

Guide



An explanation of symbols in the Guide and Reference book

Buttons on the Beo4 remote control

TV LIST



Display on the Beo4 remote control

STORE

Display on the screen

TV 12

The Guide and the Reference book

This Guide contains all the information you need to get the full benefit of your product. The Reference book contains information about connecting and operating external equipment, as well as an overview of on-screen menus.

We expect your Bang & Olufsen retailer to deliver, install and set up your product. However, the information required to install and set up the product is included in the Guide and the Reference book. This is useful if you move your product or expand your system at a later date.

The Guide and the Reference book both contain an index which can help you find the specific subject you want to know more about.

Introducing your BeoSystem 1, 4

Find out how to use the Beo4 remote control and bring up the menus on the screen.

Daily use, 7

Find out all there is to know about the daily use of BeoSystem 1, including how to turn it into a Home Theatre for watching movies and how to use teletext functions.

Advanced operation, 15

All you need to know about using BeoSystem 1 beyond daily use, such as advanced teletext, set-top box operation, and the pincode system.

Tuning and preference settings, 25

Find out how to tune in channels. This chapter also contains information about settings for time, date, picture and sound.

Placement, connections and maintenance, 39

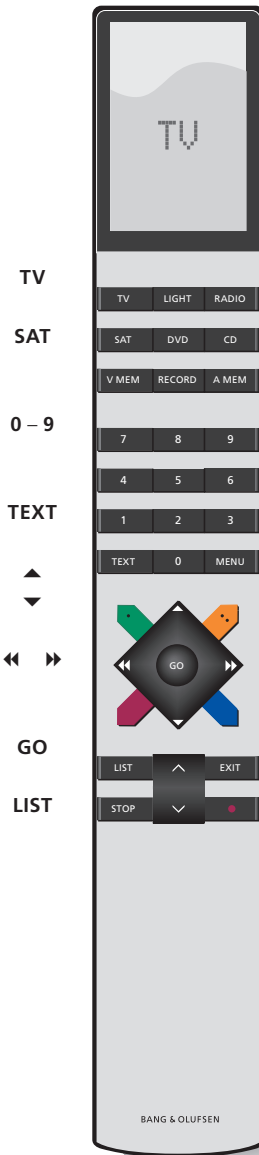
Find out how to handle and place your BeoSystem 1, connect additional video equipment, and where the sockets are placed.

Index, 51

Introducing BeoSystem 1 and Beo4

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

- Switch on BeoSystem 1
- Switch on a set-top box. Only available if a set-top box is connected and registered as STB (SAT)
- Select channels or teletext pages or enter data in on-screen menus
- Switch on teletext
- Step between channels and move through menu options
- Move the cursor from setting to setting in a fill-in menu
- Accept and store instructions or settings
- Reveal additional functions in the Beo4 display, such as FORMAT

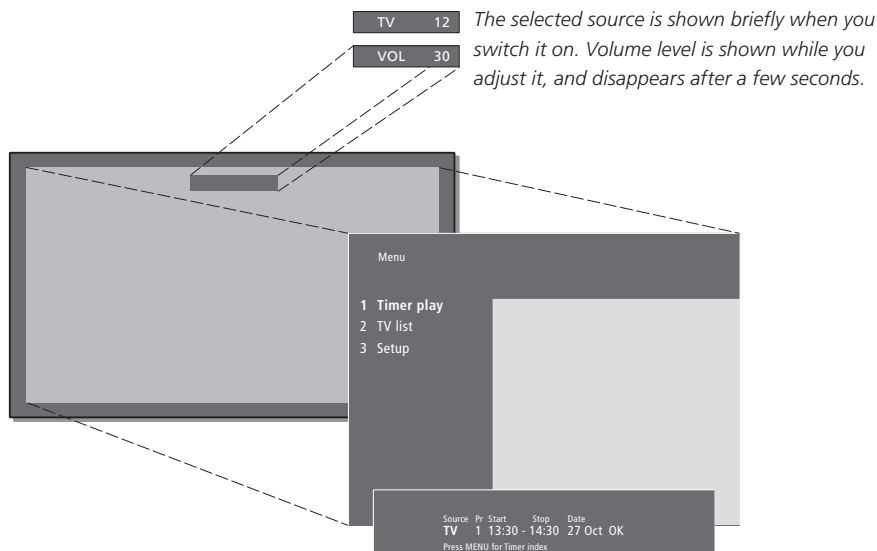


- TV** The Beo4 display shows the source you have selected, or extra functions available when you press the LIST button
- FORMAT**
- MENU** Bring up the main menu for access to a TV list, timed playback and timed standby, and setup options
- STOP** Press to go from one menu back to a previous menu
- EXIT** Exit all on-screen menus
- ^** Adjust sound volume; press in the middle to mute the sound
- ∨**
- Switch BeoSystem 1 to standby

For information on how to add extra functions to those shown in the Beo4 display, refer to the chapter 'Customise Beo4' on page 18 in the Reference book.

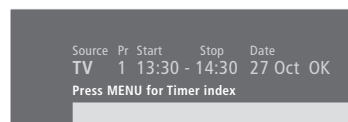
Displayed information and menus

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

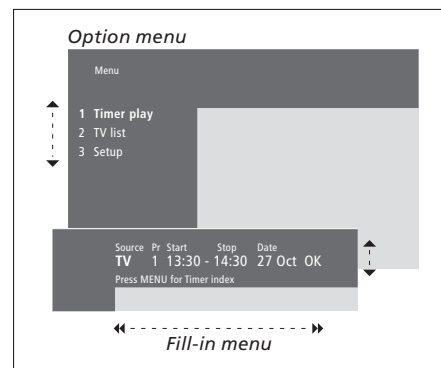


The selected source is shown briefly when you switch it on. Volume level is shown while you adjust it, and disappears after a few seconds.

On-screen menus give you either a vertical list of options to choose from or a horizontal list of settings to fill in.



You can choose whether or not you want the navigation cues in the menus to be shown. The function is activated from the factory, but you can choose to deactivate it. Bring up 'Menu' from the 'Setup' menu and choose 'On' to activate navigation cues or 'Off' to deactivate them.



How to use option menus...

- Press to switch on BeoSystem 1 **TV**
- Press to bring up the main menu **MENU**
- Press to move through the option menu and press GO to enter your choice, or... **▲ ▼ GO**
- ...use the number buttons on Beo4 to select a numbered option in a list **1 – 9**
- Press to go back to a previous menu **STOP**
- Press to exit all menus **EXIT**

How to use fill-in menus...

- Press to view options for a single setting in a fill-in menu **▲ ▼**
- Press to move from setting to setting **◀ ▶**
- Press the number buttons on Beo4 to enter settings **0 – 9**
- Press to store a setting you have made **GO**
- Press to go back to a previous menu **STOP**
- Press to leave all menus **EXIT**

This chapter contains information about the basic functions of your BeoSystem 1.

For information about more advanced operation, timed playback and standby, and the use of the pincode system refer to the chapter '*Advanced operation*' on page 15.

Watch TV, 8

- Select a TV channel
- Bring up a TV list
- Adjust or mute the volume
- Change sound type or language

Home Theatre, 10

- Select speakers for movie sound
- Make the picture fill out the screen

Teletext, 12

- Basic teletext functions
- Store favourite pages
- Day-to-day use of memory pages
- Activate subtitles from teletext

See two sources at the same time, 14

Watch TV

Choose a TV channel by its number and switch to another channel or source. Bring up a list of TV channels on the screen, adjust the sound volume or change the sound type or language.

Select a TV channel

When you switch BeoSystem 1 on, the last channel viewed appears on the screen.

Press to switch on BeoSystem 1 **TV**
TV 2

Press a channel number to go directly to that channel **0 – 9**

Press to change channels one by one **▲**
▼

Press to swap between the current and the previous TV channel **0**

Press to switch BeoSystem 1 to standby **•**

You can change source at any time without switching BeoSystem 1 off first. Press for example DVD, if available in your system.

Bring up a TV list

All your TV channels appear on a list, which you can bring up on the screen. The list contains channel numbers and names, and can contain up to 99 TV channels.

Press to switch on BeoSystem 1 **TV**
TV 2

Press and hold to bring up a TV list on the screen **GO**

Press to view the previous or following page of the TV list **◀ ▶**

To select a channel, enter the channel number, or... **0 – 9**

...press until the desired channel is highlighted **▲**
▼

Press to switch on the chosen channel **GO**

Press to leave the menu **EXIT**

You can also bring up the TV list by pressing MENU to bring up the main menu, and then 2 to select the TV list.

Adjust or mute the volume

You can adjust or mute the sound at any time.



The TV channel list. Dotted lines indicate that a channel has been stored, but not named. An empty slot in the list indicates that no channel has been stored.

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



Press in the middle of the button to mute the sound

Press either end of the button to bring the sound back



Prolonged listening at high volume can cause hearing damage!

Change sound type or language

The names of the various types of sound available are shown in the display as you proceed.

Press repeatedly to display SOUND on Beo4

LIST

SOUND

Press to bring up the current sound type in the display

GO

STEREO

Press repeatedly to switch to another sound type or language in a multi-language programme

GO

GO

Press to exit the SOUND function

EXIT

In order to display SOUND on Beo4, you must first add it to the Beo4 list of functions. Refer to the chapter 'Customise Beo4' on page 18 in the Reference book.

You can store your favourite sound type when tuning in your TV channels. For further information, refer to the chapter 'Edit tuned TV channels' on page 28.

Home Theatre

You can extend your system into a fully equipped Home Theatre by connecting four Bang & Olufsen loudspeakers and a BeoLab 2 subwoofer*.

When you switch on one of the sources in BeoSystem 1, speakers in a surround sound system can be cut in or out, depending on what kind of sound suits the source you are using.

BeoSystem 1 may switch on a speaker combination automatically. This happens if a broadcasted programme contains information about the number of speakers to be switched on. However, you are still free to choose the speaker combination you prefer.

With Beo4, you can choose the picture format you prefer for movie viewing, and switch between two connected screens.

Select speakers for movie sound

You can select the speaker combination that suits the source you are using, provided that the various sound modes are available in your system.

