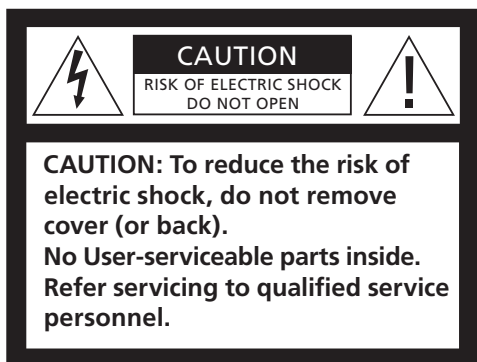


Guide





WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.

To completely disconnect this equipment from the AC Mains, disconnect the mains plug from the wall socket. The disconnect device shall remain readily operable.



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



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Introducing the DVD player, 4

Find out how to operate the hard disc recorder and DVD player with the Beo4 remote control and bring up the menus on your television screen.

Daily use, 11

Find out how to play DVD discs, record and play back programmes, how to view the list of hard disc content and the list of timed recordings. This chapter also contains information about how to pause and replay an on-going programme.

Advanced operation, 31

Find out how to use advanced operations such as how to activate Child Lock, divide recordings and how to make preference settings. The chapter also contains information about how to edit DVD discs.

Placement, settings and connections, 45

Find out how to place, connect and set up your product. This chapter also contains an overview of the connection panels and settings available.

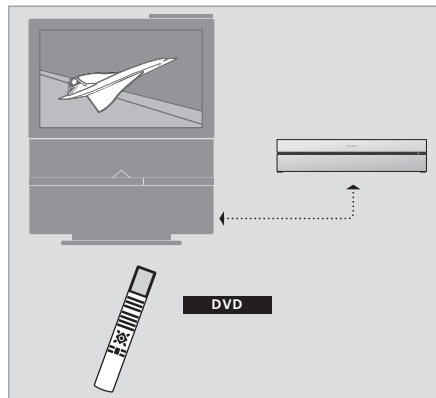
Maintenance, 57**Index, 58**

Introducing the DVD player

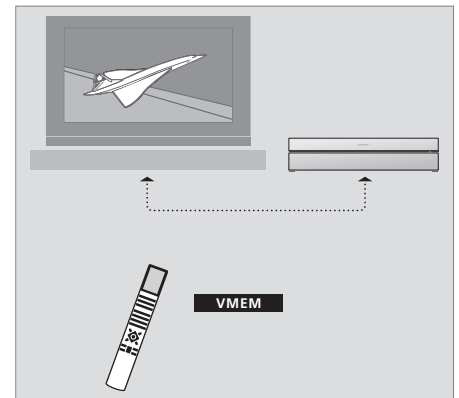
DVD 2 is both a DVD player and a hard disc recorder. With both DVD and high capacity hard disc in the same DVD player, you have the flexibility to keep recordings on the hard disc or copy to a recordable DVD disc for safekeeping or later viewing. The hard disc functionality also has a Replay buffer, which allows you to pause an on-going programme and after a short break carry on where you left off.

The DVD player has a built-in GUIDE Plus+ system. This system offers a free programme listings guide for all supported television channels available in your area. You can also use the GUIDE Plus+ system to programme the DVD player to record your favourite television programmes. Not all television channels are supported by the GUIDE Plus+ system.

Note that in some countries the programme listings guide is not available.



If your DVD player is registered as 'DVD', you press the DVD button to switch it on. When you press the DVD button an inserted DVD disc will start playback automatically.



If your DVD player is registered as 'VMEM', you press the V MEM button to switch it on. When you press the VMEM button the hard disc content menu will appear on the television screen.

DVD player and hard disc recorder

Depending on what the main function of your DVD player is to be, you can set it up in three different ways. However, you can access all functionalities of the DVD player regardless of the configuration.

If the main function is to play back DVD discs, make sure that your DVD player is registered as 'DVD' in the CONNECTIONS menu of your television. For further information about playback of DVD discs, refer to 'Play discs' on page 12.

However, if the main function of your DVD player is hard disc recording, it must be registered as 'VMEM'* in the CONNECTIONS menu of the television. You should also register your DVD player as 'VMEM', if it is connected to a system that already has a DVD player. The DVD button on your Beo4

remote control will in this case be occupied by the other DVD player and therefore it can not be used for DVD 2. For further information about hard disc recording, refer to 'Record here and now' on page 20 and 'Timer recording' on page 16.

