
TUNER SETUP
SOUND
select

OPTIONS
CONNECTIONS
TUNER SETUP
SOUND
PICTURE
CLOCK
MENU LANGUAGE
• VOLUME
BALANCE
BASS
select

SOUND SETUP	
VOLUME	. . . .
BALANCE	. . . .
BASS	. . . .
TREBLE	. . . .
LOUDNESS	NO
	store
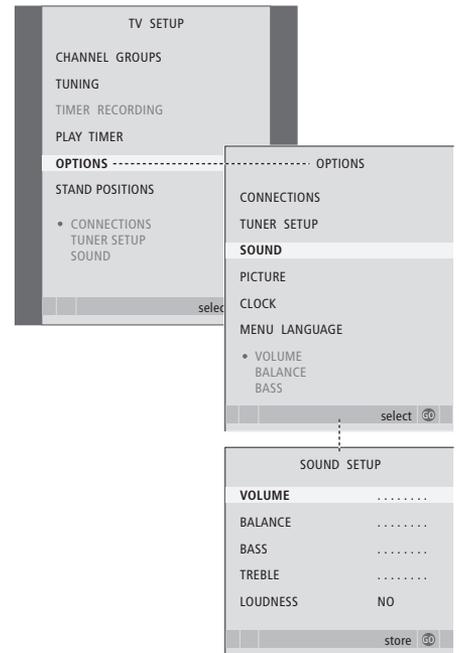
Choose menu language

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

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

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

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

```
            TV  SETUP
CHANNEL  GROUPS
TUNING
TIMER  RECORDING
PLAY  TIMER
OPTIONS
STAND POSITIONS

 •  CONNECTIONS
    TUNER  SETUP
    SOUND

                       selec
```

```
                      OPTIONS
CONNECTIONS
TUNER  SETUP
SOUND
PICTURE
CLOCK
MENU  LANGUAGE

 •  DANSK
    DEUTSCH
    ENGLISH

                    select  GO
```

```
            MENU  LANGUAGE
DANSK
DEUTSCH
ENGLISH
ESPAÑOL
FRANÇAIS
ITALIANO
NEDERLANDS
SVENSKA

 ▼  select          accept  GO
```
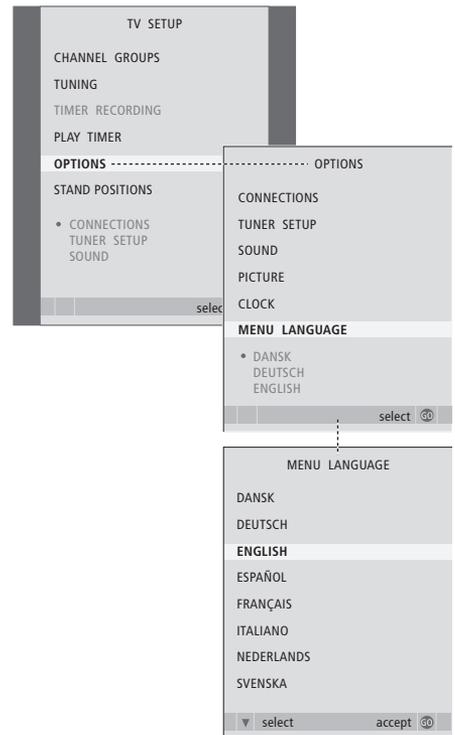
In this chapter, you can find out how to place and connect your television. It also gives you an overview of the socket panel.

We recommend that you follow the procedure described below when you set up your television:
– Unpack the television
– Consider the appropriate surroundings for your television
– Mount the television on the chosen stand or bracket
– Place the television
– Connect the cables, additional equipment, and speakers.

Set up your television

For information about how to fasten and run the cables on the rear of the television, refer to page 34.

For further information about the socket panel, refer to page 36.

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

Overview of socket panels
1 Cover for fastening bracket for the optional stand and wall bracket. Pull out at the bottom to remove the cover.
2 Main socket panel. Refer to page 36 for further information.
3 Cover for VGA socket for connection of a computer. Refer to page 12 for further information.
4 Cover for main socket panel. Pull out at the bottom to remove the cover.
5 Cover for optional card reader for access to DVB channels.
6 Cover for camera and headphones sockets. Push in to open, push again to close.
7 Cable groove. It is important that the cables are lead through the groove and tied with a cable tier, as the cables can otherwise be tugged free of the sockets. Refer to page 34 for further information.

If you have a motorised stand, leave enough space around the television to allow it to turn freely. The television can also be turned by hand.
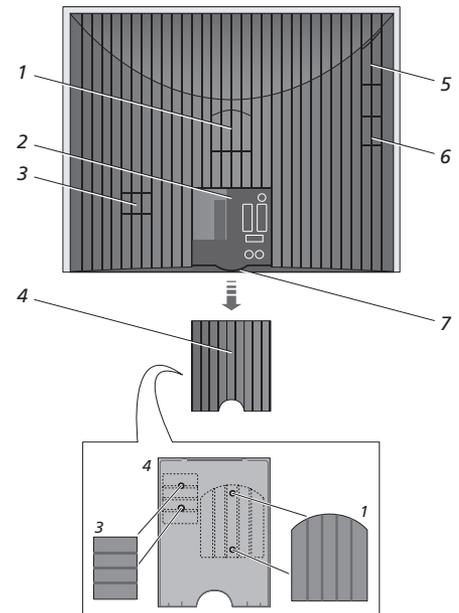
The covers shown (1 and 3) can be kept inside the cover of the main socket panel.