Press repeatedly to display SPEAKER on Beo4

Press the number of the speaker combination you want. The selected speakers cut in automatically

Press to adjust the balance between the front and rear speakers

Press to adjust the balance between the left and right speakers

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

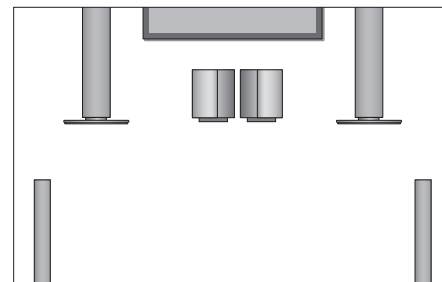
LIST

SPEAKER

1 – 5



EXIT



Speaker combinations

SPEAKER 1

Sound in the centre speakers only.

SPEAKER 2

Stereo sound in the two front speakers. The BeoLab 2 subwoofer is active.

SPEAKER 3

The centre speakers, front speakers and the BeoLab 2 subwoofer are active.

SPEAKER 4

Enhanced stereo sound in the front and rear speakers. The BeoLab 2 subwoofer is active.

SPEAKER 5

Surround sound from all speakers including the BeoLab 2 subwoofer. For programmes encoded in Surround Sound.

If you have connected only two front speakers to BeoSystem 1, you will only be able to choose SPEAKER 1–3.

*NOTE! For further information on how to connect speakers to BeoSystem 1, refer to the chapter 'Loudspeaker connections – surround sound' on page 4 in the Reference book.

Make the picture fill out the screen

BeoSystem 1 always ensures you the best possible picture. It automatically adapts the picture so that it fills out as much of the screen as possible. However, you can still choose the format you prefer. When you select a format yourself, the automatic format selection is deactivated.

Press repeatedly to display
FORMAT on Beo4

LIST

FORMAT

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

GO

...press the number of the
desired picture format

0 – 3

If you have chosen Format 1...

Press ◀ or ▶ to select variations
of this format

◀ ▶

If you have chosen Format 2...

Press ▲ or ▼ to move the
picture up and down

▲

▼

Press to leave the FORMAT
function

EXIT

Picture formats to choose from

FORMAT 0... For setups with two screens. Moves the picture from, for example, a plasma screen onto a larger projector screen, or vice versa. BeoSystem 1 switches the picture and the display information concerning the current source to the selected screen.

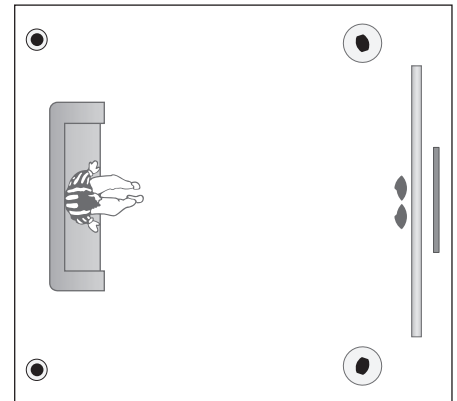
FORMAT 1... For standard TV pictures. Two variations are available: 15:9 and Panoramic view (for the largest picture).

FORMAT 2... For letter-box pictures. When you select FORMAT 2, the picture is automatically adjusted vertically. This ensures that channel names or subtitles – if these appear in the broadcasted picture – can be seen.

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

Switch between two screens

If you have connected two screens to BeoSystem 1 at the same time, such as a plasma screen and a projector screen for Home Theatre use, you can switch between these at any time by selecting FORMAT 0 on Beo4.



If you have a home automation system connected, the screen, lights and curtains can be equally adjusted when you choose FORMAT 0 and switch to the Home Theatre setup. For information about how to connect BeoSystem 1 to a home automation system, refer to the chapter 'Connect a screen to BeoSystem 1' on page 42.

Teletext

If you select a channel and the broadcaster offers a teletext service, BeoSystem 1 gives you access to teletext pages and any subpages linked to the pages.

To make your favourite teletext pages appear first when you bring up teletext, store them as memory pages.

When you store the teletext subtitles page as memory page number four, you can activate subtitles for that particular channel automatically.

Basic teletext functions

You can find information on teletext pages in three steps: switch on the teletext service, read the index page to find the desired page number, and call up the desired page.

Press to bring up the teletext index page **TEXT**

Press the number of a teletext page you want to see **0 – 9**

Press to move to the previous or following page **▲**
▼

If the current page contains subpages, you can press STOP to pause subpage turning **STOP**

To view a particular subpage, enter the four-digit number of the desired page, or press **▲** or **▼** to step to the page **0 – 9**
▲
▼

Press again to resume subpage turning **STOP**

Press to leave teletext and return to the channel you were watching **EXIT**

Store favourite teletext pages

Four memory pages are available for each channel's teletext service.

Press to bring up teletext **TEXT**

Press the number buttons, or **▲** **0 – 9**
or **▼** to go to a page you refer to often **▲**
▼

Press repeatedly to display STORE on Beo4 **LIST**
STORE

Press to select the current page for storing **GO**

Enter the number of the memory page you want to use **1 – 4**

Press to store the page as a memory page, or... **GO**

...press to exit the STORE function and return to teletext without storing **EXIT**

Note that set-top box teletext pages can be viewed, but not stored as memory pages!

NOTE! If BeoSystem 1 is linked via a Master Link cable to another television, stored memory pages are not shared among these televisions. Memory pages must be stored on each television.

Day-to-day use of memory pages

You may wish to refer to your teletext memory pages quickly, for example, if you are leaving for work and wish to check traffic information on a teletext service.

Press to switch on a TV channel which offers a teletext service **TV**

Press to switch on teletext. The page stored as memory page 1 appears automatically **TEXT**

Press to view the other memory pages **◀ ▶**

To view stored memory pages from another channel's teletext service...

Press to return to channel viewing **EXIT**

Press the channel number, **▲** or **▼** to change channels **0 – 9**

Press to bring up teletext **TEXT**

Activate subtitles from teletext

You can activate subtitles for a channel, if that channel offers teletext subtitles. The teletext subtitles page number can often be found in an index on teletext page 100.

Press to bring up teletext **TEXT**

Press the number buttons or **▲** **0 – 9** **▲** **▼** to locate the teletext subtitles page. Subtitles appear on the screen

Press to cancel subtitles **EXIT**

To store subtitles permanently from the teletext subtitles page...

Press repeatedly to display **LIST** **STORE** STORE on Beo4

Press to select the page **GO**

Press to store the subtitles page as memory page number 4 **4**

Press to return to TV viewing **TV**

To cancel stored subtitles, simply store another teletext page as memory page number 4.



A typical teletext page. The current page number, channel name, date and time appear at the top of the screen, as well as a three-digit number showing the progress of the page search function.

See two sources at the same time

Your Beo4 remote control gives you access to a dual-screen function for viewing two video sources at the same time. For example, you can view a videotape playback and a TV programme at the same time, provided that the selected sources are available in your system.

While watching a programme or recording, you can divide the screen between the current programme or recording (picture A in the second illustration) and a new programme or recording (picture B). You can also swap the two pictures at any time. The sound always follows picture A.

Volume adjustment with Beo4 always affects picture A, while other Beo4 operations, such as selecting channels, affect picture B. Choosing a new source cancels dual-screen viewing.

While watching, for example, TV...

Press repeatedly to display P-IN-P* on Beo4

Press, for example, V TAPE to select a source to view on the right side of the screen (B)

Press 0 to swap the left picture and right picture

To leave the dual-screen function...

Press to leave the function and return to normal TV viewing

Pressing TEXT on Beo4 cancels dual-screen viewing and attempts to access teletext for the source shown in picture A. If there is no teletext service available for this source, the screen turns blank.

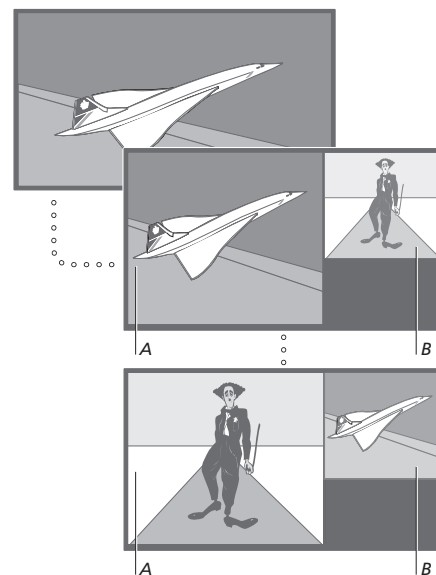
LIST

P-IN-P

V TAPE

0

TV



To view a source registered in the 'Connections' menu as V.AUX, such as a set-top box, press LIST repeatedly until P-V.AUX is shown in the Beo4 display instead.*

*In order to display P-IN-P or P-V.AUX on Beo4, you must add them to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 18 in the Reference book.

Find out how to operate BeoSystem 1 beyond daily use.

This is also the chapter that informs you of how to operate a connected set-top box.

Advanced teletext functions, 16

- Extra teletext functions
- See updated teletext pages
- Go directly to a page via Fasttext

Make BeoSystem 1 start and stop automatically, 18

- Timed play and timed standby
- Timed play via teletext
- To activate the timed play function
- View, edit or delete a Timer

Set-top box operation, 20

- Universal Beo4 operation
- Use the set-top box's own menu
- Set-top Box Controller menu
- Use a set-top box in a link room

The pincode system, 22

- Activate the pincode system
- Change or delete your pincode
- Use your pincode
- Did you forget your pincode?

Advanced teletext functions

BeoSystem 1 supports three extra teletext functions: text enlargement for easy reading, placement of a teletext page over a TV picture, and display of hidden text, such as the answer to a quiz or joke.

BeoSystem 1 can also notify you when a desired page has been found or updated. This is useful, for example, if you want to see the latest news headlines while watching TV.

If your teletext broadcaster offers a Fastext service, you can use the coloured buttons on Beo4 to step to one of four linked teletext pages.

Basic teletext functions are described on page 12.

Extra teletext functions

While using teletext, you can enlarge the text, place the teletext page over the TV picture or reveal hidden text.

To enlarge the screen text size...

Press repeatedly to display **LIST**
LARGE on Beo4 **LARGE**

Press to activate – the upper half of the page is shown **GO**

Press to view the lower half **GO**

Press to restore the normal text size **GO**

To keep the TV picture in teletext...

Press repeatedly to display **LIST**
MIX on Beo4 **MIX**

Press to superimpose the teletext page on the TV picture **GO**

Press to remove the TV picture **GO**

To reveal hidden text...