If the main function of your DVD player is to record here and now, it must be registered as V.AUX2 in the CONNECTIONS menu of your television. If registered as V.AUX2, the DVD player will start up in tuner mode. For further information about recording, refer to 'Record here and now' on page 20.

The registration in the CONNECTIONS menu also determines which Beo4 button activates the DVD player; DVD, VMEM or V.AUX2.

*NOTE! On some Beo4 remote controls, the DTV button is called SAT and the VMEM button is called VTAPE.

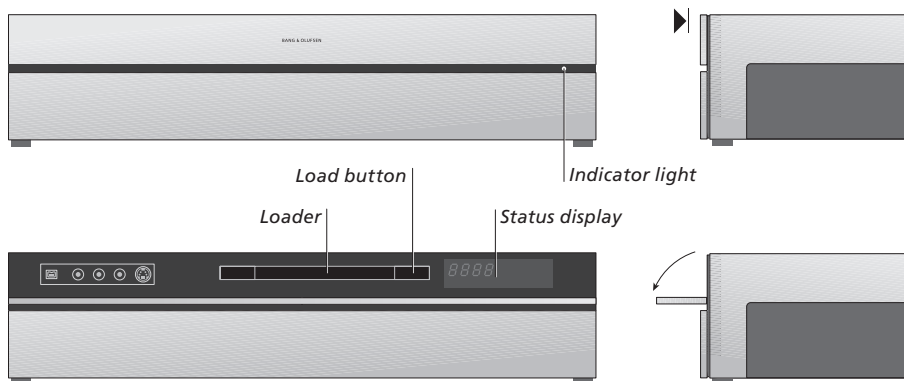
Record programmes

The DVD player gives you the opportunity to record and store television, satellite (DTV*) and set-top box programmes on the hard disc.

You decide whether to store them temporarily or permanently. The instant and timed recordings you make are stored in HARD DISC CONTENT, and the on-going programmes you pause and replay are put temporarily in a six-hour Replay buffer. If you wish, you can move saved programmes from the buffer to the HARD DISC CONTENT. You can also record the programmes stored on the hard disc on a DVD disc.

With this DVD player, you do not have to clutter up your home with piles of video tapes. You can store your recordings on the hard disc and bring up an overview of recordings on your television screen at any time.

In order to ensure that recordings are not deleted from the hard disc, you can protect them from automatic deletion. Refer to 'Protect a recording' on page 28.



The close-up operation panel

> Press the load button to open or close the loader.

To load a disc ...

Press on the front of the top panel to get access to the close-up operation panel.

- > Press the load button on the close-up operation panel. The loader slides out.
- > Place a disc in the loader.

When switched on from standby, the DVD player takes up to 40 seconds to start up.

The status display ...

The status display to the right shows the elapsed playing time of a DVD disc or a recording or the current track number being played on an audio CD. Switching DVD chapters causes the appropriate chapter number to be shown in the display for a few seconds.

The indicator light ...

The DVD player has an indicator light on the right side of the front panel, which shows its different modes.

ORANGE ... The DVD player is recording. When the DVD player receives a record command the orange colour flashes on and off for some seconds before switching to constant orange. While the light indicator flashes on and off the DVD player searches for a matching signal, and you can not switch channel until the signal is found. If you do so, the DVD player will not record the programme you wish to record.

GREEN ... The DVD player is on, but not recording.

RED ... The DVD player is in standby.

Introducing the DVD player and Beo4

Using the Beo4 remote control

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

- Switch on the DVD player. On some Beo4 remote controls, the VMEM button is called VTAPE
- Move through menu options. During playback, move to the next or previous chapter in a recording. Step between frames while playback is paused
- Enter data in on-screen menus or change the speed of playback. In combination with GO step backward or forward in playback
- Access play mode and accept and store instructions and settings
- Reveal additional functions in the Beo4 display, such as V.AUX2
- Pause an on-going programme. Press to pause playback of a recording, and press again to stop playback completely

- DVD
- VMEM
- ▲
- ▼
- ◀▶
- GO
- LIST
- STOP



- DVD The Beo4 display window shows the source you have selected
- RECORD Press to start a manual recording of the selected source, such as television
- 0 – 9 Enter data in on-screen menus, select a channel number
- MENU Bring up the menu overlay
- The coloured buttons give you access to different functions, depending on the source you have selected. In combination with GO they give you access to different on-screen menus
- EXIT Exit menus*
- ^ Adjust sound volume; press in the middle to mute the sound
- ▼
- Switch the DVD player and the television to standby

*NOTE! To exit the EDIT menu, you must press GO then 3.

