**BeoVision 4** 

# Guide



BeoVision 4 includes the products shown above. The individual components are referred to by their respective names in the Guide and Reference book. The complete setup is referred to as BeoVision 4.



# An explanation of symbols in the Guide and Reference book TV 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 Bang & Olufsen products. 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 products. However, the information required to install and set them up is included in the Guide and the Reference book. This is useful if you move your products 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.

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# Introducing BeoVision 4 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. Only the buttons used with this product are shown. Other buttons may be used with, for example, connected equipment. For information about how to operate connected equipment, refer to the Guide enclosed with it.

TV FORMAT	The Beo4 display shows the source you have selected, or extra functions available when you press the LIST button
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
$\hat{\mathbf{v}}$	Adjust sound volume. Press in the middle to mute the sound
•	Switch BeoVision 4 to standby

	TV	
тν	TV LIGHT RADIO	
DTV	DTV DVD CD	F
0 – 9	7 8 9 4 5 6	
ΤΕΧΤ	1 2 3 TEXT 0 MENU	
▲ ▼ ₩ ₩		
GO	LIST A EXIT	
LIST	5700	
	BANG & OLUFSEN	

Switch on BeoVision 4

- Switch on a connected set-top box. Only available if a set-top box is registered as STB (DTV)
- Select channels or teletext pages. Enter data in onscreen 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

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For information on how to add extra functions to those shown in the Beo4 display, refer to the chapter 'Customise Beo4' on page 32 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.



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

#### Source Pr Start Stop Date TV 1 13:30 - 14:30 27 Oct OK Press MENU for Timer index

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 the system	τv
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 leave 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

# Daily use

This chapter contains information about the basic functions of your BeoVision 4.

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

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# Watch TV

Select a TV channel directly or via a list. Select a new source, adjust the sound volume or change the sound type or language.

# Select a TV channel

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

# Bring up a TV list

You can see a list of all your TV channels at any time. The list contains channel numbers and names, and can contain 99 TV channels.

Press to switch on the system	<b>TV</b> TV 2	Press to switch on the system	<b>TV</b> TV 2
Press a channel number to go directly to that channel	0 – 9	Press and hold to bring up a TV list on the screen	GO
Press to change channels one by one	* *	Press to view the previous or following page of the TV list	≪ ≫
Press to swap between the current and the previous TV channel	0	To select a channel, enter the channel number, or	0 – 9
Press to switch the system to standby	•	press until the desired channel is highlighted	•
You can change source at any time without switching the		Press to switch on the chosen channel	GO
system off first. Press for example DVD, if available.		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 pressing 2 to select the TV list.	

# Adjust volume or mute the sound

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

# Change sound type or language

While you are watching TV, you can switch between the types of sound that are available.

LIST

GO

GO

GO

EXIT

SOUND

STEREO



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.

her end of the button to ne volume up or down	^ ~	Press repeatedly to display SOUND on Beo4
the middle of the button the sound		Press to bring up the current sound type in the display
her end of the button to e sound back	^ ~	Press repeatedly to switch to another sound type or language in a multi-language programme
ed listening at high can cause hearing !		Press to leave the SOUND function
		In order to display SOUND on Beo4, you must first add it to the Beo4 list of functions. Refer

of functions. Refer to the chapter 'Customise Beo4' on page 32 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 six Bang & Olufsen loudspeakers and a BeoLab 2 subwoofer\*.

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

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

# 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	LIST SPEAKER
Press the number of the speaker combination you want. The selected speakers cut in automatically	1 – 5
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	EXIT

the Beo4 display and to return to the source you were using



# 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. Your speaker setup determines which speaker settings are available. For example, if you have connected only front and centre speakers, you will

only be able to choose SPEAKER 1-3.

\*NOTE! For further information about how to connect speakers, refer to the chapter 'Loudspeaker connections – surround sound' on page 13 in the Reference book.

