

Guide

The Guide and the Reference book

This Guide contains information about the daily use of your Bang & Olufsen product. The Reference book contains information about more advanced operation as well as connecting and operating external equipment, it also provides you with 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 Reference book. This is useful if you move your products or expand your system at a later date.

Index ...

The Reference book also contains an index which refers to this Guide and the Reference book. It can help you find the specific subject you want to know more about.

An explanation of symbols in the Guide and Reference book

Buttons on the Beo4 remote control

TV
LIST

Display on the Beo4 remote control

FORMAT

Display on the television

VOL 26

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Introducing your television 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 television.

- Switch on the television **TV**
- Switch on a connected set-top box, registered as STB(DTV) **DTV**
- Select programs or teletext pages. Enter data in on-screen menus **0 – 9**
- Enter information in on-screen menus. Press **◀▶** while TV or radio is on to select a program Group you have created **◀ ▶**
- Accept and store instructions or settings. Press and hold to call up a program list **GO**
- Step up or down through programs or menu items **▲ ▼**
- Reveal additional functions in the Beo4 display, such as FORMAT **LIST**

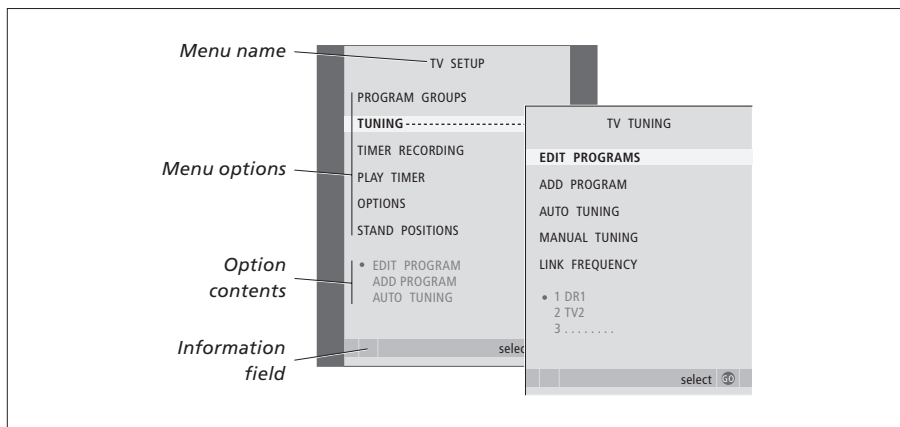


For information about how to operate connected equipment, refer to the Guide enclosed with it. For information on how to add extra functions to those shown in the Beo4 display, refer to the chapter 'Customise Beo4' in the Reference book.

- TV** The Beo4 display shows the source you have selected, or extra functions available when you press the LIST button
- FORMAT**
- RADIO** Switch on the radio
- MENU** Bring up the main menu
- TEXT** Switch on teletext
- ▲** Adjust sound volume: press in the middle to mute the sound
- ▼**
- EXIT** Exit all on-screen menus
- Switch the television to standby

Displayed information and menus

Information about the selected source is shown in the display. On-screen menus allow you to adjust settings.



Examples of on-screen menus. As you highlight menu options, the contents of each option appear in grey below the options.

How to use on-screen menus ...

Press to switch on the television **TV**

Press to bring up the TV SETUP menu **MENU**

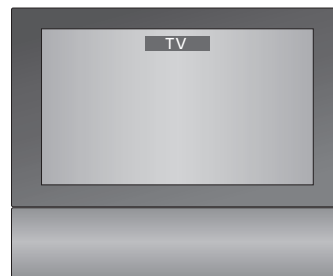
Press to move between the different menu options ▲ ▼

Press to reveal different settings ◀ ▶

Press to bring up a menu or store a setting you have made **GO**

Press to step back through previous menus **STOP**

Press to exit all menus **EXIT**



Watch TV

This chapter describes daily use of your television: how to switch the television on, choose a program and switch the television off.

In addition, it describes two functions that make watching TV easier and more enjoyable:

- The TV list gives you an overview of all your programs, and you can also view a list of programs you have placed in a Group;
- If your television is equipped with an optional motorised stand, you can turn the television.

For further information about Groups, refer to the chapter 'Use Groups' on page 12.

Select a TV program

When you switch the television on, the last program viewed appears on the screen.