An explanation of symbols in the Guide

Buttons on the Beo4 remote control

Display on the Beo4 remote control

TV LIST



FORMAT

Using the menu system

On-screen menus allow you to adjust settings and give you access to playback and recording functions.

While the DVD player is switched on ...

Press GO then 0 to bring up the DVD main menu

Press to move between the different menu options and to enter data in the menus

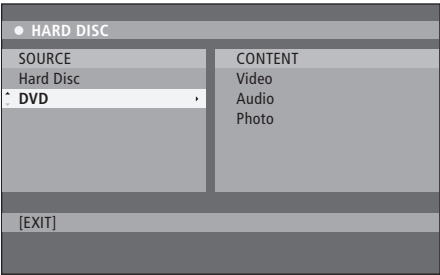
Press to reveal different settings

Press to enter data in the menus

Press to store a setting you have made

Press to select an option in the information bars

Press to leave the menu system and return to the current source



The DVD main menu.

Menu overlay

To see which Beo4 buttons activate specific services or functions, bring up the menu overlay on the screen.

Press MENU then GO in the television menu to bring up the menu overlay

MENU
GO

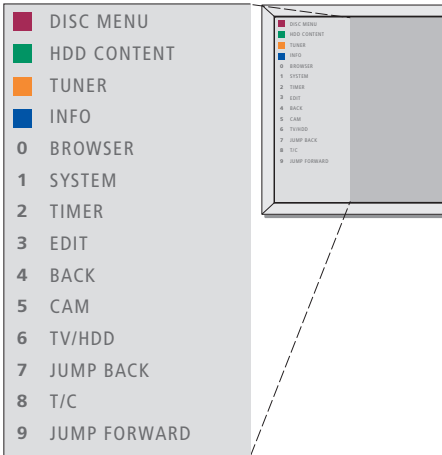
Press the number button that activates the function you want, or ...

1 – 9

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



The menu overlay offers you a shortcut to various functions. When you access these functions outside the menu overlay, you must press GO before pressing a number button or a coloured button.



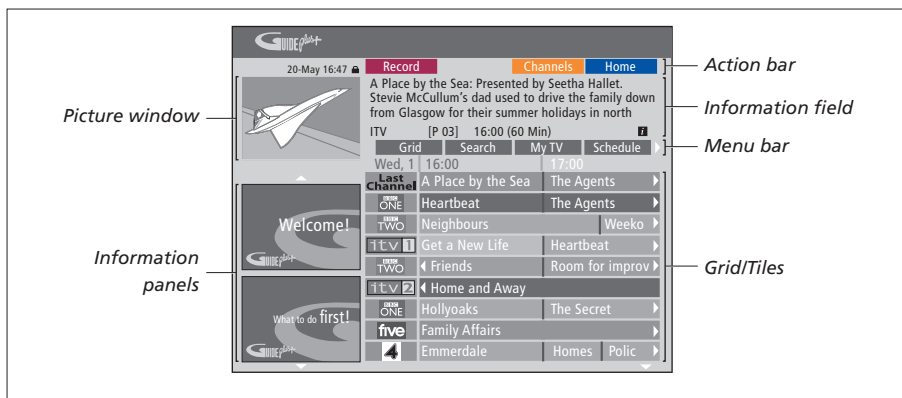
The Beo4 buttons are shown to the left on the menu overlay, and the functions they control are shown to the right. Enclosed with this User Guide you find a Quick Guide that you can use as guidance, especially when you are in a link room, where you cannot access the menu overlay.

NOTE! When you press 0 for browser, the hard disc menu will be brought up.

GUIDE Plus+ system

After the GUIDE Plus+ setup and data download is completed, you can start to explore the different features and areas of the GUIDE Plus+ system.

- > Press and hold **GO** on the remote control for a couple of seconds.
- > Use **▲**, **▼**, **◀** or **▶** to navigate in the menu and follow the instructions on the screen.



The GUIDE Plus+ system is divided in six screen components:

Information Panels ... Display instructions on the GUIDE Plus+ system, programme promotions and advertisements.

Picture Window ... Shows the picture of the current television programme. You can continue to watch the current programme while entering the GUIDE Plus+ system.

Action Bar ... Displays the available functions. The action buttons are activated directly with the respective coloured buttons on the remote control.

Information Field ... Displays short programme descriptions or help menus.

Menu Bar ... Displays the GUIDE Plus+ menus and your current selection.

Grid/Tiles ... Displays the TV listings information by channel and time, seven days in advance.