# Make the picture fill out the screen

BeoVision 4 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	FORMA
Press if you want to optimise the picture, or	GO
press the number of the desired picture format	1 – 3
If you have chosen Format 1 Press ≪ or ≫ to select variations of this format	₩ ₩
If you have chosen Format 1 or Format 2 Press ▲ or ▼ to move the picture up and down	* *
Press to leave the FORMAT function	EXIT

#### Picture formats to choose from

select it yourself.

FORMAT 1... For standard TV pictures, as shown to the right. Two variations are available: 4:3 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



# Teletext

If you select a channel and the broadcaster offers a teletext service, BeoVision 4 gives you access to teletext 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	ΤΕΧΤ
Press the number of a teletext page you want to see	0 – 9
Press to move to the next or previous 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 $\blacktriangle$ or $\checkmark$ to step to the page	0 – 9 ▲ ▼
Press again to resume subpage	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 $\blacktriangle$ or $\checkmark$ to go to a page you refer to often	0 – 9 ▲ ▼
Press repeatedly to display STORE on Beo4	<b>LIST</b> 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 leave 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 BeoVision 4 is linked via a Master Link cable to another television, stored memory pages are not shared among these televisions. Memory pages must be stored manually on each linked 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	τv
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, ightarrow or $ ightarrow$ to change channels	0 – 9 ▲ ▼
Press to bring up teletext	ΤΕΧΤ

# 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 num To locate subtitles page on the screen	ber buttons or the teletext Subtitles appear	0 – 9 ▲
Press to cance	el subtitles	EXIT
To store subt from the tele page Press repeated STORE on Bec	t <b>itles permanently</b> etext subtitles dly to display 04	<b>LIST</b> Store
Press to select	t the page	GO
Press to store as memory pa	the subtitles page age number 4	4
Press to return	n to TV viewing	тv
To cancel stor store another	ed subtitles, simply teletext page as	

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-AND-P\* on Beo4 Press, for example, VMEM to select a source to view on the right side of the screen (B) Press 0 to swap the left picture 0

and right picture

# To leave the dual-screen function...

Press to leave the function and return to normal TV viewing

τν

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.



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.



<sup>\*</sup>In order to display P-AND-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 32 in the Reference book.

Find out how to operate BeoVision 4 beyond daily use.

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

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# Advanced teletext functions

BeoVision 4 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.

BeoVision 4 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 MIX	LIST
on Beo4	MIX
Press to superimpose the teletext page on the TV picture	GO
Press to remove the TV picture	GO
<i>To reveal hidden text</i> Press repeatedly to display REVEAL on Beo4	LIST 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

BeoVision 4 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 UPDATE on Beo4	<b>LIST</b> 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 Fastext

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

While the system is switched	
Press to bring up teletext	TEXT
Press to find a Fastext 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 Fastext 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 Fastext and return to normal teletext viewing, or	TEXT
press to leave teletext	EXIT

MEM 2	X 200 We	d 26 Apr	10:24/89
RRF	EIN	BULL	F
			-
FINANCIAL	NEWS IN F	ULL HERE	ON BBC2
Headlines	201 F	inance Ne	ws 202

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

CityHeads P200 CEEFA	Shares X 200	Markets Wed 26 Apr	Exchanges 10:25/02
BBC		IAUC	E
FINANCIAL	NEWS IN	FULL HERE	ON BBC2
Headlines Diary Shaces	201 214 220	Finance Ne Results	ws 202 215 230

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

# Make your BeoVision 4 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 to make BeoVision 4 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 BeoVision 4 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 38.

# Timed play and timed standby

You can preset BeoVision 4 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 the system 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.

# 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 BeoVision 4 with a Master Link cable, you can exclude or include it in timed functions via the *Timer play* menu. For example, set the BeoVision 4 Timer to Yes and the audio system Timer to *OFF* if you wish timed functions to apply only to BeoVision 4.

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 18 in the Reference book and the chapter 'Register and use additional video equipment' on page 32.