Press repeatedly to display **LIST**
REVEAL on Beo4 **REVEAL**

Press to activate – if there is concealed text on that page, it becomes visible **GO**

Press to remove the revealed text **GO**

See updated teletext pages

BeoSystem 1 supports the page update function, provided by some teletext broadcasters to announce that a teletext page has been updated.

Bring up the relevant teletext page...

Press repeatedly to display **LIST**
UPDATE on Beo4 **UPDATE**

Press to activate **GO**

When the page is found, FOUND appears on the screen **FOUND**

When the page has been updated, UPDATE appears on the screen **UPDATE**

Press to bring up the located or updated page **GO**

Press to leave teletext **EXIT**

The function is cancelled when you change channels.

Go directly to a page via Fasttext

Some teletext broadcasters offer a Fasttext service that enables you to step directly to one of four linked teletext pages.

While the TV is switched on...

Press to bring up teletext

TEXT

Press to find a Fasttext page, or...



...enter the page number using the number buttons

0 – 9

Press one of the coloured buttons on Beo4 to gain access to the Fasttext function. The titles of the four linked pages appear at the top of the screen



Press the coloured button which corresponds to the linked page you wish to see



Press to leave Fasttext and return to normal teletext viewing, or...

TEXT

...press to leave teletext

EXIT



A teletext page with the colour bar at the top right indicating that it is a Fasttext page.



The titles of the four linked pages appear at the top of the activated Fasttext page, each with their own colour.

NOTE! For information about presetting recordings from teletext pages, refer to your video tape recorder's own Guide.

Make your BeoSystem 1 start and stop automatically

You can use the timed play function if there is a programme you do not want to miss, or if you want a morning wake-up call. Use timed standby, for example, to make BeoSystem 1 switch off automatically when you leave for work in the morning.

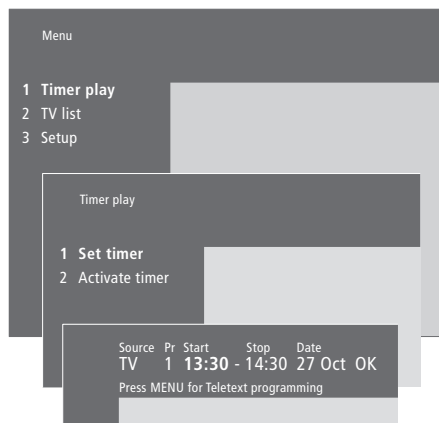
Enter as many as eight Timer settings, and view all the Timer settings you have entered. From this list, you can edit or delete your Timer settings.

If your BeoSystem 1 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.

If you wish to enter Timer settings, make sure 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 37.

Timed play and timed standby

You can preset Beosystem 1 to start and stop automatically on a specific date and time, or at the same time and day every week.



The system writes:

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

Mon...	Monday
Tue...	Tuesday
Wed...	Wednesday
Thu...	Thursday
Fri...	Friday
Sat...	Saturday
Sun...	Sunday

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

- > Press **MENU** to bring up the main menu.
- > Press **GO** to bring up the *Timer play* menu.
- > Press **GO** to bring up the *Set Timer* menu.
- > Press **◀** or **▶** to move through menu items.
- > Press **▲** or **▼** to choose options for a menu item. For example, set *Source* (source) to *Standby* if you want to switch BeoSystem 1 to standby, or *TV* if you want to view a TV channel at a specific time.
- > Press the number buttons to fill in e.g. a channel number or start and stop times.
- > If you want to set Timers for certain days of the week, press **▶** to highlight *Date* and then press **MENU** to change *Date* to *Days*. Select the specific weekday(s) on which you want your Timer executed. All the weekdays are displayed – starting with *M* for Monday. Press **▶** to move through the days and press **▼** to remove any day you do not want. When the weekday(s) you want are displayed, press **GO**. *OK* is then highlighted.
- > When you have filled in the required information, press **GO** to store your Timer settings, or...
- > ...press **EXIT** to leave all menus without storing.

NOTE! If BeoSystem 1 is set up in a link room, Timer programming must be carried out via your main room system.

Timed play via teletext

It is also possible to program timed play settings via teletext.

To enter timed play settings via teletext...

- > Press **MENU** while *Start* (start) is highlighted to bring up teletext.
- > Enter the number of the teletext page you want.
- > When the page is found, press **MENU** to make a timed play programming. A cursor highlights the first start time on the list.
- > Press **▲** or **▼** to move the cursor to the programme you wish to make a timed play for.
- > Press **GO** to accept the start time.
- > Press **▲** or **▼** to move to the stop time you want, and press **GO** to accept it.
- > A line appears on top of the teletext page listing the start and stop time, followed by 'OK?'.
> Press **GO** to store your timed play settings.

To activate the timed play function

You must activate the timed play function in order for your Timers to be executed.

To activate the timed play function...

- > Press **MENU** to bring up the main menu.
- > Press **GO** to bring up the *Timer play* menu.
- > Press **2** to bring up the *Activate Timer* menu.
- > Press **▲** or **▼** to reveal *Yes*. To switch off the Timer play function, select *No* instead.
- > Press **GO** to store your timed play settings, or...
- > ...press **EXIT** to leave all menus without storing.

If you connect a Bang & Olufsen audio or video product to BeoSystem 1 with a Master Link cable, you can exclude or include it in timed functions via the *Timer play* menu. For example, set BeoSystem 1 Timer to *Yes* and the audio system Timer to *OFF* if you wish timed functions to apply only to BeoSystem 1.

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.

View, edit or delete a Timer

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

To view, edit or delete your Timer settings...

- > Press **MENU** while *Source* (source) or *Pr* (program) is highlighted in the *Set Timer* menu to bring up a current Timer index of previously entered Timer settings.
- > Press **▼** or **▲** to move through the list to a setting you wish to edit or delete.
- > To edit a setting, press **GO** and follow the procedure described earlier.
- > To be able to delete a setting, press **MENU**. The date is replaced by *Clear?*
- > Press **GO** to delete the setting, or **EXIT** to keep it.

Set-top box operation

The built-in Set-top Box Controller acts as an interpreter between the set-top box of your choice and the Beo4 remote control. When a set-top box is connected, you can use the Beo4 remote control to gain access to the programmes and functions offered by the set-top box.

For further information about how to connect and register a set-top box, refer to the chapter 'Connect additional equipment' on page 44 and the chapter 'Register and use additional video equipment' on page 32.

Universal Beo4 operation

If you know which Beo4 button activates the function you want, you can bring up the function without activating the Set-top Box Controller menu first.

While your set-top box is activated...

Press GO and then the number button that activates the function you want

GO
0 – 9

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

GO
▲
▼

Press and hold GO to bring up the Program guide or the 'Now/Next' banner on the screen depending on your set-top box

GO

Use the set-top box's own menu

Once you have activated your set-top box, you can operate the set-top box's own menus, such as the Program Guide, via Beo4.

While the set-top box's own menu is shown...

Moves the cursor up or down

▲
▼

Moves the cursor

◀ ▶

Selects and activates a function

GO
GO

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

GO
◀ ▶

Exits menus, or returns to a previous menu

STOP

Exits menus, enters or exits different modes, such as radio

EXIT

Use the coloured buttons as indicated in the menus of your set-top box

■ ■ ■ ■

When set-top box is selected as source, press MENU twice to bring up the BeoSystem 1 main menu.

Set-top Box Controller menu

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

If your set-top box is registered as STB (SAT)...

Press to switch on the set-top box

SAT

If your set-top box is registered as STB (V.AUX)...

Press repeatedly to display V.AUX on Beo4

LIST

V.AUX

Press to switch on the set-top box

GO

Then,

Press to bring up the Set-top Box Controller menu

MENU

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

1 – 9

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



Use a set-top box in a link room

When your set-top box is connected to the television in the main room, you can operate the set-top box from the link room television. However, the Set-top Box Controller menu cannot be displayed on the television screen in the link room.

If your set-top box is registered as STB (SAT)...

Press to switch on the set-top box in the main room

SAT

If your set-top box is registered as STB (V.AUX)...

Press repeatedly to display V.AUX on Beo4

LIST

V.AUX

Press to switch on the set-top box in the main room

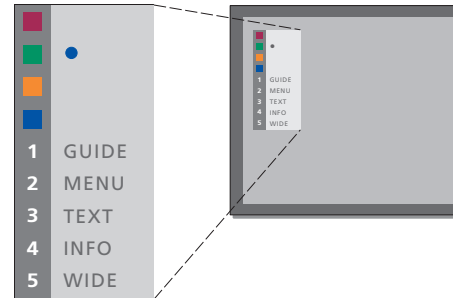
GO

Press to select a function, and...
...press the number button that activates the function you want

GO

1 – 9

Press one of the coloured buttons to activate a function



Example of a Set-top Box Controller menu – The Beo4 buttons are shown to the left on the menu and the set-top box buttons are shown to the right.

The pincode system

You choose whether or not to activate the pincode system. The pincode system is deactivated when you delete your pincode.

The pincode system is intended to make normal use of BeoSystem 1 impossible for someone who does not know the pincode.

When BeoSystem 1 has been disconnected from the mains for 15–30 minutes, the pincode system goes into effect.

When reconnected and switched on, BeoSystem 1 automatically switches itself off after four minutes. Entering the pincode returns BeoSystem 1 to normal.

Should you lose or forget your code, contact your Bang & Olufsen retailer to receive a mastercode which disables your pincode.

Activate the pincode system



While the TV is switched on...

Press to bring up the main menu **MENU**

Press **◀◀** twice, followed by **STOP**. The *Pincode* menu appears on the screen

Use the number buttons on Beo4 to enter the four digits of your code **0 – 9**

Press to move the cursor to *Confirm pincode* when you have entered your code once **▶▶**

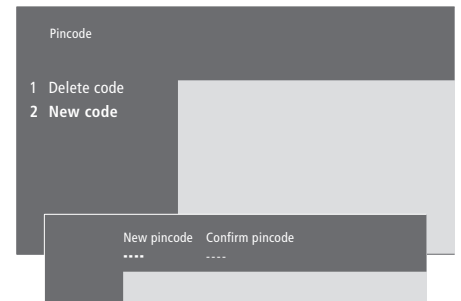
Re-enter the code. If the two codes are not identical, the input fields are cleared and you must enter the code again **0 – 9**

Press to store the code **GO**

To cancel a code entry...