*If certain channels are missing, go to the EDITOR screen to check and change the channels. In the GUIDE Plus+ menu, press **▲** to go to the menu bar and then **▶** repeatedly to highlight EDITOR. Press **▼** to access the EDITOR menu.*

This chapter describes the features you might use on a daily basis, such as how to play DVD discs, record programmes and play them back and finally how to edit recordings. With the hard disc recorder you also have the possibility to pause on-going television programmes.

Play discs, 12

- During playback of a disc, 12
- Use DVD on-screen menus, 13
- Use the toolbar options, 14

Record a programme, 16

- Timer recording, 16
- Edit Timers, 19
- Record here and now, 20

Pause and replay a programme, 22

- Pause a programme, 22
- During replay, 23
- Replay buffer, 24

Play a recording, 26

- Select the genre of a recording, 26
- Play a recording, 26
- While playing a recording, 27

Edit recordings, 28

- Protect a recording, 28
- Rearrange the list of recordings, 28
- Delete a recording, 29
- Copy a recording, 30
- Name a recording, 30

Play discs

If your DVD player is registered as DVD, playback starts automatically, when you load a disc. If your DVD player is registered as V MEM you must activate playback yourself.

While playing a DVD disc, use the Beo4 remote control to search at varying speeds, step through the disc or bring up a DVD disc menu. You can resume playback of a DVD disc where you stopped last time.

While playing a CD disc, you can pause playback, switch to a new track or select a track by its number.

Note: The DVD player is set for region 2 from the factory. Discs from other regions will not play on the DVD player as long as it is set for region 2. If you need to have the region changed, contact your retailer. Some discs can not be played on the DVD player due to the configuration, condition of recording or characteristics of the disc.

During playback of a disc

When playing a disc you have the possibility to change chapters or tracks, pause and stop the disc and play it back in slow motion.

Play and change chapters or tracks on a disc

Load a DVD or CD disc and press **GO**  then the red button to start playing the disc, or ...

... load a DVD or CD disc and press **GO** **0** then GO to bring up the main menu

Then press  to highlight DVD then **GO** to start playing the disc

Press to step between titles, chapters or tracks 

Press repeatedly to move to another title, chapter or track on the disc 

Enter the title, chapter or track number **0-9**

Press **GO** then 8 to change between chapter step and title step **8**

Press **GO** then 7 to move back in a chapter or title on the disc **GO** **7**

Press **GO** then 9 to move forward in a chapter or title on the disc **GO** **9**

Press  to wind backwards or forwards during playback of a DVD disc. Press again to change speed

Press **STOP** to stop winding and **GO** to resume playback **STOP** **GO**

Pause, slow or stop a disc

Press to pause playback **STOP**

Press and hold  to start slow playback. Press again to change speed

Press again to stop playback completely, or ... **STOP**

... press to resume playback **GO**

NOTE! The factory setting for moving back and forward is five minutes. To change this interval, refer to page 55 in the chapter 'Adjust the system setup'.

Use DVD on-screen menus

In DVD disc menus, you can navigate through different functions and options.

While the DVD player is switched on ...

Press GO then 0 in the television menu to bring up the DVD main menu

GO
0

Press GO then the red button to bring up the disc menu*

GO


Use the arrow keys to move between options in the menus



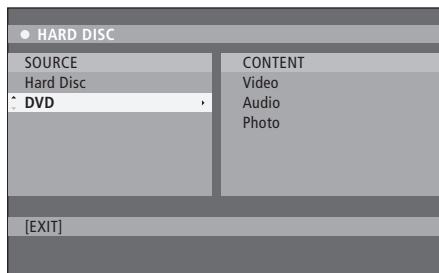
Press GO twice to accept your choice or setting

GO
GO

Press to remove the disc menu

EXIT

**Not all discs contain a disc menu.*



The DVD main menu.

Disc formats

Your DVD player is designed to play back different disc formats. Supported formats are:

- DVD-Video
- Audio CD
- Video CD
- Super Video CD
- CD-R/RW
- DVD-R/RW, provided that these are recorded using the DVD Video format and that the disc is finalised.
- Discs containing mp3 files are supported if the sampling frequency is set to 32, 44.1 or 48 Khz. When playing discs with mp3 files, use ◀ and ▶ to change folders.
- Discs containing JPEG files are supported if the file extension is '*.JPG' and not '*.JPEG'. The DVD player can only display DCF-standard still pictures or JPEG pictures, such as TIFF.