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.

If you mount the television on one of the motorised stands or on the wall bracket, you can tilt the television up and down, as well as turn it left and right. Note, however, that tilting can only be done manually.

While mounting the television on the base, stand or wall bracket, you can use the packaging to support the products. This makes mounting easier. For further information, refer to the Guide enclosed with these accessories.
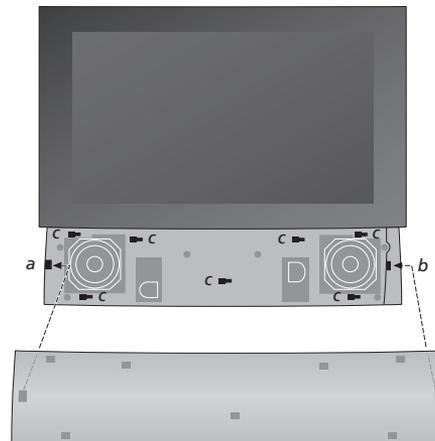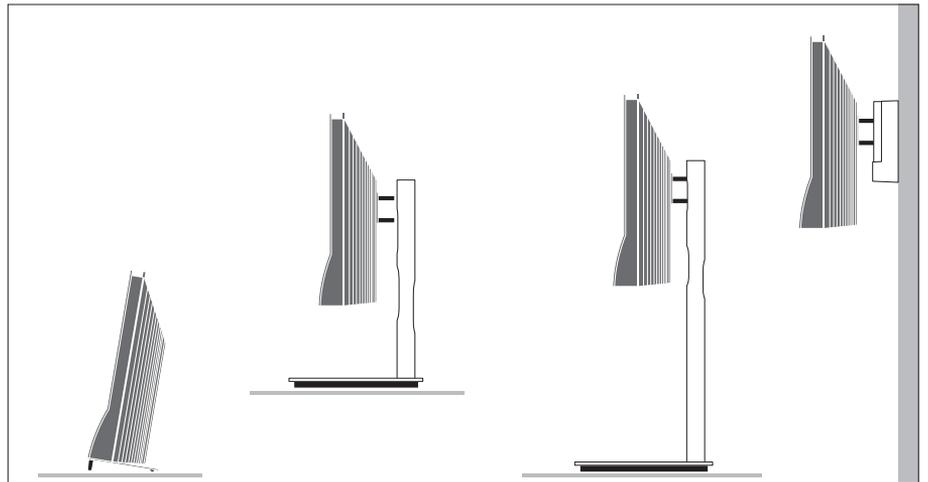
Attaching the speaker cover: *Hold up the speaker cover slightly to the right of the 'brackets' a and b. Now slide the cover to the left to let the 'attach-points' engage with the corresponding 'brackets' (a, b and c) on the television.*

To remove the cover; use your thumb to push the cover to the right to disengage it, then lift it out.

Aerial and mains connections

When you set the television up on its own, simply connect the TV aerial to the TV socket and connect the television to the mains as shown to the right.

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

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

TV IN
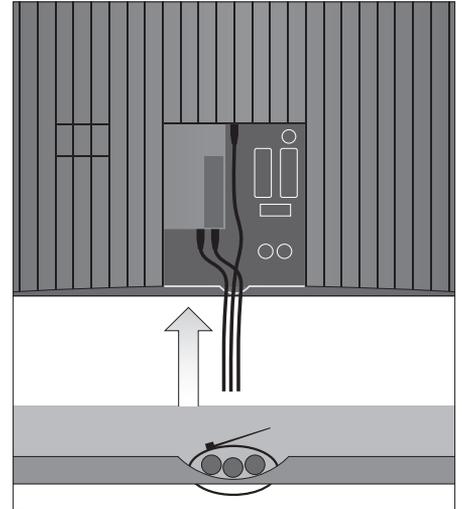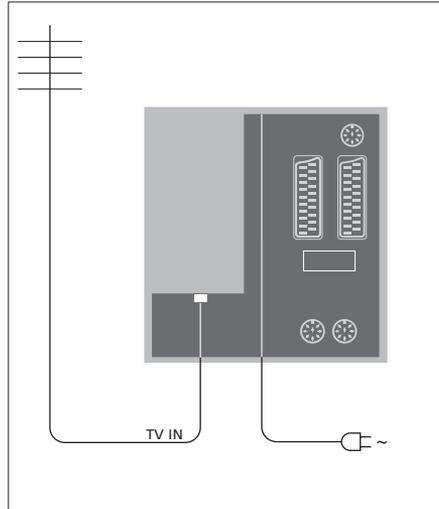
When connections are complete and the cables have been secured as described on this page, switch on the mains. A tiny, red light appears below the screen. The system is in standby mode and ready to be used. If your television is set up on its own, you can now tune in channels as explained in the chapter *'First-time setup of your television'* on page 16.

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

IMPORTANT! All the cables must be fastened to the television using the enclosed cable tier as shown.

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

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

Sockets for temporary connections

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

These sockets are for the connection of a Camcorder:
VIDEO
For the video signal.

R – L
For audio connection (right and left sound channel respectively).

Watch digital pictures on your television
To watch your camera pictures, connect the camera and switch the television on. The television auto-matically registers the signal and you can see the still pictures on the screen.