Press to cancel a code entry, and the input fields are cleared **STOP**

Change or delete your pincode



While the TV is switched on...

Press to bring up the main menu **MENU**

Press **◀◀** twice, followed by **STOP**. BeoSystem 1 prompts you for your pincode **STOP**

Enter your pincode **0 – 9**

If the code is incorrect, the input fields are cleared and you must enter the code again **PIN**

When you have entered your code, the *Pincode* menu prompts you to delete your code or enter a new code **PIN**

Press 1 to delete your code, or 2 to enter a new code **1**
2

Enter the new code **0 – 9**

Press to move the cursor to *Confirm pincode*, when you have entered your new code once **▶▶**

Re-enter the new code

Press to store the new code **GO**

To cancel a pincode entry...

Press to cancel a code entry, and the input fields are cleared **STOP**

NOTE! You can change your pincode up to five times within a three-hour period.

Use your pincode

If BeoSystem 1 has been disconnected from the mains for 15–30 minutes, BeoSystem 1 prompts you for the pincode when you switch it on. If you do not enter the pincode, BeoSystem 1 switches to standby after approximately 4 minutes.

When BeoSystem 1 is switched on...

BeoSystem 1 prompts you for your pincode

PIN _ _ _ _ _

Enter your pincode

0 – 9

PIN * * _ _ _

BeoSystem 1 restarts when the last digit is entered

PIN * * * * *

If an incorrect code is entered, ERROR is shown. Re-enter the code

ERROR

PIN _ _ _ _ _

To cancel a code entry...

Press to cancel a code entry, and the input fields are cleared

STOP

Five incorrect entries cause BeoSystem 1 to shut down for three hours, during which time operation is not possible.

Approximately 20 seconds before the system automatically switches to standby, it cannot be operated by remote control. Therefore, it is not possible to enter a pincode during this time.

Did you forget your pincode?

Contact a Bang & Olufsen retailer to receive a five-digit mastercode.

When you have received a mastercode...

When BeoSystem 1 prompts you for your pincode, press and hold ◀◀ to bring up the mastercode display

PIN _ _ _ _ _

◀◀

PIN _ _ _ _ _

Entering this five-digit code deactivates your pincode and reactivates BeoSystem 1. DELETED is displayed

0 – 9

DELETED

To use the pincode system again...

Follow the procedure for activating the pincode system

This chapter informs you how to tune in and add new TV channels and make adjustments to TV channels and how to make your own settings for picture and sound.

For information about setting up your television and connecting additional video equipment, refer to the chapter '*Placement, connections and maintenance*' on page 39.

Tune in TV channels, 26

- Find available channels
- Add new channels

Edit tuned TV channels, 28

- Adjust tuned TV channels
- Move tuned channels
- Name tuned channels
- Delete tuned channels

Register and use additional video equipment, 32

- What is connected?
- Choose a set-top box
- Get access to additional video equipment

Adjust picture and sound settings, 34

- Adjust colour, brilliance or contrast
- Adjust volume, bass, treble or loudness

See the name of the active sound system, 36

Set the time and date, 37

Tune in TV channels

You can make BeoSystem 1 find your TV channels for you.

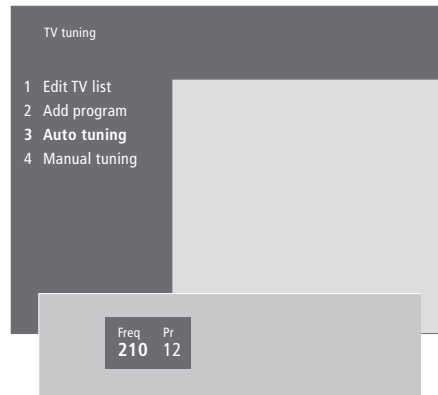
Preset up to 99 different TV channels on channel numbers of their own and give each channel a distinct name.

You can tune in new channels or re-tune previously deleted channels.

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

Find available channels

When you set up BeoSystem 1 for the first time, you can tune in the TV channels that are available in your area via the *TV tuning* menu. BeoSystem 1 finds available channels and stores them by number and name.

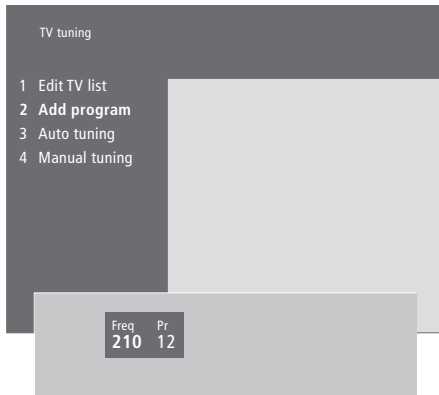


- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** again to bring up the *TV tuning* menu.
- > Press **3** to bring up the *Auto tuning* menu. The *Freq* (frequency) and *Pr* (program) fields are shown.
- > Press **▲** to start automatic tuning. The content of the frequency and program fields show your progress.

When tuning is completed, you can rearrange, delete or rename channels from a TV list. This list also appears if you press STOP during auto tuning. For information about editing the TV list, refer to the chapter 'Edit tuned TV channels' on page 28.

Add new channels

You can add new or previously deleted TV channels to your TV list at any time using the *'Add program'* menu.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** again to bring up the *TV tuning* menu.
- > Press **2** to bring up the *Add program* menu.
- > Press **▲** to start adding new channels. The *Freq* (frequency) and *Pr* (program) fields show tuning progress.
- > Press **STOP** to stop adding channels. You can then move, rename or delete channels from a list, as described in the chapter *'Edit tuned TV channels'* on page 28.
- > Press **EXIT** when your channels have been tuned in, named and placed in the order you choose.

Edit tuned TV channels

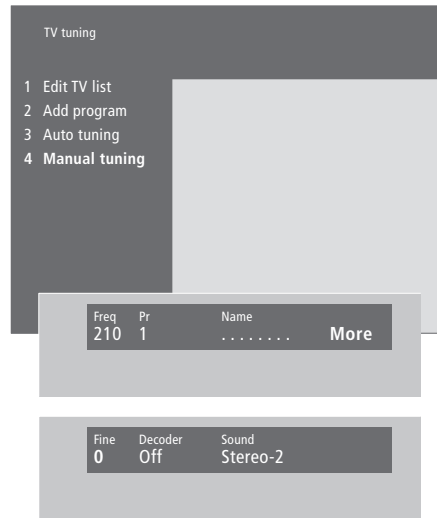
You can make adjustments to your tuned TV channels at any time, or tune in channels not stored during auto tuning.

You can also enter settings before you tune in channels. These may include choosing a broadcast system for certain types of channels, or setting up a connected decoder to be switched on automatically whenever a coded channel is switched on.

In addition, you can edit your list of channels by renaming channels, moving them around in the list, or deleting all your unwanted channels from the TV list, thereby reducing the time you spend changing channels.

Adjust tuned TV channels

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



If the item 'System' appears on the menu, then make sure that the correct broadcast system is displayed before you start tuning:

- B/G... for PAL/SECAM B/G
- I... for PAL I
- L... for SECAM L
- M... for NTSC M
- D/K... for PAL/SECAM D/K

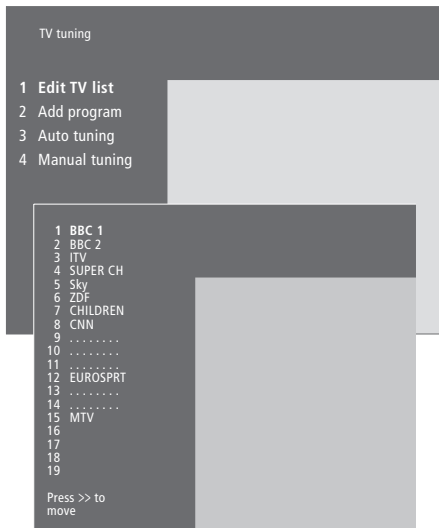
All options may not be available, as this depends on the television type.

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

- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** again to bring up the *TV tuning* menu.
- > Press **4** to bring up the *Manual tuning* menu.
- > Press **◀** or **▶** to move between items on the menu and **▲** or **▼** to view your choices for each item. Pressing **▲** when the cursor is placed on *Freq* (frequency) starts automatic search for a channel. Numeric values can be entered using the number buttons on Beo4. When entering names, press **▲** or **▼** to reveal the character you want. Then press **▶** to move to the next character position.
- > To view more options, press **▶** to move the cursor to *More* and press **GO**. If you set the item *Decoder* to *On*, *Dec1* or *Dec2*, you can return to the previous menu to start tuning in coded channels by pressing **GO**.
- > When a channel is tuned in, you can also select the sound system you want; press **▲** or **▼** to switch between the sound modes currently transmitted or fine tune the channel.
- > Press **GO** when you have entered your settings, or...
- > ...press **EXIT** to leave all menus without storing.

Move tuned channels

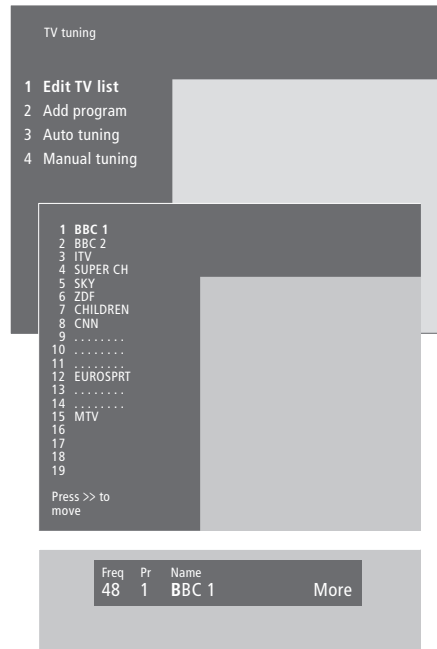
You can rearrange the order in which your channels appear when you switch channels, as well as in the on-screen TV list.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** again to bring up the *TV tuning* menu.
- > Press **GO** to bring up the *Edit TV list* menu.
- > Press **▼** or **▲** to move through your list of channels.
- > When you find a channel you wish to move, press **▶▶** to move it out of the list.
- > Press **▼** or **▲** to move the channel to its new location, or press the number of the new location.
- > Press **◀◀** to move the channel back into the list. If it changes places with another channel, this channel is moved out of the list and can be placed elsewhere.
- > When you have moved your channels, press **EXIT** to leave all menus.