For optimal performance it is recommended not to use larger JPEG files than approximately one megapixel. For further information about JPEG pictures, refer to 'Create a slideshow playlist' on page 38.

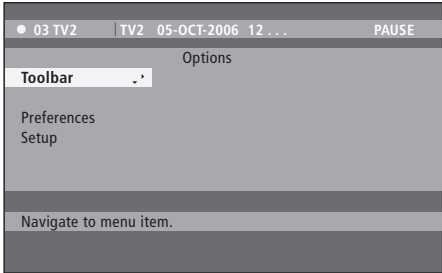
NOTE! If the pincode entry dialogue appears on the television, this means that the Child Lock was activated for the inserted disc. You have to enter your four-digit pin code. Refer to 'Limit access to recordings – Child Lock' on page 40.

Use the toolbar options

Depending on the disc type you can access different functions and options, such as soundtrack language, via the system menu.

- > During playback, press **GO** then **1** on the remote control to bring up the DVD player's system menu.
- > At TOOLBAR, press **▶▶** to highlight OPTIONS. The available options might vary depending on the situation and disc type.
- > Use **▲** or **▼** to highlight the setting you want to adjust and press **▶▶**.
- > Use **▼** to highlight an option.
- > Press **GO** twice to store the setting and leave the menu, or ...
- > ... press **◀◀** to store the setting and proceed to another setting.
- > Press **EXIT** to leave the menu.

If the selection in the menu is greyed out, it means the feature is not available or can not be changed in the current state.



The System menu.

Change subtitle language ...

This operation works only on DVD discs with multiple subtitle languages. You can change to the language you want while playing the DVD disc. This function can also be accessed via the green button on the remote control.

- > Press ▼ to highlight SUBTITLE and press ► to enter its options.
- > Press ▼ repeatedly until the language you want is highlighted, then press ◀ to store the setting. The languages may be numbered or abbreviated, such as 'En' for English.

Some DVD discs allow subtitle language changes only via the DVD disc menu. To access the disc menu, press GO then the red button.

Change audio soundtrack language ...

This operation works only on DVD discs with multiple soundtrack languages or VCDs with multiple audio channels. This function can also be accessed via the red button on the remote control.

- > Press ▼ to highlight AUDIO and press ► to enter its options.
- > Press ▼ repeatedly until the audio language you want is highlighted, then press ◀ to store the setting. The languages may be numbered or abbreviated, such as 'En' for English.

Some DVD discs allow soundtrack language changes only via the DVD disc menu. To access the Disc Menu, press GO then the red button.

Switch camera angles ...

This option is only available with DVD discs that contain sequences recorded from different camera angles. This allows you to view the picture from different angles.

- > Press ▼ to highlight ANGLE and press ► to enter its options. The camera angles available for selection appear.
- > Use ▲ or ▼ to highlight the camera angle you want to switch to, then press ◀ to store the setting.

Zoom in ...

This option allows you to enlarge the picture on the television screen and to pan through the enlarged picture.

- > Press ▼ to highlight ZOOM and press ► to enter zoom in mode. The zoom status bar appears and displays the zoom factor.
- > Press the **blue** button on the remote control to zoom in or the **yellow** button to zoom out.
- > Use ▲, ▼, ◀ or ► to pan through the zoomed picture.
- > Press the **red** button to exit zoom mode.

Search by time ...

This option allows you to skip to a specific point in the current disc.

- > Press ▼ to highlight TIME SEARCH and press ► to enter the time field (hours : minutes : seconds).
- > Use 0–9 to enter the time where playback should start and press GO twice to store the setting. Playback skips to the time entered.

Record a programme

You can make your DVD player record an available source or programme at any time you specify. Set a Timer in the GUIDE Plus+ system menu. Your DVD player starts and stops the recording automatically.

You can enter as many as 25 Timers at one time and up to six hours for each Timer. You can edit or delete your Timers.

To ensure that your Timers are executed correctly, set the built-in clock to the correct time and date. For further information about time and date settings, refer to 'Preference settings' on page 42.

Timer recording

You can make Timer recordings in three different ways. You can make a manual Timer, you can use a programme listings guide* or you can use a third system, which is called either ShowView, G-Code or Video Plus+ depending on the country you live in.

Manual Timer recording ...