If the signal from the camera is switched off …
> Press LIST repeatedly to display CAMERA* on Beo4 and press GO.

CAMERA

PHONES
VIDEO
R
L
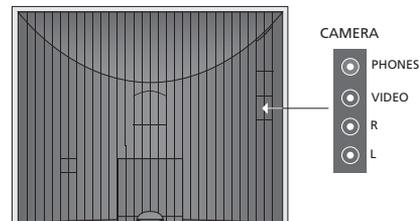
Watch and copy from a Camcorder
If you have connected a recorder to your television, and you connect your Camcorder, you can copy Camcorder recordings.

To copy a recording from a Camcorder …
> Connect your Camcorder and start playback on the Camcorder. The television automatically registers the signal and you can see the pictures on the television screen.
> Press RECORD twice to start recording. Only if you have a Bang & Olufsen recorder.

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

*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 Beo4.

Socket panel

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

The AV sockets are the primary sockets for connection of extra equipment. Any equipment you connect to these sockets must be registered in the CONNECTIONS menu. For further information, refer to the chapter *'First-time setup of your television'* on page 16.

You can also connect a computer and use your television as a monitor, refer to the chapter *'Use your television as a computer monitor'*.

Sockets on the rear panel

AV3
L
Left, line input signal (for sound from PC).
R
Right, line input signal (for sound from PC).

Y – Pb – Pr
For connection of external video equipment.

LINK TV
Aerial output socket for distribution of video signals to other rooms. Requires an RF Link Amplifier also.

~
Connections to the mains.

DVB IN
Aerial input socket from your DVB aerial. Only available if your television is equipped with the optional DVB module.

TV IN
Aerial input socket from your external aerial or cable TV network, or from your main room television if this television is placed in a link room.

STAND
For connection of a motorised stand.

AV2
21-pin socket for the AV connection of other equipment, such as a DVD player, a set-top box, a second decoder or a game console.

AV1
21-pin socket for the connection of a Bang & Olufsen recorder, a set-top box, a decoder or another recorder. You can also connect other types of extra equipment.
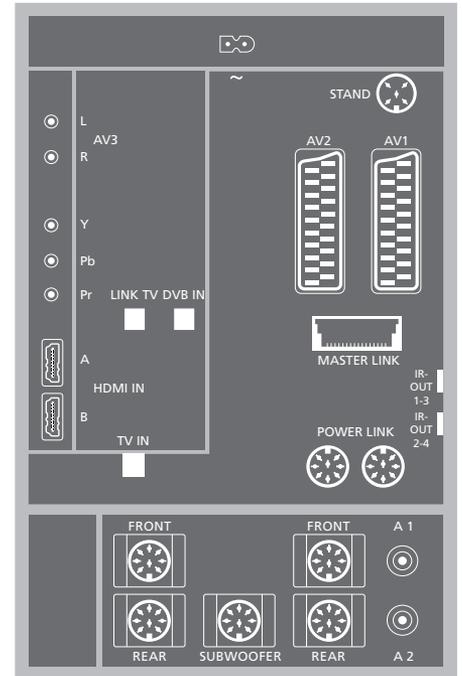
HDMI IN (A-B)
HDMI™ (High Definition Multimedia Interface) sockets for connection of an HDMI video source or a PC. Sources connected to these sockets can be registered to any of the AV sockets. If an HDMI Expander is connected, use the HDMI-B socket. Supported formats are:
VIDEO: 50 Hz: 576i, 576p, 720p, 1080i; 60 Hz: 480i, 480p, 720p and 1080i
PC: 60 Hz: 640 x 480, 800 x 600, 1024 x 768 and 1360 x 768

Smart Card reader and CA module

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

POWER LINK
For connection of external Bang & Olufsen loud-speakers. Only used if your television is not equipped with the optional surround sound module.

IR out 1-3, 2-4
For controlling a connected set-top box.

VGA
For connection of a PC. Supports the following resolutions: 60 Hz; 640 x 480,800 x 600, 1024 x 768, 1360 x 768 and 1280 x 720. For further information on use and placement, refer to pages 12 and 39.

The speaker and digital sockets mentioned below are only available, if your television is equipped with the optional surround sound module.

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

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

SUBWOOFER
Socket used for connecting a BeoLab subwoofer in a surround sound setup.

A1 – A2
For digital sound input from external equipment connected to an AV socket group.

SMARTCARD
For insertion of a card for access to digital channels.

CA
For insertion of a card and module for access to digital satellite channels.

The CA module has one protruding edge on one side and two protruding edges on the other side. The side with two edges should face upwards. When inserting a card the gold chip should face away from the screen.

For further information about compatible card and module combinations, contact your Bang & Olufsen retailer.
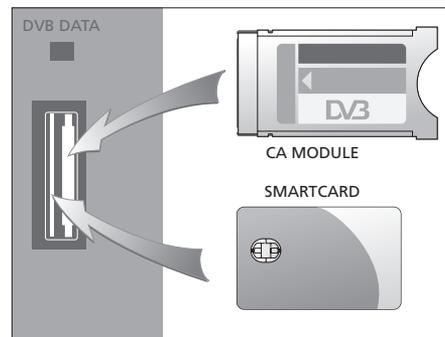
IMPORTANT! DVB DATA (the USB port) is for service use only.