Name tuned channels

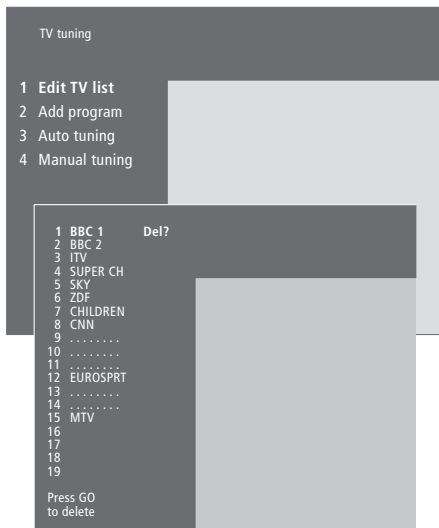
BeoSystem 1 automatically names your tuned channels during auto tuning, if possible, but you can rename your channels at any time.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** again to bring up the *TV tuning* menu.
- > Press **GO** to bring up the *Edit TV list* menu.
- > Press **▼** or **▲** to move through your list of channels.
- > When you have found a channel you wish to name, press **GO**. The cursor is located on the first character in the channel name.
- > Press **◀** or **▶** to move between characters, and **▲** or **▼** to choose characters.
- > Press **GO** to store a name and return to the list, or...
- > ...press **STOP** to return to the list without storing the name.
- > Press **EXIT** to leave all menus.

Delete tuned channels

You can remove all your unwanted tuned channels from the TV list.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **GO** to bring up the *Tuning* menu.
- > Press **GO** to bring up the *Edit TV list* menu.
- > Press **▼** or **▲** to move through your list of channels.
- > When you have found a channel you wish to delete, press **MENU**. *Del?* appears next to the channel name.
- > Press **GO** to delete the channel, or...
- > ...press **STOP** to return to the list without deleting the channel.
- > Press **EXIT** to leave all menus.

Register and use additional video equipment

If you connect additional video sources or equipment to BeoSystem 1, you must register the equipment in the *Connections* menu.

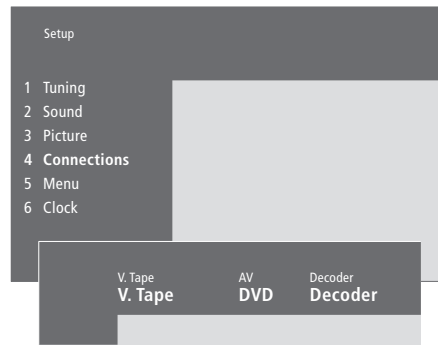
The settings you select in the *Connections* menu tell BeoSystem 1 what is connected.

For information about where and how to connect extra equipment, refer to the chapters '*Connect additional equipment*' on page 44 as well as '*Socket panels*' on page 45.

When your additional video equipment has been connected and registered in the *Connections* menu, as described, you can operate it with the Beo4 remote control.

What is connected?

Registering the equipment connected to BeoSystem 1 enables you to activate it with the Beo4 remote control.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **4** to bring up the *Connections* menu.
- > Press **▶** to select a socket.
- > Press **▲** or **▼** to step through the list of available equipment types until you find what you have connected. Select *None* if nothing is connected.
- > When you have selected your equipment types, press **GO** to store your settings, or...
- > ...press **EXIT** to leave all menus without storing.

Equipment you can connect to each socket

V.Tape

- V.Tape*... for a Bang & Olufsen video tape recorder
- DVD*... for a DVD player
- STB (SAT), STB (V.AUX)*... for a set-top box*
- None*... if nothing is connected

AV

- DVD*... for a DVD player
- STB (SAT), STB (V.AUX)*... for a set-top box*
- V.AUX*... for other equipment
- Non B&O V.Tape2*... for a non-Bang & Olufsen video tape recorder
- V.Tape2*... for a Bang & Olufsen video tape recorder
- S-VHS V.TP2*... for a Super-VHS video tape recorder
- Decoder(2)*... for a second decoder – Connect your primary decoder to the DECODER socket
- None*... if nothing is connected

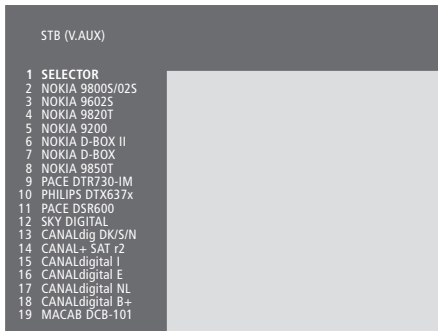
Decoder

- Decoder(1)*... for a primary decoder or expander box
- STB (SAT), STB (V.AUX)*... for a set-top box*
- V.AUX*... for other non-Bang & Olufsen equipment
- Non B&O V.Tape2*... for a non-Bang & Olufsen video tape recorder
- None*... if nothing is connected

*NOTE: Choose STB (SAT) for a primary set-top box and STB (V.AUX) for a secondary set-top box.

Choose a set-top box

A list of set-top boxes to choose from appears when you register a set-top box in the *Connections* menu.



When the set-top box list appears...

- > Press **▼** to move down the list.
- > Press **GO** to select your STB type.

If all sockets are in use, you can connect a second set-top box to the Camcorder socket. Refer to the chapter 'Connect a set-top box or decoder' on page 8 in the Reference book for further information.

Get access to additional video equipment

Some of the connected equipment is accessible via the Beo4 remote control.

Press to switch on a video tape recorder **V TAPE**

Press repeatedly to display V.TAPE2 on Beo4 **LIST**
V.TAPE2

Press to switch on a second video tape recorder **GO**

Press repeatedly to display V.AUX on Beo4 **LIST**
V.AUX

Press to switch on a source registered as V.AUX, such as a set-top box **GO**

In order to display V.AUX or V.TAPE2 on Beo4, you must add them to the Beo4 list of functions. Refer to the chapter 'Customise Beo4' on page 18 in the Reference book for further information.

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 brilliance, colour or contrast. Sound settings include volume, bass, treble and loudness. You can also adjust subwoofer level, if BeoLab 2 is part of your setup.

Store your picture and sound settings temporarily – until BeoSystem 1 is switched off – or store them permanently.

For information about how to change the picture format, refer to the chapter 'Home Theatre' on page 10.

Change brilliance, colour or contrast

Adjust the picture settings via the *Picture* menu. Temporary settings are cancelled when you switch off BeoSystem 1.



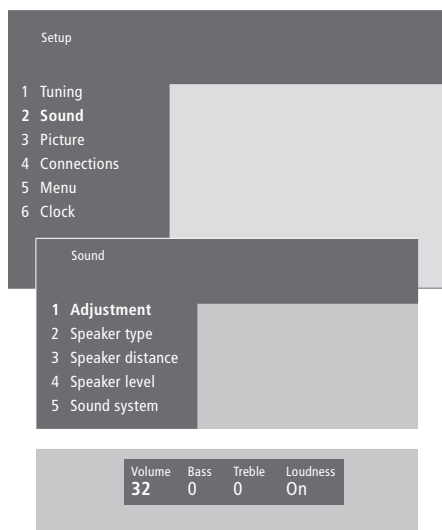
To change brilliance, colour or contrast...

- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **3** to bring up the *Picture* menu.
- > Press **◀** or **▶** to move between the items on the menu.
- > Press **▲** or **▼** to adjust the settings for each item.
- > Press **EXIT** to store your settings until you switch off BeoSystem 1, or...
- > ...press **GO** to store your settings permanently.

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

Change volume, bass, treble or loudness

You can adjust sound volume, select a speaker combination or adjust the speaker balance directly on Beo4 at any time without bringing up a menu, but you must bring up the *Sound* menu in order to be able to adjust bass, treble or loudness.



To change volume, bass, treble or loudness...

- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **2** to bring up the *Sound** menu.
- > Press **GO** to bring up the *Adjustment* menu.
- > Press **◀** or **▶** to move between menu items.
- > Press **▲** or **▼** to adjust the settings for each item.
- > Press **EXIT** to store your settings until you switch off BeoSystem 1, or...
- > ...press **GO** to store your settings permanently.

The content of the 'Sound' menu depends on how many speakers are connected to BeoSystem 1.

*NOTE! The *Sound* menu lets you calibrate your surround sound speaker setup permanently. For further information, refer to the chapter '*Loudspeaker connections – surround sound*' on page 4 in the Reference book.

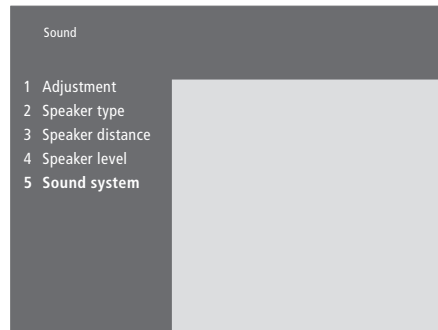
See the name of the active sound system

The surround sound module in your television allows you to see which active sound system is currently playing on the source or programme you are watching.

The sound system is an integrated part of a programme or, for example, a DVD disc. Therefore, as the sound system is distributed to you from the broadcaster, you can not preset a sound system in this menu.

A given sound system signal may automatically switch on the speaker combination considered optimal for the specific sound system. You can always choose to disregard such automatic change in speaker combination. For further information, refer to the chapter *'Home Theatre'* on page 10.

Sound systems that can appear in the menu are: Dolby Digital, Dolby Surround Pro Logic, Dolby 3 Stereo, Dolby Digital + Dolby Surround Pro Logic, Mono/Stereo and DTS Digital Surround.



- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **2** to bring up the *Sound* menu.
- > Press **5** to bring up the *Sound system* menu. The current sound system is shown. Mono/Stereo appears if Dolby sound is not active.
- > Press **EXIT** to exit all menus.

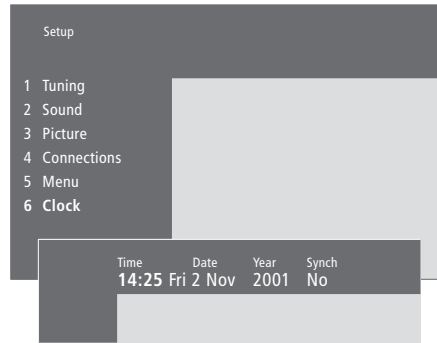
Set the time and date

BeoSystem 1 has a built-in 24-hour clock.