- > Switch on the television to the correct channel number for the DVD player.
- > Switch on the DVD player.
- > Press **GO** then **2** on the remote control to bring up the GUIDE Plus+ schedule screen.
- > Press the **green** button on the remote control for MANUAL. The recording date appears.
- > Use **▲**, **▼**, **◀** or **▶** or the **0-9** to enter the recording date, start and stop time.
- > Press the **green** button to store each setting and move to the next menu item.
- > When 'TUNER 01' appears on the display, highlight the source and enter the channel.
To select an external input, highlight 'TUNER' in the menu and use **▲** or **▼** to highlight EXT1, EXT2 or CAM1.
To select an internal television channel, highlight '01' in the menu and use **0-9** to enter the channel.

- > Press the **green** button to store and move to the next menu item. A virtual keyboard appears on the television. Here you can enter the name of the recording.
- > Once complete, press the **green** button to store the setting. The Timer recording will be displayed.
- > The recording settings are displayed in the pink tile. To make changes, press the matching coloured button on the remote control.
- > Press **GO** then **2** to store and exit the menu. TIMER will be shown in the display if a timer recording is set.

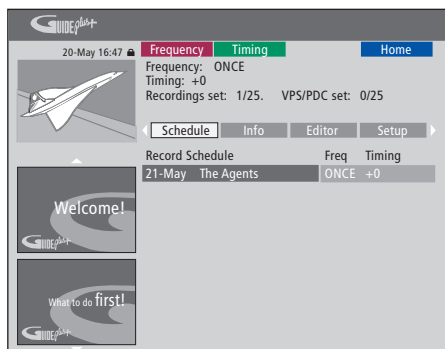
To repeat the recording ...

- > Press the **red** button on the remote control repeatedly to select the repeat recording setting (Once, Weekly, M-F).

To extend the recording ...

- > Press the **green** button on the remote control repeatedly to select adding extra time (+0, +10, +20, +30) to the end of recording or select VPS/PDC (V-P) function. For further information on the VPS/PDC function, refer to page 17.

*NOTE! In some countries the TV programme listings are not available and therefore the programme listings guide cannot be used to make Timer recordings. However, you can still program Timers manually and with the ShowView, G-Code or Video Plus+ recording system.



The VPS/PDC function

The VPS/PDC function ensures that a programme accompanied by the VPS/PDC signals will be recorded in its full length – even if the programme is delayed or prolonged.

An example of a manually programmed Timer.

If the DVD player is not in standby mode, a notification message will appear before the timer recording begins. If you ignore the message, the DVD player will automatically switch to the respective channel and start recording.

During timer recording you cannot change channel in the DVD tuner.

Note that you can not record programmes copy-protected by Macrovision.

Timer recording (programme listings guide) ...

- > While the television is switched on, switch on the DVD player and press **GO** then **2** on the remote control to bring up the GUIDE Plus+ schedule screen.*
- > Use **▲** or **▼** to highlight a desired television channel and use **◀** or **▶** to highlight a programme.
- > Press **GO** then **▲** or **▼** to scroll up or down a page at a time. Press **GO** then **◀** or **▶** to go directly to a day before or the next day TV listings.
- > Press the **red** button on the remote control for **RECORD**.
- > Press **EXIT** to leave the menu.

** If the GUIDE Plus+ setup menu appears, it means that this DVD player has not been installed with the GUIDE Plus+ programme data yet. For further information, refer to 'GUIDE Plus+ system setup' on page 52.*

Timer recording (ShowView/G-Code/Video Plus+ system) ...

- Enter the ShowView, G-Code or Video Plus+ programming number associated with your television programme. You can find this number in your TV listings magazine.
- > While the television is switched on, switch on the DVD player and press **GO** then **2** on the remote control to bring up the GUIDE Plus+ schedule screen.
 - > Press the **red** button on the remote control to bring up the ShowView, G-Code or Video Plus+ entry screen.
 - > Use **0–9** to enter the ShowView, G-Code or Video Plus+ programming number and press **GO** twice to store the setting. If an incorrect programming number is entered, you have to select the correct programme number manually. Follow the instructions on the television to edit the date and time.
 - > The recording settings are displayed in the pink tile. Press the matching coloured button on the remote control to make changes.
 - > Press **GO** and **2** to store and exit the menu. **TIMER** will be shown in the display if a timer recording is set.

For information on how to repeat and extend a recording, refer to page 16.

NOTE! In some countries the TV programme listings are not available and therefore the programme listings guide cannot be used to make Timer recordings. However, you can still program Timers manually and with the ShowView, G-Code or Video Plus+ recording system.

Edit Timers

You can check the Timers that are waiting to be executed, as well as edit or delete them. If the Timers overlap, this is indicated when the Timer is stored.