If you have connected HD equipment to your television, some video functions are affected:
– If you have selected FORMAT 2 for letter-box pictures as described on page 9 in the Guide, you cannot scroll the picture up or down
– You cannot distribute sound or picture from a HD source to a product in a link room, unless your HD equipment also provides a Standard Definition (SD) signal
– You cannot record an HD source, unless your HD equipment also provides a Standard Definition (SD) signal.

Connect additional video equipment

The diagrams on these two pages outline how to set up the television with video sources and loudspeakers, and how to expand the setup, for example with a compatible Bang & Olufsen audio system, or with a computer.

Refer to *'Socket panel'* on page 36 for further information about each of the sockets.

Refer to *'Register additional video equipment'* on page 40 for further information about how to set up connected equipment for use.

DVB IN

TV IN

POWER LINK
SUBWOOFER

POWER LINK
FRONT

POWER LINK
REAR
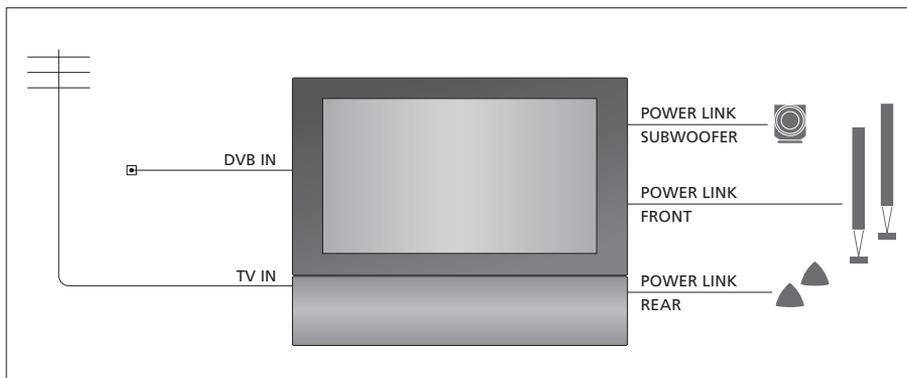
Video signals
Connect your video signal sources, such as cable or aerial to the sockets mentioned in the diagram.

Loudspeakers
The television has built-in loudspeakers. However, you can expand the system into a surround sound setup – including a subwoofer. Refer to '*Loud-speaker setup – surround sound*' on page 45 for further information.

Remember to set the L – R switch on each loud-speaker to L and R (the left and right sound channel respectively).

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

Equipment with HDMI™ input
Equipment with HDMI input can be connected to any of the HDMI sockets, regardless of the particular AV socket to which you have connected the equipment. If an HDMI Expander is connected , use the HDMI-B socket.
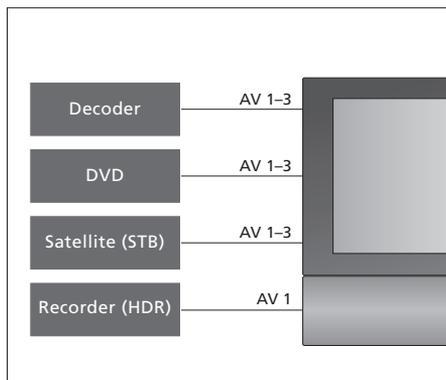
This diagram shows examples of additional video equipment that can be connected to the television at one time. If you have a Bang & Olufsen recorder, it must be connected to the AV1 socket.

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 one of the sockets marked IR-OUT on the socket panel.
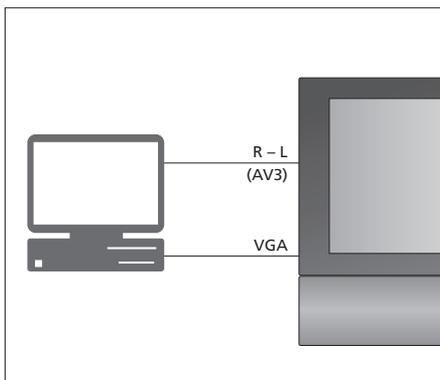
Computer

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

IMPORTANT! Disconnect the television, the computer, and all equipment connected to the computer from the mains, before you make the connections. Furthermore, the computer must be connected to a grounded wall outlet as specified in the computer's setting-up instructions!

Connect the computer's VGA output to the VGA input on the television. To hear sound from the computer in the television loudspeakers, connect the sound output to the AV3 R – L sockets on the television. Refer to '*Use your television as a computer monitor*' on page 12.
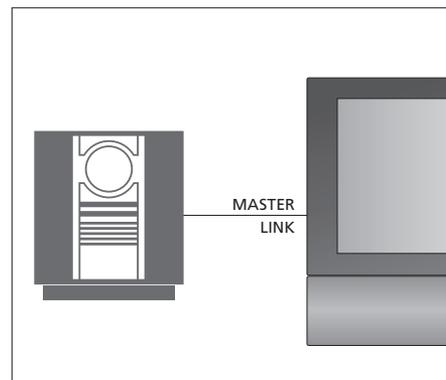
Audio system

If you have a Bang & Olufsen audio system with a Master Link socket, you can connect it to the television. Use a Master Link cable, and connect it to the Master Link socket. Refer to *'Connect and operate an audio system'* on page 48.

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

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

For information about where and how to connect extra equipment, refer to the previous pages and the chapter '*Socket panel'* on page 36.