Press to switch on the television **TV**

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

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

Press to switch the television to standby **•**

Pressing 0 swaps between the current TV program and previous TV program.

Bring up a TV list

All your TV programs appear on a list, which you can bring up on the screen. The list contains program numbers and names, and can contain up to 99 TV programs. You can also bring up a program list for Groups of programs.

Press to switch on the television **TV**

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

Press **◀** or **▶** to step between 'pages' in the program list **◀ ▶**

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

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

Press to switch on the chosen program, or ... **GO**

... press to leave the menu **EXIT**

Bring up the program list for a specific Group ...

Press to switch on the television **TV**

Press **◀** or **▶** repeatedly to step through your Groups **◀ ▶**

Press to bring up the chosen Group **GO**

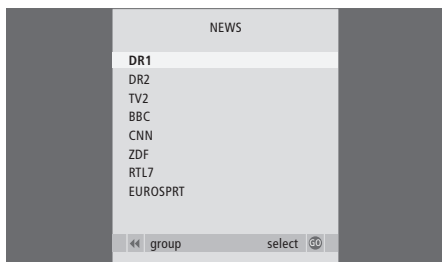
Press and hold to bring up the program list for this Group **GO**

Press **◀** or **▶** to see the program lists for the other Groups **◀ ▶**

NOTE! If the screen is overheated, black spots may appear in the picture. These spots disappear again, once the television cools down to normal temperature.



The program list for TV is now called up. It provides you with an overview of all your available TV programs.



Group list ... Programs selected for a Group also appear in the program lists for all tuned programs.

Turn the television

If you have a motorised stand, you can turn the television using your Beo4 remote control.

Press repeatedly to display
STAND on Beo4

LIST

STAND

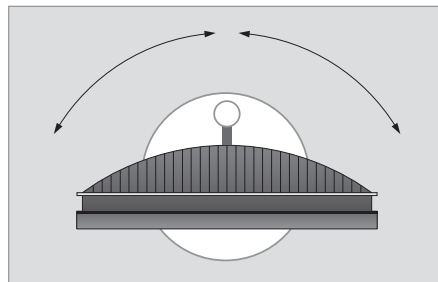
Press to turn the television to the
left or the right, or ...

◀ ▶

... press the number buttons to
choose a pre-defined position; 1
represents the far left position, 9
represents the far right position

1 - 9

For further information about
how to preset positions for TV
viewing, refer to the chapter 'Set
positions for the television to
turn to' on page 22 in the
Reference book.



The television can also tilt up and down while on a motorised stand or the wall bracket, but you can only tilt the television manually.

Adjust sound and picture

Several sound adjustment possibilities are available in your television.

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

If programs are broadcasted with different sound types or languages, you can choose between the sound types or languages.

Your television 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 always choose the format you prefer.

Adjust volume or mute the sound

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

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

Press in the middle of the button to mute the sound ^ v

Press either end of the button to bring the sound back ^ v

Prolonged listening at high volume levels can cause hearing damage!

Sound type or language

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

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

Press to bring up the current sound type in the display **GO**

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

Press to leave the SOUND function **EXIT**

You can store your favourite sound type when tuning in your TV channels. For further information, refer to the chapter 'Edit tuned programs' on page 15 in the Reference book.

*NOTE! 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 52 in the Reference book.

Speaker balance or combination

If you connect loudspeakers to your television, you can adjust speaker balance and change the speaker combination at any time.

Press repeatedly to display SPEAKER on Beo4

LIST
SPEAKER

Press to adjust balance between the left and right speakers

◀ ▶

Press to select a speaker combination

1 – 3

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

EXIT

Speaker combinations

SPEAKER 1

Sound in the television speakers only.

SPEAKER 2

Stereo sound in the two external front speakers.

SPEAKER 3

Sound in the television speakers and the two external front speakers.

For information about how to preset a speaker combination, refer to the chapter 'Adjust picture and sound settings' on page 24 in the Reference book.

Picture format

When you select a format yourself, the automatic format selection is deactivated, until you switch to a different channel or change source.

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

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

*Pictures in 4:3 format cannot be moved up and down.

Picture formats to choose from

FORMAT 1 ... For standard TV pictures. Three variations are available: 4:3, 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 program 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.

Teletext

If you select a program and the broadcaster offers a teletext service, the television gives you access to teletext pages and any subpages linked to the pages.