# 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.





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.

# **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 $\blacktriangle$ or $\checkmark$ 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.

# 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 (DTV) Press to switch on the set-top box in the main room	DTV
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	==

While the set-top box's own	
menu is shown Press to move the cursor up or down	▲ ▼
Press to move the cursor	< >
Press twice to select and activate a function	GO GO
Press GO and then <b>≪</b> or <b>≫</b> to step between menu pages or step in program lists	GO ◀ ₩
Press to exit menus, or return to a previous menu	STOP
Press to exit menus, enter or exit different modes, such as radio	EXIT
Use the coloured buttons as indicated in the menus of your set-top box	
*Depending on your set-top box,	

you may have to press EXIT twice instead of STOP to return to a previous menu.

# 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 2 impossible for someone who does not know the pincode.

When BeoSystem 2 has been disconnected from the mains for 15– 30 minutes, the pincode system goes into effect.

When reconnected and switched on, BeoSystem 2 automatically switches itself off after four minutes. Entering the pincode returns BeoSystem 2 to normal.

When the pincode system is active and you reconnect your BeoSystem 2 to the mains, you may not be able to switch it on immediately – wait approximately 30 seconds and try again.

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 system is switched on	
Press to bring up the main menu	MENU
Press <b>4</b> twice, followed by STOP. The <i>Pincode</i> menu appears on the screen	📢 📢 STOP
Use the number buttons on Beo4 to enter the four digits of your code	0 – 9
Press to move the cursor to <i>Confirm pincode</i> 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 system is switched	
<i>on</i> Press to bring up the main menu	MENU
Press 🗲 twice, followed by STOP. BeoSystem 2 prompts you for your pincode	<ul> <li>✓ </li> <li></li></ul>
Enter your pincode	0-9 PIN **
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 <i>Pincode</i> menu prompts you to delete your code or enter a new code	
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 <i>Confirm pincode,</i> 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

# Use your pincode

If BeoSystem 2 has been disconnected from the mains for 15–30 minutes, BeoSystem 2 prompts you for the pincode when you switch it on. You may not be able to switch the system on immediately - wait approximately 30 seconds and try again.

# Did you forget your pincode?

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

Switch BeoSystem 2 on BeoSystem 2 prompts you for your pincode Enter your pincode	PIN	When you have received a mastercode When BeoSystem 2 prompts you for your pincode, press and hold to bring up the mastercode	PIN ◀ PIN
	PIN **	display	
The picture appears when the	PIN * * * *	Entering this five-digit code	0 - 9
last digit is entered		deactivates your pincode and	DELETED
If an incorrect code is entered,	ERROR	DELETED is displayed	
ERROR is shown. Re-enter the	PIN		
code		To use the pincode system	
		again	
To cancel a code entry		Follow the procedure for	
Press to cancel a code entry, and the input fields are cleared	STOP	activating the pincode system	

Five incorrect entries cause BeoSystem 2 to shut down for three hours, during which time operation is not possible.

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

For information about how to set up your system and connect additional video equipment, refer to the chapter '*Placement, connections and maintenance*' on page 4 in the Reference book.

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# Tune in TV channels

You can make BeoVision 4 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 retune 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 BeoVision 4 for the first time, you can tune in the TV channels that are available in your area via the *TV tuning* menu. BeoVision 4 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 the 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.



- > 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 again 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.
- > When you have moved your channels, press EXIT to leave all menus.

# Name tuned channels

BeoVision 4 automatically names your tuned channels during auto tuning, if possible, but you can rename your channels at any time.

	TV tuning			
1 2 3 4	Edit TV list Add program Auto tuning Manual tuning			
	1 BBC 1 2 BBC 2 3 ITV 4 SUPER CH 5 SKY 6 ZDF 7 CHILDREN 8 CNN 9	-	۲	
	10 11 12 EUROSPRT 13 14 15 MTV 16 17 18 19			
	Press >> to move			
	Freq Pr 48 1	Name BBC 1	More	

- > 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 again 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 again to bring up the TV tuning menu.
- > Press GO again 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 additional video equipment

If you connect additional video sources or equipment to BeoSystem 2, you must register the equipment in the *Connections* menu.