What is connected?

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

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

TV SETUP	
CHANNEL GROUPS	
TUNING	
TIMER RECORDING	
PLAY TIMER	
OPTIONS	
STAND POSITIONS	
• CONNECTIONS	
TUNER SETUP	
SOUND	

OPTIONS	
CONNECTIONS	
TUNER SETUP	
SOUND	
PICTURE	
CLOCK	
MENU LANGUAGE	
• AV1	
AV2	
AV3	

select GO

CONNECTIONS	
AV1	V. MEM
AV2	NONE
AV3	NONE
CAMERA	NONE
HDMI EXPANDER	NONE
LINK	

store GO

AV 1	
SOURCE	V. MEM
IR SOCKET	NONE
HDTV	NO
S/P DIF	NONE

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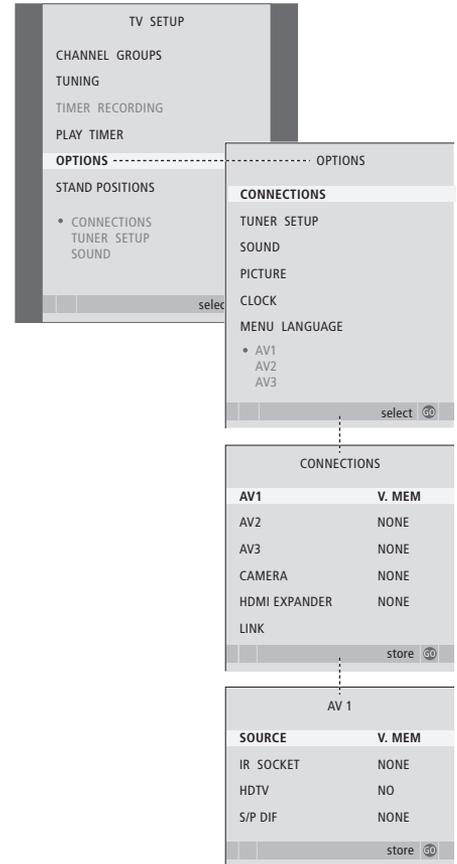
If, for some reason, you disconnect the extra equipment and then disconnect the television from the mains, you may have to register the equipment again upon reconnection, even if you have not changed your setup of extra equipment.

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

What's on the AV1 – AV3 menu …

SOURCE … Select the source you have connected to the AV socket. Options are:

NONE … If no equipment is connected.

V.MEM … If you have connected a Bang & Olufsen recorder or any other recorder. Only available in the AV1 – AV2 menu.

DVD … If you have connected a DVD player. Only available in the AV1 – AV2 menus.

DVD2 … If you have connected a DVD player. Only available in the AV1 – AV2 menus.

TV … For a connected TV tuner.

DTV … If you have the optional DVB module or if you have connected a set-top box registered as DTV.

DTV2 … If you have connected a set-top box registered as DTV2.

PC … If you have connected a PC.

DECODER … If you have connected a decoder. Only available in the AV2 menu.

V.AUX2 … If you have connected any other type of auxiliary equipment. Only available in the AV2 – AV3 menu.

IR SOCKET … Select which IR OUT socket you have used for the connected source. Options are NONE, IR-OUT 1, IR-OUT 2, IR-OUT 3 or IR-OUT 4.

HDTV … If the source connected to an AV socket delivers HDTV, select which socket is used for HDTV. Options are: NO, HDMI-A, HDMI-B*, YPbPr, and VGA.

S/P-DIF ... Indicates whether or not the equipment is connected to the television via one of the SPDIF sockets. Select the appropriate socket: A1 or A2.

If the HDMI EXPANDER is set to YES, the HDMI-B option is replaced with HDMI-B1, HDMI-B2, HDMI-B3 and HDMI-B4.

Automatic standby …

When you register a set-top box in the CONNECTIONS menu, you can also select a 'standby setting' 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 and off manually by means of the Beo4 remote control.


```
                    STB SETUP

        NOKIA  96025
        NOKIA  9820T
        NOKIA  9850T
        PACE  DTR730-IM
        SKY  DIGITAL
        SELECTOR
        CANALdig  DK/S/N
        MACAB  DCB-101
        TPS  96573D
        CANAL+  SAT r2
        Planet  PL 9000
        CANALdigital  I
        ECHOSTAR  9000
        CANALdigital  E
        TV  BOX 1000-S
        CANALdigital  NL
        NOKIA  D-BOX
        NOKIA  D-BOX II
        HUMAX  F1-VACI
        TechniBox  CAM1

                              store  GO
```

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

If your television is equipped with the optional surround sound module, you can create a surround sound setup.

Add four Power Link speakers and a BeoLab subwoofer to your setup 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.

Select speaker types

Connect the loudspeakers to the Power Link sockets on the television. Refer to the Guide enclosed with the loudspeakers for specific information about how to set them up.

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

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

SPEAKER TYPE	
FRONT	BEOLAB 8000
REAR	BEOLAB 6000
SUBWOOFER	YES
	store ⊙
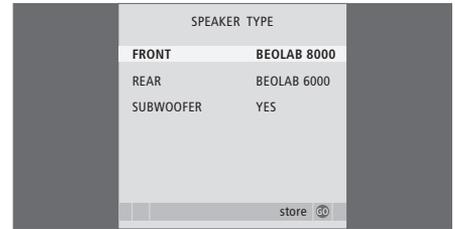
Always select your most powerful speakers as front speakers.