The arrow buttons on Beo4 and the menu bar at the top of the screen, help you move to the page you want. When you get there, you can pause the turning of subpages to read them at your own pace.

The television can remember your favourite pages, reveal hidden messages or help you switch to another program's teletext service. To make your favourite teletext pages appear first when you bring up teletext, store them as MEMO pages.

Basic teletext functions

Navigate through teletext pages by using the menu bar at the top of the teletext page.

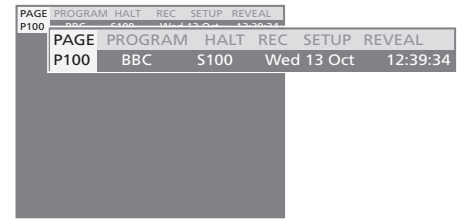
> Press **TEXT** to gain access to teletext and **EXIT** to leave teletext.

To move to a new page ...

- > Enter the number of the page you wish to see, or ...
- > ... press **◀** to move the highlighted cursor to **PAGE**.
- > Press **▲** or **▼** to step between pages, and hold to step faster.
- > Pressing **GO** steps to index pages (100, 200, 300 ...).

To move to another teletext service ...

- > Press **▶** to move the highlighted cursor to **PROGRAM**.
If MEMO pages have been created, MEMO is highlighted when you switch on teletext. Press **▲** or **▼** while MEMO is highlighted to find **PROGRAM**.
- > Press **GO** to bring up a program list.
- > Press **▲** or **▼** to find a desired program.
- > Press **GO** to switch to another teletext service.



To stop subpages from turning ...

- > Press **STOP** to stop subpages from turning, or ...
- > ... move the cursor to **HALT** and press **GO**. **HALT** is replaced by a set of four digits.
- > Use **▼** and **▲** to step to the subpage you wish to see, or ...
- > ... enter its number using the number buttons on Beo4.
- > Press **GO** to restart page turning.

To reveal hidden messages and the like ...

- > Press **▶** to move the highlighted cursor to **REVEAL**.
- > Press **GO** to reveal hidden text on the current page.

NOTE! If your television is linked via a BeoLink cable to another television, stored MEMO pages are not shared among these televisions. MEMO pages must be stored manually on each linked television.

Store favourite teletext pages

Nine MEMO pages are available for each television program's teletext service.

To create a MEMO page ...

- > Bring up a page you view often.
- > Press ◀ or ▶ to move the cursor along the menu bar to SETUP and press GO. The 9 available MEMO slots are shown by number. The first is highlighted.
- > Press GO to store the current page. The cursor moves to the next available MEMO slot.
- > Use the number buttons on Beo4 to select the next teletext page you wish to store.
- > Repeat the procedure for each page you wish to store.
- > To leave the MEMO setup, press ◀ or ▶ to move the cursor to BACK and press GO.
- > Press EXIT to leave teletext.

Day-to-day use of MEMO pages

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

To view MEMO pages ...

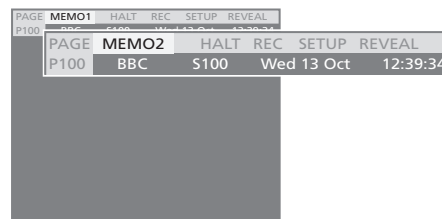
- > Press TEXT to bring up teletext.
- > Press ▲ or ▼ to move between MEMO pages.
- > Press EXIT to leave teletext.

To delete a MEMO page ...

- > Press ◀ or ▶ to move the cursor to SETUP and press GO.
- > Move the cursor to the MEMO page you wish to delete and press the yellow button.
- > Press the yellow button again to confirm.

To see teletext subtitles ...

If you would like available teletext subtitles to appear automatically for a particular program, store the teletext subtitles page as MEMO page 9.



Use Groups

If you have stored a lot of television and radio programs and want to get to your favourites quickly without going through the list each time, place them in a Group. You no longer need to step through programs you do not use.

Name the Groups after the people who use them – ‘Dad’ or ‘Mary’ – or according to the types of programs included, like ‘News’ or ‘Sports’.

When you have created and selected a particular Group, you only step through the TV and radio programs belonging to this particular Group. Switch to a different Group to watch a different set of programs or switch from GROUPS to TV to see all the tuned TV programs.

When you switch from a TV program to a radio program in a group, the screen will switch off and show your chosen radio display.