When you preset BeoSystem 1 to switch itself on or off at a particular time, or when you preset a timed recording of a programme on a connected BeoCord V 8000 video tape 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.

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



Abbreviations for month and day of the week

<i>Jan...</i>	January	<i>Jul...</i>	July
<i>Feb...</i>	February	<i>Aug...</i>	August
<i>Mar...</i>	March	<i>Sep...</i>	September
<i>Apr...</i>	April	<i>Oct...</i>	October
<i>May...</i>	May	<i>Nov...</i>	November
<i>Jun...</i>	June	<i>Dec...</i>	December

<i>Mon...</i>	Monday
<i>Tue...</i>	Tuesday
<i>Wed...</i>	Wednesday
<i>Thu...</i>	Thursday
<i>Fri...</i>	Friday
<i>Sat...</i>	Saturday
<i>Sun...</i>	Sunday

To set the time and date...

- > Press **MENU** to bring up the main menu.
- > Press **3** to bring up the *Setup* menu.
- > Press **6** to bring up the *Clock* menu. *Time* is already highlighted. It is only necessary to enter the time manually if *Synch* is set to *No*.
- > Enter the time by pressing the number buttons on your Beo4 remote control.
- > Press **◀** or **▶** to move through menu items.
- > Press **▲** or **▼** to see your options for a menu item. Select the current channel by pressing **▲** or **▼** until the channel name is shown.
- > Press **GO** to store your clock and calendar settings, or...
- >...press **EXIT** to leave 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.

In this chapter, you can find out how to place, connect and maintain BeoSystem 1. It also gives you an overview of the socket panels.

We recommend that you follow the procedure described below when you set up BeoSystem 1:

- Unpack and place BeoSystem 1 as described on the following pages
- Consider the appropriate surroundings for BeoSystem 1
Guidelines are included on the next page
- Mount the IR receiver
- Mount the screen
- Connect the cables, additional equipment, and speakers as described on the following pages.

Set up BeoSystem 1, 40

- Place BeoSystem 1 in your home
- Overview of socket and connection panels
- Connect the IR receiver
- Connect a screen to BeoSystem 1
- Aerial and mains connection

Connect additional equipment, 44

- Audio master
- AV 2 Expander
- Set-top box
- Decoder
- Video tape recorder
- DVD player
- Game console, Camcorder, etc.

Socket panels, 45

- AV and aerial socket panel
- Speaker and digital input socket panel
- Additional sockets

Close-up socket panel, 48

- The close-up socket panel
- Watch Camcorder via BeoSystem 1
- Copy from a Camcorder

Maintenance of BeoSystem 1, 49

- Cleaning surfaces...
- Cleaning the Beo4
- Changing the batteries...

Set up BeoSystem 1

We recommend that you follow the procedure described below when you set up BeoSystem 1:

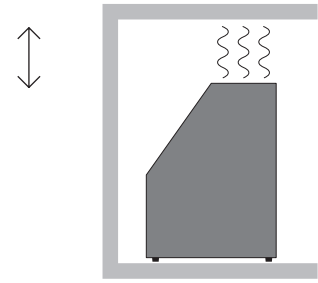
- Unpack and place BeoSystem 1 as described on the following pages
- Consider the appropriate surroundings for BeoSystem 1
Guidelines are included on this page
- Mount the IR receiver
- Mount the screen
- Connect the cables, additional equipment, and speakers as described on the following pages.

Do not connect BeoSystem 1 to the mains until you have connected your screen, loudspeakers and other equipment to BeoSystem 1!

For further information about the close-up socket panel, refer to the chapter 'Close-up socket panel' on page 48.

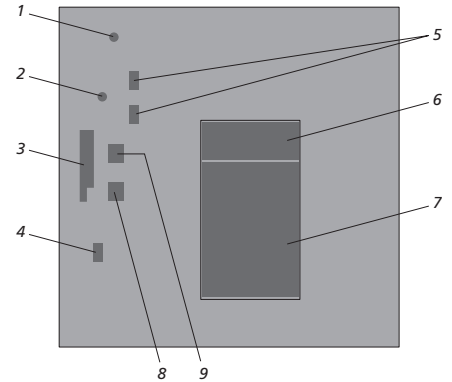
Place BeoSystem 1 in your home

- Make sure that BeoSystem 1 is set up, placed and connected in accordance with this Guide.
- BeoSystem 1 is developed for indoor use in dry, domestic environments only, and for use within a temperature range of 10–40°C (50–105°F).
- Do not place any items on top of BeoSystem 1.
- To ensure proper ventilation, allow for at least 5 centimetres (2") of space at the sides of BeoSystem 1 and 10 centimetres (4") above it.
- Always place BeoSystem 1 on a firm and stable surface.
- Do not attempt to open BeoSystem 1. Leave such operations to qualified service personnel.



Overview of sockets

- 1 Mains switch
- 2 IR receiver socket
- 3 Close-up socket panel
- 4 Mains connection
- 5 Projector and plasma screen socket area
- 6 Speaker and digital input socket panel
- 7 AV and aerial socket panel
- 8 Fan socket
- 9 0/12 V control socket

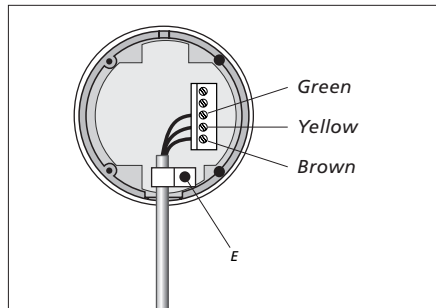


Refer to the chapter 'Socket panels' on page 45 for further information about the sockets.

Connect the IR receiver

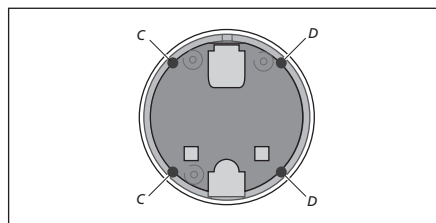
To facilitate remote control operation of BeoSystem 1 and all connected equipment, you must connect the IR receiver to BeoSystem 1.

The IR receiver is a kind of 'eye' which is capable of receiving signals from your Beo4 remote control and sending them to BeoSystem 1. BeoSystem 1 then sends the appropriate control signals to your screen, projector or other connected equipment.



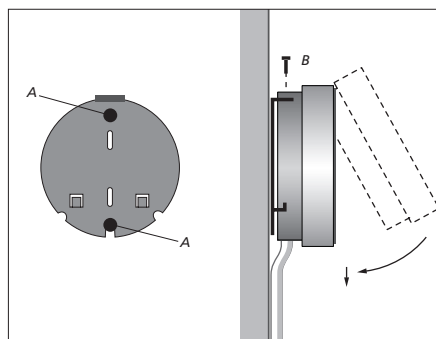
To connect the IR receiver...

- > Detach the IR receiver's rear cover (unscrew the two (C) screws and loosen the two (D) screws, then lift off the cover).
- > Cut the included cable to the required length and strip the cable.
- > Insert the cable end through the cable clamp (E) and connect the leads to the terminals inside the receiver in the order indicated. Tighten the clamp.
- > Attach the rear cover and fasten the IR receiver to the wall as described below.
- > Connect the cable to the IR RECEIVER socket on BeoSystem 1.



To fasten the IR receiver to the wall...

- > Using the wall bracket as a template, mark and drill two holes in the wall.
- > Using the two screws and wall plugs supplied (A), fasten the wall bracket to the wall.
- > When you have mounted the receiver cable as described above, hang the receiver on the wall bracket and secure it with screw (B).
- > Fasten the cable to the wall and run it to BeoSystem 1.



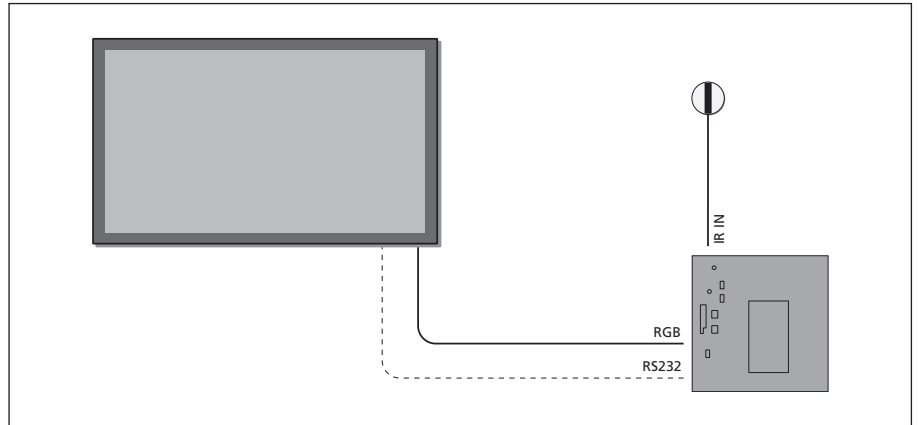
Connect a screen to BeoSystem 1

BeoSystem 1 is intended for use with a plasma screen. However, it also supports the use of a front projector, rear projector, or LCD screen. You can also connect a home automation system to BeoSystem 1, and thereby control room lights and curtains when BeoSystem 1 is switched off.

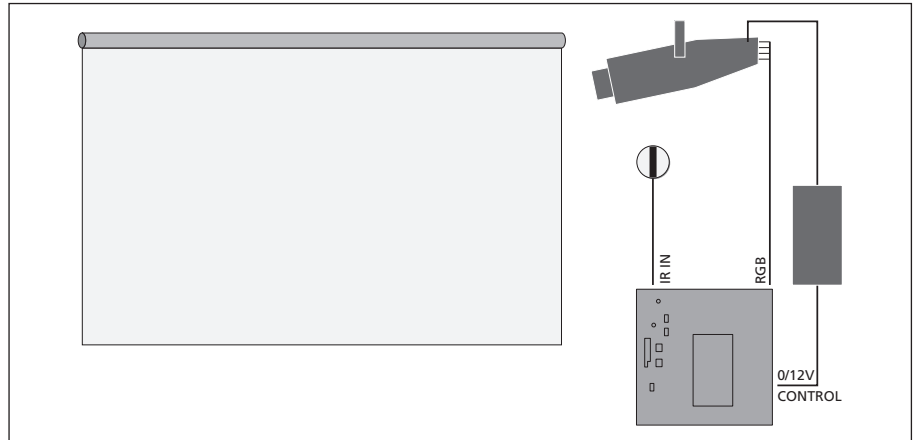
IMPORTANT! The screen you connect to BeoSystem 1 must be compatible with 50 Hz input!