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

SPEAKER DISTANCE	
CENTRE	**1.0 M**
LEFT FRONT	1.0 M
RIGHT FRONT	1.0 M
RIGHT REAR	1.0 M
LEFT REAR	1.0 M
	store GO
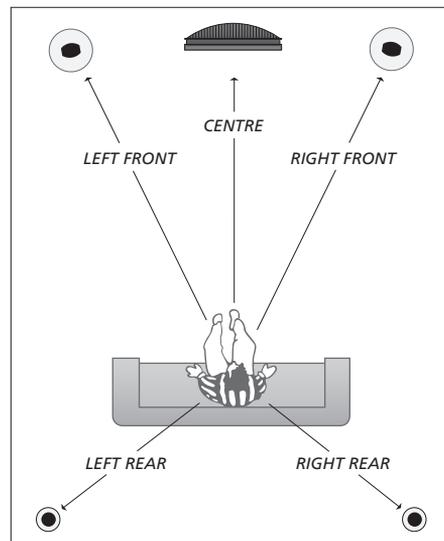
Calibrate the sound level

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

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

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

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

SPEAKER LEVEL	
SEQUENCE	**AUTOMATIC**
LEFT FRONT	. . . .
RIGHT FRONT	. . . .
RIGHT REAR	. . . .
LEFT REAR	. . . .
	store ⓖⓞ
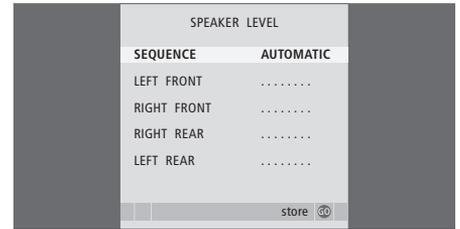
It is not necessary to calibrate subwoofer sound in a surround sound setup.

Choose a speaker combination

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

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

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

Speaker combinations
SPEAKER 1 … Sound in the centre speaker only.
SPEAKER 2 … Stereo sound in the front speakers. Subwoofers are active.
SPEAKER 3 … The centre speaker, the front speakers, and subwoofers are active.
SPEAKER 4 … The front speakers, surround speakers, and subwoofers are active.
SPEAKER 5 … Surround sound from all speakers and subwoofers. For programmes encoded in Surround Sound.
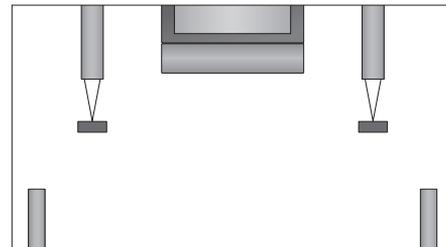
If you have connected only two external front speakers to the television, you can only choose SPEAKER 1–3.

See the name of the active sound system

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

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

```
                SOUND  SYSTEM

    MONO / STEREO




                                accept  ⊙
```

You can connect your Bang & Olufsen product in a BeoLink system. A complete BeoLink system enables you to distribute sound and picture from one central source throughout the house.

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

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

Not all Bang & Olufsen audio systems support integration with the television. Contact your Bang & Olufsen retailer for further information.

Connect your audio system

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

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

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

Option setting for the audio system
> 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**).

Option 2 *Option 0*
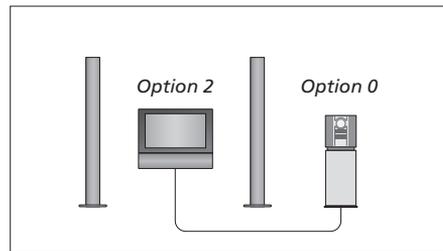
In one room – all speakers are connected to the television.

Option 1 *Option 1*
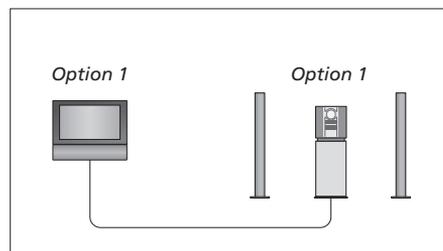
The television and audio system in the same room.

Option 2 *Option 2*
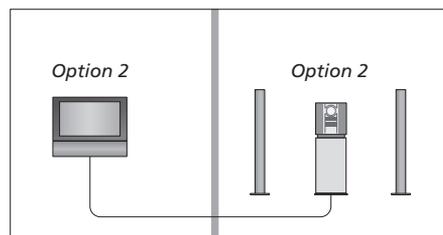
Audio system in one room, and the television in another.