- > While the television is switched on, switch on the DVD player and press and hold **GO** on the remote control to bring up the GUIDE Plus+ menu.
- > Press **▼** to highlight a Timer which you want to delete or edit.

To edit the Timer programme ...

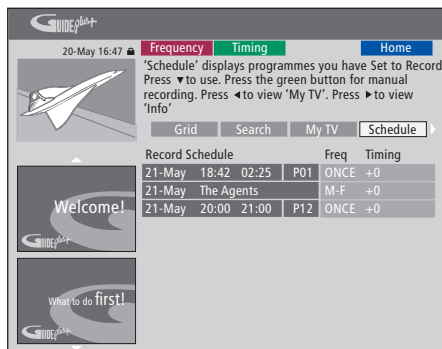
- > Highlight the Timer and press the **green** button on the remote control for EDIT, and follow the instructions on the television to make the necessary changes.
- > Press **GO** and **2** to store and exit the menu

To edit the frequency or timing ...

- > Highlight the respective tile in the menu and press the **red** button to change the frequency or the **green** button to change the timing.
- > Press **GO** and **2** to store and exit the menu.

To delete a Timer ...

- > Highlight the Timer and press the **red** button on the remote control for DELETE
- > Press **GO** and **2** to store and exit the menu.



Abbreviations for days of the week:

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

If programmed Timers overlap, it will be indicated when you store the Timer. Only partially overlapping Timers are stored, and the second Timer will not begin until the first has finished.

Your programmed Timers are listed after start time. Each Timer is identified by source, name (if available), start and stop time and date or weekdays.

Record here and now

You can make a recording here and now. You have the possibility to record one programme and at the same time watch another programme on the hard disc, watch a DVD disc or simply watch another television programme. However in some situations it is not possible to switch to another source or programme.

Record from the DVD tuner and watch another source at the same time ...

- > While the DVD player is switched on, press **GO** then the **yellow** button on the remote control to bring up the DVD tuner.
- > Use **▲** or **▼** or **0–9** to select a channel number.
- > Press **RECORD** twice*. The DVD player begins recording the current programme, up to a maximum of six hours, and you can switch to another source:

Watch a hard disc recording

- > Press **GO** then the **green** button to switch to the hard disc.
- > Use **▲** or **▼** to highlight a recording in the **HARD DISC CONTENT** menu and press **GO** to start playback.

Watch a DVD disc

- > Press the **load** button on the DVD player and load in a disc to start playback.

Watch television

- > Press **TV** to switch to television mode.
- > Press **GO** then the **yellow** button to return to the DVD tuner after you have watched a recording or a disc, or ...
- > ... press **DVD** to return to the DVD player. Then press **GO** then the **yellow** button to return to the DVD tuner after you have watched television.
- > Press **STOP** twice to stop a recording.
- > Press the **standby** button to switch the system to standby.

If your DVD player is registered as VMEM or V.AUX2 and not as DVD, you must choose VMEM or V.AUX2 instead of DVD.

During recording you cannot change channel in the DVD tuner.

*NOTE! On some Bang & Olufsen televisions you just need to press **RECORD** once to start recording. When the DVD player receives a record command, it will start a six-hour recording. If you press **RECORD** again, it will start a 30 minutes recording instead. And each time you press **RECORD**, 30 minutes will be added to the recording until you reach six hours again.

Record from other sources ...

You can start a recording of other sources than the DVD tuner, such as a set-top box.

- > While watching a programme, press **RECORD** twice on the remote control to start recording*.
- > Press **STOP** twice to stop recording. Otherwise, it will stop automatically after six hours of recording.

Do not switch source or channel, and do not switch the television and the source you are recording from to standby during recording. If you do so the DVD player will lose the connection to the television and the source you are recording from.

Changing channels during recording ...

If the television's tuner is selected when it receives a RECORD command it will take up to 40 seconds for the DVD player to search through the tuned channels for a matching channel. During this time the indicator light flashes orange on and off. Do not change channel before the flashing has stopped, and the indicator light is constant orange. Do not change channel if the channel you are recording from is only tuned in on the television and not on the DVD player. If you do that, recording will continue from the new selected channel.

NOTE! You can not start a new recording if there is a recording already in progress, or if the hard disc is full of protected recordings.

Pause and replay a programme

The built-in hard disc recorder allows you to pause an on-going television programme without missing any of it. Just pause the programme and resume when you are ready.