The diagrams show examples of BeoSystem 1 in setups with, respectively, a plasma screen/LCD screen, a projector and a home automation system. More than one screen type can be connected at one time.

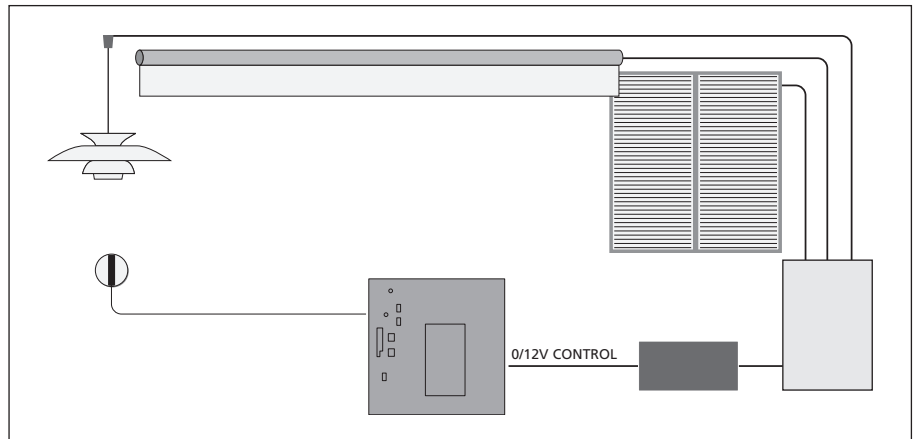
The diagrams are provided as examples, and therefore may not apply to your particular screen. Your installer should set up your screen and connect it to BeoSystem 1.



BeoSystem 1 connected to a plasma screen or LCD screen.



BeoSystem 1 connected to a projector.



BeoSystem 1 connected to a home automation system. It is only possible to connect a home automation system in a setup with a front or rear projector.

Aerial and mains connection

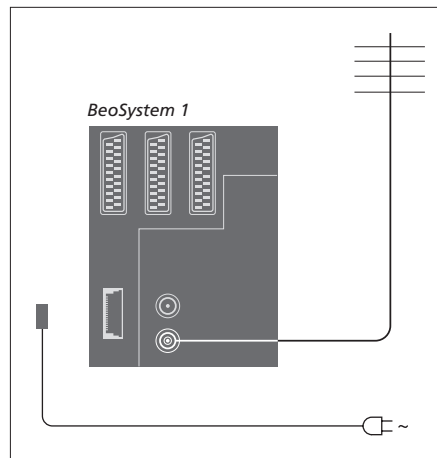
When you set BeoSystem 1 up on its own, simply connect the aerial to the socket marked VHF/UHF on BeoSystem 1 and connect BeoSystem 1 to the mains.

If you have not yet connected speakers, or you wish to connect any other equipment to BeoSystem 1, do not connect to the mains yet!

When connections are complete...

Connect BeoSystem 1 to the mains and switch on the mains switch on the back of BeoSystem 1. The system is in standby mode and ready to be used. If BeoSystem 1 is set up on its own, you can now begin tuning in channels, as explained in *'Tune in TV channels'* on page 26.

BeoSystem 1 was designed to be left in standby mode when not in use. Therefore, to facilitate remote control operation, it is essential that you leave the mains switch on.



Connect additional equipment

You can connect different types of audio and video equipment to BeoSystem 1, such as a video tape recorder, set-top box or Camcorder.

Audio equipment is connected through the Master Link socket.

When connecting video equipment to BeoSystem 1, remember to use the AV socket on BeoSystem 1 first, if it is vacant. Should you require further information about connections, refer to the Reference book.

Refer to the guides included with your additional equipment to make sure it is connected properly.

Remember to register all connected equipment. For further information refer to the chapter *'Register and use additional video equipment'* on page 32.

Audio Master

Using a BeoLink cable, connect the one multi-pin plug to the socket marked MASTER LINK on BeoSystem 1, and the other multi-pin plug to the socket marked MASTER LINK on the audio system.

AV 2 Expander

The optional AV 2 Expander accessory is a SCART expander for connection of non-Bang & Olufsen equipment, such as decoders, game consoles, and cameras to the DECODER socket on BeoSystem 1. Use a 21-pin cable to connect one plug to the socket marked TV on the Expander box, and connect the other plug to the socket marked DECODER on BeoSystem 1. Remote control operation of equipment connected via the AV 2 Expander is not possible.

Set-top box

Use the 21-pin AV cable to connect the set-top box to BeoSystem 1. To enable remote control of your set-top box with the Beo4 remote control, you must also connect a low-power IR transmitter.

Decoder

To connect an AV decoder (a baseband decoder, such as Canal+), connect the cable from the aerial to BeoSystem 1. Connect the AV decoder to the 21-pin socket marked DECODER on BeoSystem 1.

To connect an RF decoder, connect the external aerial cable to the decoder input socket and then forward the cable to BeoSystem 1 aerial socket (marked VHF/UHF). Connect the RF decoder to the 21-pin socket marked DECODER on BeoSystem 1.

Video tape recorder

Use a 21-pin cable to connect a BeoCord V 8000 video tape recorder to the V.TAPE socket on BeoSystem 1. Connect the cable from the aerial to the input socket on the video tape recorder. Forward the aerial cable to the aerial socket on BeoSystem 1.

DVD player

Use a 21-pin cable to connect a DVD player, such as a Bang & Olufsen DVD 1, to BeoSystem 1. Connect one end to the socket marked AV on your DVD player and the other to the socket marked AV on BeoSystem 1. Connect the socket marked DIGITAL OUTPUT on DVD 1 to the SPDIF 1 socket on BeoSystem 1. If the required cable is not enclosed, it is available from your Bang & Olufsen retailer.

Game console, Camcorder, etc.

We recommend that you use the close-up socket panel for equipment you connect on a temporary basis, such as a game console or Camcorder. The use of these sockets is explained in the chapter *'Close-up socket panel'* on page 48.

Socket panels

The socket panel on BeoSystem 1 allows you to connect signal input cables as well as a variety of extra equipment, such as a DVD player or a linked Bang & Olufsen audio system.

The V.TAPE, AV and DECODER sockets are available 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 *'Register and use additional video equipment'* on page 32.

AV and aerial socket panel

V.TAPE

21-pin socket for the connection of a BeoCord V 8000 video tape recorder.

AV

21-pin socket for the AV connection of other equipment, such as a DVD player, set-top box or a second decoder (do not connect baseband decoders here).

DECODER

21-pin socket for the connection of a secondary set-top box or a primary decoder.

The socket provides the opportunity to connect either an AV decoder or an RF decoder.

The socket may be used for an AV 2 Expander instead, which gives the opportunity to connect a decoder or other non-Bang & Olufsen auxiliary video equipment at the same time.

MASTER LINK

Socket for connection of a compatible Bang & Olufsen audio system.

The socket is also used for BeoLink distribution of sound throughout the house.

LINK

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

VHF/UHF

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

ATTN. ON/OFF

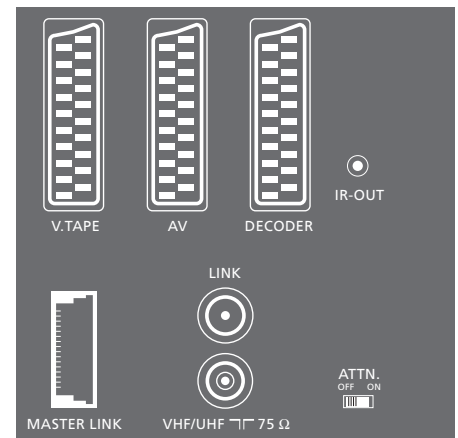
Aerial signal attenuator. Options are:

OFF: Normal setting

ON: Signals damped

IR OUTPUT

For connection of a set-top box.



Speaker and digital input socket panel

FRONT

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

CENTRE

Socket for connecting centre speakers in a surround sound setup.

REAR

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

SUBWOOFER

Socket used for connecting a BeoLab 2 subwoofer in a surround sound setup.

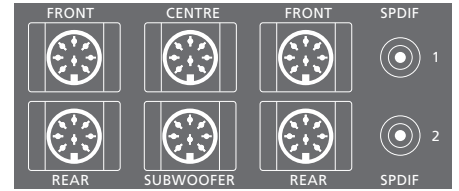
SPDIF 1

Digital input socket for connection of, for example, a DVD player. SPDIF 1 is for digital input from equipment connected to the AV socket on BeoSystem 1.

SPDIF 2

Digital input socket for connection of, for example, a DVD player. SPDIF 2 is for digital input from equipment connected to the V.TAPE socket on BeoSystem 1.

If the V.TAPE socket is set up for *V.tape* or *None*, the SPDIF 2 socket is dedicated to the equipment connected to the DECODER socket instead.



Additional sockets

ON/OFF
Mains switch

IR IN
For connection of a BeoLink IR receiver enabling remote control operation of BeoSystem 1

MAINS
Connection to the mains

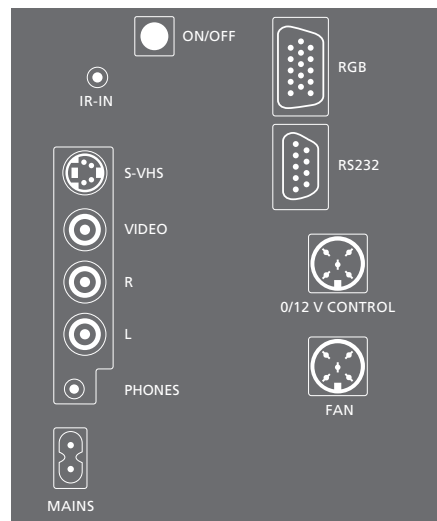
RGB
For connection of a plasma screen, LCD screen or a large-screen projector.

RS232
For connection of a plasma screen supported by Bang & Olufsen or a large-screen projector.