Use an integrated audio/video system

If you integrate your audio system and your television, you can choose a speaker combination appropriate to the current video or audio programme, and also record video sound on the audio system.
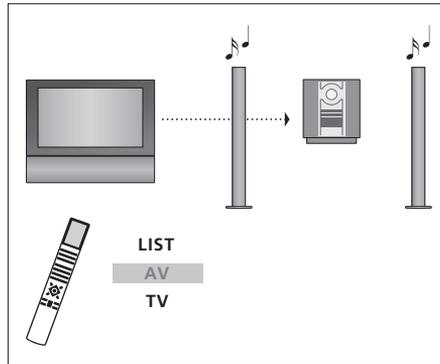
To listen to sound from a television source on your audio system speakers without switching on the screen, press LIST repeatedly to display AV* on Beo4, and then press a source button, such as TV.
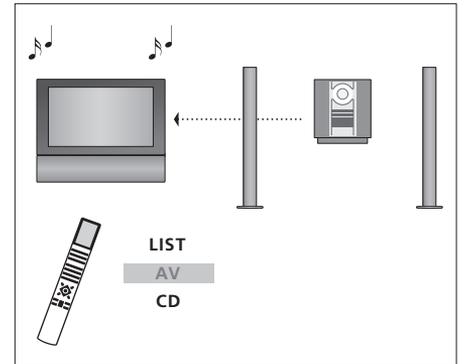
To listen to audio sound on the television speakers, press LIST repeatedly to display AV* on Beo4, and then press an audio source button, such as CD.
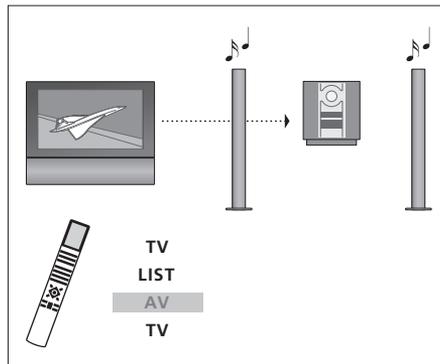
To listen to sound from the television on your audio system speakers with the screen switched on, press TV, press LIST repeatedly to display AV* on Beo4, and then press TV again.

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

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

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

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

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

Option setting

To set the link room television to the correct option
> While holding the • button, press **LIST**.
> Let go of both buttons.
> Press **LIST** repeatedly to display OPTION? on Beo4 and press **GO**.
> Press **LIST** repeatedly to display V.OPT on Beo4 and press **6***.

Main room	Link room
	*Option 6**
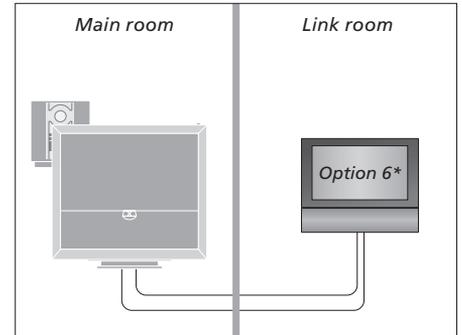
*If you connect the television for use in a link room where other link systems are already connected, such as speakers, you must set the television to Option 5 instead.

Link room operation

Use sources present only in one of the rooms …
> Press the button for the source you wish to use. Operate the selected source as usual.

Use a main room source – present in both rooms …
> Press LIST repeatedly on Beo4 until LINK* is shown in the display.
> Press the button for the source you wish to use. Operate the source as usual.

Use a link room source – present in both rooms …
> Press the button for the source you wish to use. Operate the source as usual.

Listen to stereo sound in your link room …
Usually sound distributed from a main room video source, such as a set-top box, to the link room is transmitted in mono. However, you can select stereo sound:
> Press TV or DTV to switch on the television.
> Press LIST repeatedly until AV* is shown in the Beo4 display.
> Press DTV to activate a source connected to the main room system, such as a set-top box.

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

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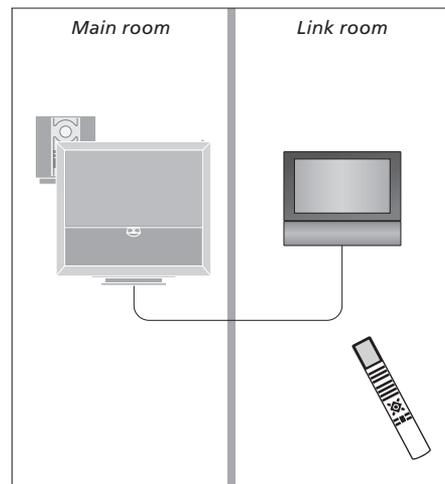
*NOTE! In order to display LINK and AV on Beo4, you must first add them to the Beo4 list of functions. For further information, refer to the Guide enclosed with Beo4.

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.

MASTER LINK

To the MASTER LINK socket on the link room system

TV IN   LINK TV OUT

Video signal distribution to link rooms

RF Link Amplifier
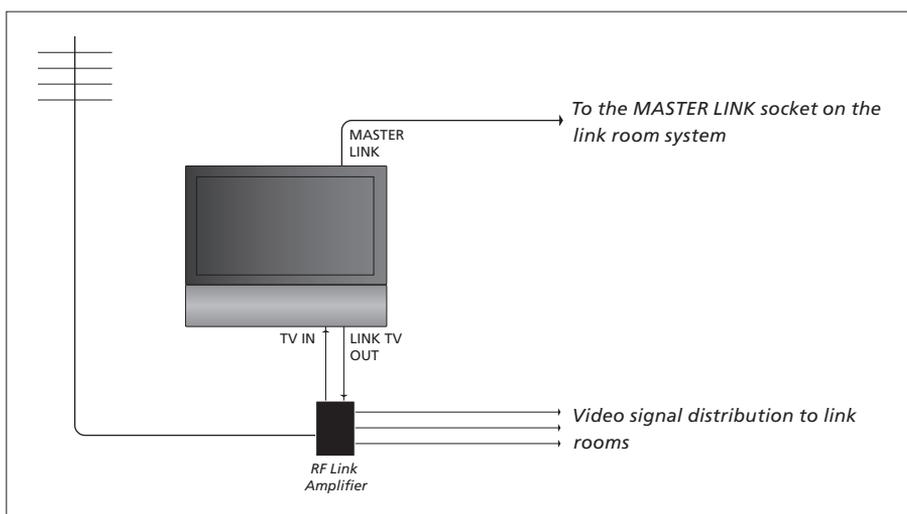
The main room system must be connected to the link room system with a Master Link cable.