Select programs in a Group

You can gain access to your Groups by activating Groups mode. Press the arrow buttons to select the Group you are looking for, then step through the programs in this Group.

Press to switch on the television, or ... **TV**

... press to switch on the radio **RADIO**

Move left or right until your Groups are displayed **◀ ▶**

When you find the Group you want, press GO to select it **GO**

Step up or down through the programs in that particular Group **▲ ▼**

Use the number buttons to enter the number of the program you want to see **0 – 9**

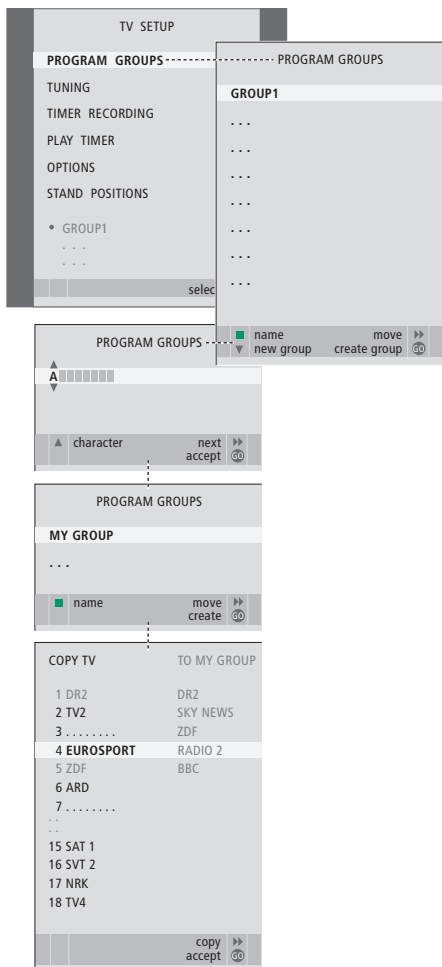
Move left or right to switch to another Group – and press GO to bring it up **◀ ▶ GO**

To bring up a program list for the current Group, press and hold GO in Groups mode. To select all available TV programs, press TV.

Create Groups

You can create up to eight different Groups. Each Group can contain up to 18 programs. The same program can be stored in more than one Group.

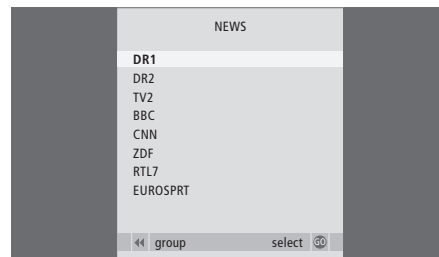
- > Press **TV** to switch on the television, or **RADIO** to switch on the radio.
- > Press **MENU** to bring up the SETUP menu, PROGRAM GROUPS is already highlighted.
- > Press **GO** to bring up the PROGRAM GROUPS menu.
- > Press **▼** to move the cursor to an empty Group and press the green button to be able to name a new Group.
- > Press **▲** or **▼** to select characters.
- > Press **◀** or **▶** to move to the previous or next character space.
- > Press **GO** to store the name, and press **GO** again to be able to copy programs into the new Group.
- > Press **▲** or **▼** to find a program you wish to copy to the new Group.
- > Press **▶▶** to copy a TV program to your Group.
- > Press **GO** to store your Group when you have finished copying programs.
- > Press **STOP** to back up through previous menus or press **EXIT** to exit all menus.



Move programs within a Group

You can rearrange the order in which your programs appear within a Group and delete programs in a Group.

- > Press **TV** to switch on the television, or **RADIO** to switch on the radio.
- > Press **MENU** to bring up the SETUP menu
PROGRAM GROUPS is already highlighted.
- > Press **GO** to bring up the PROGRAM GROUPS menu.
- > Press **▼** to highlight a Group and press **GO** to select it.
- > Press **▼** to highlight the program you wish to move or delete.
- > Press **▶▶** to move the program out of the list and press **▲** or **▼** to move it to the new position.
- > Press **◀◀** to move the program back into the list, or press the yellow button to delete it. When you delete a program in the list, the remaining programs contract.
- > If the program changed places with another program, then move this program to a new position.
- > When you finish moving or deleting programs in a Group, press **GO** to store the Group.
- > Press **STOP** to back up through previous menus or press **EXIT** to exit all menus.