0/12V CONTROL
For connection of a home automation system with a projector.

FAN
For connection of an external ventilator.

S-VHS / VIDEO / R / L / PHONES
The Camcorder and headphones sockets. For more information, refer to the chapter '*Close-up socket panel*' on page 48.



Close-up socket panel

You can connect headphones and listen to a TV programme, or you can connect a Camcorder and watch your home movies on BeoSystem 1. If you have connected for example a BeoCord V 8000 video tape recorder, you can copy Camcorder recordings onto a videotape.

The close-up socket panel

S-VHS

For the connection of S-VHS or Hi-8 Camcorders only.

VIDEO – R – L

These sockets are for connection of a video camera:

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

VIDEO: For the Video signal.

PHONES

You can connect stereo headphones to the socket marked PHONES. The speakers connected to BeoSystem 1 can then be cut out by pressing the middle of the Beo4 volume button.

Watch Camcorder on BeoSystem 1

To watch your Camcorder recordings, connect the Camcorder and switch BeoSystem 1 on. When you start playback on your Camcorder, BeoSystem 1 automatically registers the signal and you can see the pictures from the Camcorder on the screen.

If the signal from the Camcorder is switched off...

> Press LIST repeatedly to display CAMCORD on Beo4 and press GO.

In order to display CAMCORD on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 18 in the Reference book.



Copy from a Camcorder

If you have connected a video tape recorder, such as a BeoCord V 8000, to BeoSystem 1, and you connect your Camcorder to the Camcorder and headphones sockets, you can copy Camcorder recordings onto a videotape. While the tape is being copied, you can watch a TV programme or switch BeoSystem 1 to standby.

To copy a recording from a Camcorder...

- > Connect your Camcorder and start playback on the Camcorder.
- > Press RECORD to prepare BeoCord V 8000 for recording.
- > Press RECORD again to start recording.
- > Press V TAPE and then STOP to pause a recording.
- > Press RECORD to resume a paused recording, or...
- > ...press STOP again to stop a recording entirely.

Regular maintenance, such as cleaning BeoSystem 1, is the responsibility of the user. To achieve the best result, follow the instructions to the right. Contact your Bang & Olufsen retailer to determine recommendations for regular maintenance.

Any defective parts are covered by the guarantee during the warranty period.

Cleaning surfaces...

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

Never use alcohol or other solvents to clean any part of BeoSystem 1!

Cleaning the Beo4

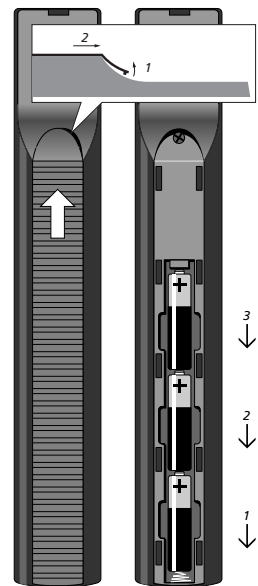
Wipe the Beo4 remote control with a soft, lint-free, firmly wrung cloth.

Changing the batteries...

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

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

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



Beo4 remote control

Add a 'button' to the Beo4 list, *Reference book p. 18*
 Changing the Beo4 batteries, 49
 Get access to extra equipment via Beo4, 33
 Introducing BeoSystem 1 and Beo4, 4
 Move extra 'buttons', *Reference book p. 19*
 Remove a 'button' from the Beo4 list, *Reference book p. 19*
 Set up Beo4, *Reference book p. 18*
 Using Beo4, 4

BeoLink

Distribute sound and picture, *Reference book p. 14*
 Link connections, *Reference book p. 14*
 Link frequency, *Reference book p. 15*
 Link socket – Master Link, 45, *Reference book p. 14*
 System modulator, *Reference book p. 15*
 BeoSystem 1 in a link room – connection, *Reference book p. 16*
 BeoSystem 1 in a link room – operation, *Reference book p. 17*

Camcorder

Connect a Camcorder, 48
 Copy from a Camcorder to a videotape, 48
 Watch Camcorder on BeoSystem 1, 48

Clock

Enter settings for the built-in clock, 37
 What's on the *Clock* menu, *Reference book p. 25*

Connections

Additional video equipment, 44
 – Audio Master, AV 2 Expander, Set-top box, Decoder, Video tape recorder, DVD player, Game console, Camcorder, etc.
 Aerial and mains connection, 43
 Audio system – connect to BeoSystem 1, 44, *Reference book p. 12*
 Close-up socket panel, 48
 Connect BeoSystem 1, 40
 Connect speakers, *Reference book p. 5*
 Decoder – AV or RF decoder, 44, *Reference book p. 10*
 Decoder – Two decoders, *Reference book p. 10*
 Headphones, 48
 Link connections, *Reference book p. 14*
 Register and use additional video equipment, 32
 Set-top box – Alternative set-top box connection, *Reference book p. 9*
 Set-top box – AV connection, *Reference book p. 8*
 Set-top box – IR transmitter, *Reference book p. 8*
 Socket panels, 45–48
 What's on the *Connections* menu, *Reference book p. 25*

Contact

Contact Bang & Olufsen, 54

Decoder

Connect AV or RF decoder, 44, *Reference book p. 10*
 Connect two decoders, *Reference book p. 10*
 Socket panels, 45

Displays and menus

Displayed information and menus, 5
 On-screen display, 5
 On-screen menus, *Reference book pp. 20–26*

Format

How to choose a picture format, 11

Headphones

Close-up socket panel, 48

Home automation system

Additional sockets – home automation system, 47
Connect a home automation system, 42

Home Theatre

Make the picture fill out the screen, 11
Select speakers for movie sound, 10

IR receiver

Enable Beo4 operation – connect the IR receiver, 41

Language

Change sound type or language, 9

LCD screen

Additional sockets – LCD screen, 47
Connect an LCD screen, 42

Loudspeakers

Calibrate the sound level, *Reference book p. 7*
Connect speakers, *Reference book p. 5*
Place external speakers, *Reference book p. 4*
Select speakers for movie sound, 10
Set speaker distance, *Reference book p. 6*
What's on the *Speaker distance* menu, *Reference book p. 24*
What's on the *Speaker level* menu, *Reference book p. 24*
What's on the *Speaker type* menu, *Reference book p. 24*

Maintenance

Changing the Beo4 batteries, 49
Maintenance of BeoSystem 1, 49

Master Link

Connect and operate an audio system, *Reference book p. 12*
Distribute sound and picture with BeoLink, *Reference book p. 14*
BeoSystem 1 in a link room, *Reference book p. 16*

Picture

Adjust brilliance, colour or contrast, 34
Make the picture fill out the screen, 11
Picture within a picture, 14
What's on the *Picture* menu, *Reference book p. 26*

Pincode

Activate the pincode system, 22
Change or delete your pincode, 22
Did you forget your pincode?, 23
Use your pincode, 23

Placement

Place BeoSystem 1, 40
Placing external speakers, *Reference book p. 4*

Plasma screen

Additional sockets – plasma screen, 47
Connect a plasma screen, 42

Projector

Additional sockets – projector, 47
Connect a projector, 42

Set-top box

Alternative set-top box connection, *Reference book p. 9*
Set-top Box Controller menu, 20
Set-top box – AV connection, *Reference book p. 8*
Set-top box – IR-transmitter, *Reference book p. 8*
Set-top box operation, 20

Socket panels

Additional sockets, 47
 AV and aerial socket panel, 45
 Close-up socket panel, 48
 Connect additional equipment, 44
 Speaker and digital input socket panel, 46
 Socket panels, 45

Sound

Adjust or mute the sound, 9
 Adjust volume, bass, treble or loudness, 35
 Calibrate the sound level, *Reference book p. 7*
 Change sound type or language, 9
 Choose a speaker combination, 10
 See the name of the active sound system, 36
 Select speakers for movie sound, 10
 What's on the *Adjustment* menu, *Reference book p. 23*

Subtitles

Activate subtitles from teletext, 13

Surround sound

Loudspeaker setup – surround sound,
Reference book pp. 4–7
 Select speakers for movie sound, 10
 Speaker and digital input socket panel, 46

Teletext

Activate subtitles from teletext, 13
 Basic teletext functions, 12
 Go directly to a page via Fasttext, 17
 Store favourite teletext pages – memory pages, 12
 Teletext – large, mix and reveal, 16
 Updated teletext pages, 16

Timer

Activate the timed play function, 19
 Enter settings for the built-in clock, 37
 Make BeoSystem 1 start and stop automatically, 18
 Timed play via teletext, 19
 To view, edit or delete a Timer, 19
 What's on the *Activate Timer* menu, *Reference book p. 21*

Tune

Add new channels, 27
 Adjust tuned channels, 28
 Delete tuned channels, 31
 Find available channels, 26
 Move tuned channels, 29
 Name tuned channels, 30
 What's on the *Add program* menu, *Reference book p. 22*
 What's on the *Auto tuning* menu, *Reference book p. 22*
 What's on the *first TV manual tuning* menu, *Reference book p. 23*
 What's on the *second TV manual tuning* menu, *Reference book p. 23*

TV channels

Add new channels, 27
 Adjust tuned channels, 28
 Delete tuned channels, 31
 Find available channels, 26
 Move tuned channels, 29
 Name tuned channels, 30
 See the channel list, 8
 Select a TV channel, 8
 What's on the *Edit TV list* menu, *Reference book p. 22*

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

Til det norske marked:

Mekaniske og elektroniske komponenter i produktene slites ved bruk. Det må derfor påregnes reparasjoner og utskiftning af komponenter innenfor kjøpslovens reklamasjonstid, som må regnes som vedlikehold av produktene. Slik vedlikehold gir ikke grunnlag for å rette mangelskrav mot forhandler eller leverandør, og må bekostes af kjøper.

For your information...

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

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

Thank you!

Write to: Bang & Olufsen a/s
Customer Service
dept. 7205
Peter Bangsvej 15
DK-7600 Struer

or fax: Bang & Olufsen
Customer Service
+45 97 85 39 11 (fax)

or e-mail: beoinfo1@bang-olufsen.dk

Visit our Web-site on...
www.bang-olufsen.com

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. Copyright 1992–1997. All rights reserved.

DTS and DTS Digital Surround are registered trademarks of Digital Theater Systems, Inc.

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