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

If an audio system is already connected to the MASTER LINK socket and you wish to connect more equipment, then 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 cannot be distributed from a main room television to the link room system.

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

System modulator

If your link room is an audio setup, for example, a BeoLink Active/Passive, and you choose to set up a non-linkable TV in the same room, you must set the system modulator in the main room to ON. The factory setting is AUTO, which must be used if you use a linkable Bang & Olufsen TV.

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.
> Press **GO** to bring up the OPTIONS menu. CONNECTIONS is highlighted already.
> Press **GO** to bring up the CONNECTIONS menu and press ▼ to highlight LINK.
> Press **GO** to bring up the LINK menu, and press ▼ to highlight MODULATOR.
> Press ◀◀ or ▶▶ to reveal ON.
> Press **GO** to store the setting, or …
> … press **EXIT** to leave all menus without storing.

Link frequency

If, for example, a TV channel in your area is broadcasted on the same frequency as the BeoLink system uses, 599 MHz, you must tune the system modulator to an unused frequency. When you change the link frequency in the main room system, you may have to change the link frequency in the link room system accordingly.

To change the link frequency …
> Press **TV** to switch on the television.
> Press **MENU** to bring up the TV SETUP menu and press ▼ to highlight OPTIONS.
> Press **GO** to bring up the OPTIONS menu. CONNECTIONS is highlighted already.
> Press **GO** to bring up the CONNECTIONS menu and press ▼ to highlight LINK.
> Press **GO** to bring up the LINK menu, FREQUENCY is highlighted already.
> Press ◀◀ or ▶▶ or **0 – 9** to find an unused frequency.
> Press **GO** to store the setting, or …
> … press **EXIT** to leave all menus without storing.


```
          LINK  FREQUENCY

FREQUENCY          599

FINE  TUNE         0

MODULATOR          AUTO


                search ▶▶
                store  GO
```
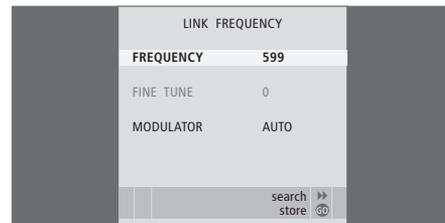
The MODULATOR menu is only available in the main room and the FINE TUNE menu is only available in the link room.

Two televisions in the same room

If you have placed your BeoVision 6 in a room where you already have a Bang & Olufsen television, and commands from Beo4 can be received by both televisions, you must change the option setting of BeoVision 6. This prevents simultaneous activation of both televisions.

One remote control for both televisions

For your television to function properly, it is essential that the television is set to the correct option.

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

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

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

*BeoVision 6
Option 4*

LIST

LINK

TV

TV
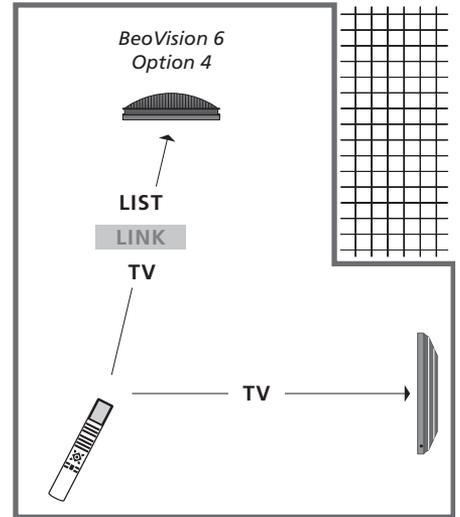
*In order to display LINK on Beo4, you must add it to the Beo4 list of functions.

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

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Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household wastage; all electrical and electronic equipment, parts and batteries must be collected and disposed of separately.
When disposing of electrical and electronic equipment and batteries by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources.

Collecting electrical and electronic equipment, batteries and waste prevents the potential contamination of nature with the hazardous substances which may be present in electrical and electronic products and equipment.
Your Bang & Olufsen retailer will advise you of the correct way of disposal in your country.

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

This product is in conformity with the provisions of the Directives 2004/108/EC and 2006/95/EC.

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

Til det norske marked!
Mekaniske og elektroniske komponenter i produktene slites ved bruk. Det må derfor påregnes reparasjoner og utskiftning av komponenter innen-for kjøpslovens reklamasjonstid, som må regnes som vedlikehold av produktene. Slik vedlikehold gir ikke grunnlag for å rette mangelskrav mot for-handler eller leverandør, og må bekostes av kjøper.

Apparater som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et koaksialbasert kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av apparater til kabel-TV nett installeres en galvanisk isolator mellom apparatet og kabel-TV nettet.

Til det svenske marked!
Apparater som är kopplade till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nätkan i vissa fall medföra risk för brand. För att undvika detta skall vid anslutning av apparaten till kabel-TV nät galvanisk isolator finnas mellan apparaten och kabel-TV nätet.

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