Use the radio

The television tunes in available radio programs automatically when it is installed for the first time.

If your television is equipped with the optional DAB module, DAB programs are tuned in automatically during the first-time setup.

Once the programs are tuned in, you can either activate the radio and step through the tuned programs, key in the number of the program you want, or you can bring the entire list up on the screen and find the desired program there.

If you have created program Groups you can also call up program lists for your Groups.

Listen to tuned programs

To activate the built-in radio, choose RADIO as your source. The last program you listened to is switched on automatically.

Press to switch on the radio **RADIO**

Step up or down through the available tuned programs, or ... ▲ ▼

... press the number of the program you want to listen to **0 – 9**

Press to see the name or number of the current program **GO**

Press to swap between the current and previous radio programs **0**

Press another source button, such as TV to switch to television channels **TV**

See list of all programs

Choose RADIO as your source and call up a program list to get a complete overview of the available radio programs.

Press to switch on the radio **RADIO**

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

Press ◀ or ▶ to step between 'pages' in the program list ◀ ▶

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

... press until the desired program is highlighted ▲ ▼

Press to switch on the chosen program, or ... **GO**

... press to leave the menu **EXIT**

NOTE! For more information about how to tune in additional programs, refer to the chapter 'Re-tune or add programs' on page 20 in the Reference book.

Bring up the program list for a specific Group ...

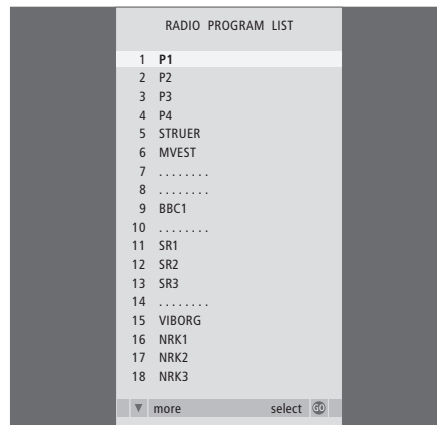
Press to switch on the radio **RADIO**

Press **◀** or **▶** repeatedly to step through your Groups **◀ ▶**

Press to bring up the chosen Group **GO**

Press and hold to bring up the program list for this Group **GO**

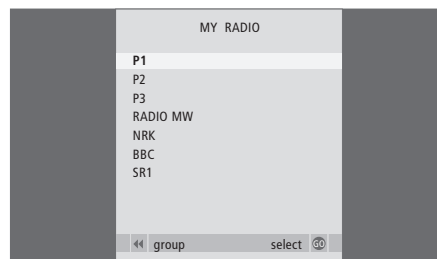
Press **◀** or **▶** to see the program lists for the other Groups **◀ ▶**



The program list for radio is now called up. It provides you with an overview of all your available radio programs. Tuned DAB programs appear together with FM programs in the list.



During first-time setup you are prompted to choose the radio display setting, you prefer. Your choice determines what is shown on the screen when you listen to radio.



Group list ... Programs selected for a Group also appear in the program lists for all tuned programs.

The pincode system

The pincode system is intended to make normal use of your television impossible for someone who does not know the pincode. You choose whether or not to activate the pincode system.

When the pincode system is activated and the television has been disconnected from the mains for 15–30 minutes, the pincode system goes into effect.

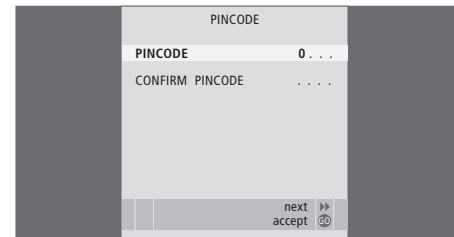
When reconnected and switched on, the television automatically switches itself off after four minutes. Entering the pincode returns the television to normal.

Activate the pincode system

Bring up the TV SETUP menu on the screen, activate the PINCODE menu and choose from the submenus. If you wish to deactivate the pincode system, you can do so by deleting your pincode.

To activate the pincode system ...