The settings you select in the *Connections* menu tell BeoSystem 2 what is connected.

For information about where and how to connect extra equipment, refer to the chapters 'Connect additional equipment' on page 18 in the Reference book as well as 'Socket panels' on page 9 in the Reference book.

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 2 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.Mem

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

#### AV

*DVD*... for a DVD player *DVD (YPbr)*... for a DVD player connected to the VGA-IN socket.

*STB (DTV), STB (V.AUX)...* for a set-top box\* *V.AUX...* for other equipment

Non B&O V.TP2... for a non-Bang & Olufsen video recorder

*DVD2*... for a second DVD player or video recorder

*DVD2 (YPbr)...* for a second DVD player or video recorder connected to the VGA-IN socket. *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

#### 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.

#### Decoder

*Decoder*(1)... for a primary decoder or expander box

STB (DTV), STB (V.AUX)... for a set-top box\* STB (DTV/YPbr), STB (AUX/YPbr)... for a set-top

box connected to the VGA-IN socket\* *STB (DTV/DVI), STB (AUX/DVI)...* for a set-top

box connected to the DVI socket on BeoVision 4 PC (DVI)... for a PC connected to the DVI socket

on BeoVision 4

*PC (VGA)*... for a PC connected to the VGA-IN socket

V.AUX... for other non-Bang & Olufsen equipment

Non B&O V.TP2... for a non-Bang & Olufsen video recorder

None... if nothing is connected



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 pages 19–21 in the Reference book for further information.

#### When the set-top box list appears...

- > Press  $\checkmark$  to move down the list.
- > Press GO to select your STB type.

#### Set-top box setup...

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

#### The options are:

After 0 min... The set-top box switches to standby immediately when you select another source.

- After 30 min... The set-top box switches to standby 30 minutes after you have selected another source\*.
- At TV Standby... The set-top box switches to standby when you switch the television to standby.
- Never... The set-top box does not switch to standby automatically.

\*If you switch the television to standby before the 30 minutes have passed, the set-top box is also switched to standby.

# Get access to additional video equipment

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

Press to switch on a video recorder	VMEM
Press repeatedly to display DVD2* on Beo4	LIST DVD2
Press to switch on a second video 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 DVD2 on Beo4, you must add them to the Beo4 list of functions. Refer to the chapter 'Customise Beo4' on page 32 in the Reference book for further information.	
*Select DVD2 for sources registered in the Connections	

menu as 'DVD2', 'S-VHS V.TP2'

or 'Non-B&O V.TP2'.

# 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 BeoVision 4 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.



# 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  $\bigstar$  or  $\checkmark$  to adjust the settings for each item.
- > Press EXIT to store your settings until you switch off BeoVision 4, 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 BeoVision 4, or...
- > ...press GO to store your settings permanently.

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

\*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 13 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 6 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

BeoVision 4 has a built-in clock that displays the time on request.

When you preset BeoVision 4 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.

To bring up the clock on the screen, press LIST repeatedly to display CLOCK\* on Beo4, then press GO. The time appears briefly and then disappears.



#### Abbreviations for month and day of the week

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

Tue... Tuesday

Fri...

Wed... Wednesday Thu... Thursday

Friday Sat... Saturday Sun... Sunday

> 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  $\blacktriangleleft$  or  $\triangleright$  to move through menu items.
- > Press  $\blacktriangle$  or  $\checkmark$  to see your options for a menu item. Select the current channel by pressing or  $\checkmark$  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 order to display CLOCK on Beo4, you must first add it to the Beo4 list of functions. For further information, refer to the chapter 'Customise Beo4' on page 32 in the Reference book.

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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!

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