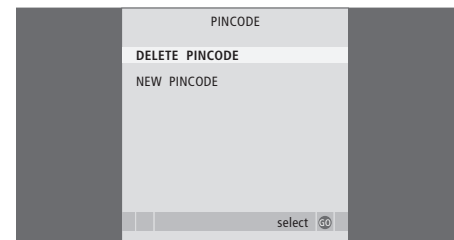
- > Press **MENU** to bring up the TV SETUP menu.
- > Press **◀** twice, followed by **STOP**. The PINCODE menu appears on the screen.
- > Use the number buttons or **▲▼** on Beo4 to enter the four digits of your code. Press **◀** to go back to digits you wish to correct and use **▲** or **▼** to change them.
- > Press **GO** after the last digit is found.
- > Re-enter your code to confirm it and press **GO** again. If the two codes are not identical, the input fields are cleared and you must enter the code again.



If you inadvertently press a wrong button while entering a code, press STOP. The entry is cancelled and the input fields are cleared.

To change or delete your pincode ...

- > Press **MENU** to bring up the TV SETUP menu.
- > Press **◀** twice, followed by **STOP**. The PINCODE menu appears on the screen.
- > Enter the correct pincode and press **GO**. **DELETE PINCODE** is highlighted.
- > To delete your code, press **GO**.
- > To change your code, press **▼** to highlight **NEW PINCODE** and press **GO**. Enter the new code using the number buttons or **▲▼** and press **GO**. Re-enter the new code to confirm it.



NOTE! If you change your pincode more than five times within a three-hour period, the PINCODE menu becomes inaccessible for three hours, assuming the system remains on during this time. Switching off the system lengthens the delay.

Use your pincode

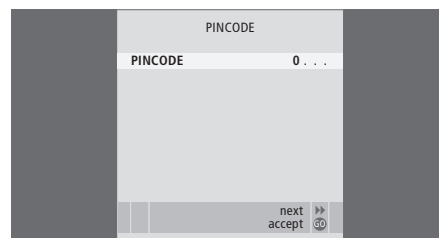
If your television has been disconnected from the mains for 15–30 minutes, the television prompts you for the pincode when you switch it on. You may not be able to switch the television on immediately – wait approximately 30 seconds and try again.

IMPORTANT! If you are prompted for a pincode the first time you switch on your television, contact your Bang & Olufsen retailer.

When your television is switched on ...

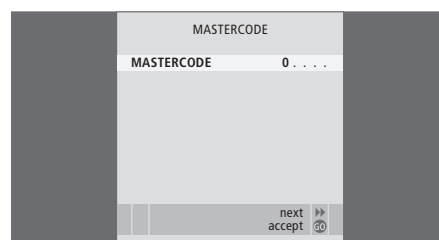
- > Enter the code digits using the number buttons or ▲▼.
- > Press GO when the last digit is entered.
- > Your television starts up again.

Five incorrect entries will cause the television to shut down for three hours, during which operation is not possible.



If you have forgotten your pincode ...

- > Contact a Bang & Olufsen retailer to receive a five-digit mastercode.
- > When the television prompts you for your pincode, press and hold ◀◀ to bring up the MASTERCODE menu.
- > Entering the code digits using the number buttons or ▲▼ and pressing GO will deactivate your pincode and reactivate your television.



To use the pincode system again ...

- > Follow the procedure for activating the pincode system.

NOTE! Should you lose or forget your code, contact your Bang & Olufsen retailer. Your retailer can provide you with a mastercode, which disables your pincode.

Maintenance

Regular maintenance, such as cleaning the television, 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.

Cleaning

Never use alcohol or other solvents to clean any part of the television, stand or wall bracket!

Cabinet 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.

The speaker cover may also be cleaned with a vacuum cleaner, set to the lowest level.

Anti-reflex coated screen ...

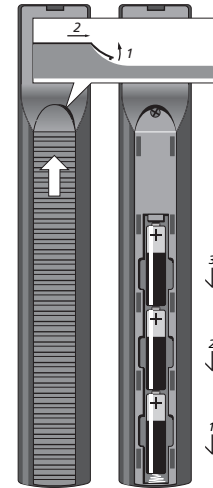
To clean the picture screen, use a mild window cleaning fluid (not containing alcohol). To retain the optimum performance of the screen, make sure that no streaks or traces of the cleaning fluid are left on the screen.

Beo4

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

Changing the Beo4 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 V – 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, wait about 10 seconds until TV appears in the display. The Beo4 remote control is then ready for use.

Do not expose batteries to excessive heat such as sunshine, fire or the like!

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

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!

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or email via: www.bang-olufsen.com

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