The DVD player begins saving the television programme that is shown in the DVD tuner in a six-hour Replay buffer the moment you switch it on. The DVD player continues saving the programme during replay, so you are sure to see the entire programme.

You can switch directly to the live programme at any time.

Pause a programme

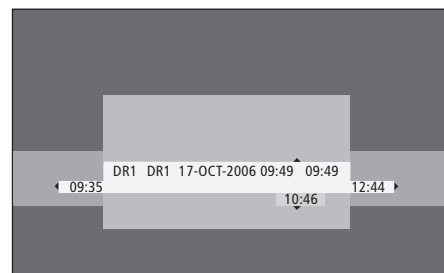
If you wish to be able to pause and replay an on-going program, you must watch television through the DVD tuner. You can pause a programme that is being recorded, but you can not pause or replay a programme while the DVD player is recording another programme or copying a recording, nor can you pause or replay programmes copy-protected by Macrovision.

To select the DVD tuner ...

> Press **GO** then the **yellow** button to bring up the DVD tuner.

To pause an on-going programme ...

> Press **STOP** to pause the on-going programme.
 > Press **GO** to resume playback.
 > Press **GO** then the **yellow** button to return to the live programme.



An example of the status window. A programme is being replayed after a pause. 9:35 indicates the start time of the television programme. 12:44 indicates present time. 10:46 indicates the current position and time of the television programme broadcast and how far you are behind the live signal.

During replay

During replay, you can cue through the Replay buffer forwards or backwards, play in slow motion, and step frame-by-frame or minute-by-minute.

To replay a programme that you have paused ...

Press to replay the programme. **GO**

Press to move to the next or previous marker or chapter during replay **▲ ▼**

Press to cue backwards or forwards during replay. Press again to change speed. **▶▶ ◀◀**

Press to pause replay. **STOP**

While replay is paused, press repeatedly to step frame-by-frame forwards or backwards through the programme. **▲ ▼**

From pause mode press to start slow replay forward or backward. Press again to change speed. **▶▶ ◀◀**

Press STOP then GO to resume replaying the programme from the buffer **STOP GO**

When watching a live television programme, press GO then 7 to jump back five minutes upon every single press for instant replay **GO 7**

After jumping back in a live television programme, press GO then 9 to jump forward five minutes upon every single press **GO 9**

When you reach either end of the Replay buffer, replay starts from that end automatically.

Switching channel during replay ...

You can switch from one live channel to another at any time, but switching channel causes the Replay buffer to stop saving the channel you left and start saving the new channel instead.

Switching source during replay ...

Switching to an external source, such as DTV or TV, causes the DVD player to switch off after 30 minutes. Consequently, the DVD player stops saving to the Replay buffer and the content of the Replay buffer is lost.

Switching to a built-in source, such as DVD, will not interfere with the buffering.

Important!

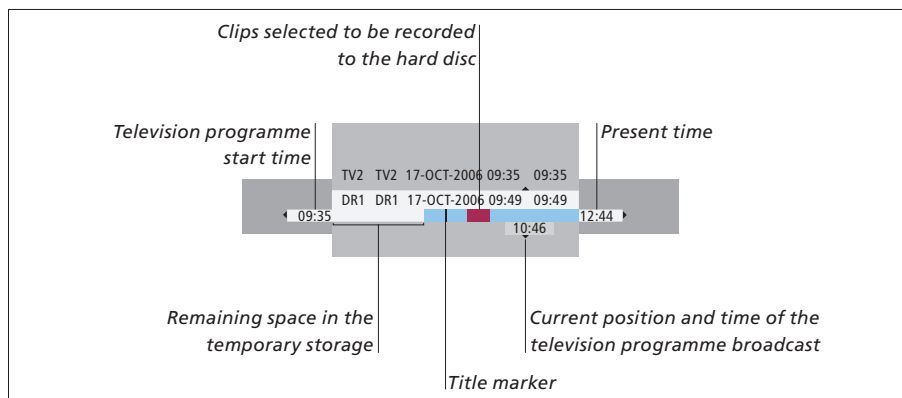
Content of the Replay buffer is not protected. If the buffer is full and you continue to save programmes to it, the oldest content is deleted as the new programmes are saved. If you wish to be completely sure of keeping a programme, start a recording to the hard disc.

For information on recording to the hard disc or for information in general on the Replay buffer, refer to 'Replay buffer' on page 24.

Replay buffer

The television programme that is shown in the DVD tuner will be stored in the temporary hard disc storage called the Replay buffer once the DVD player is switched on. It will continuously store up to six hours of television programmes.

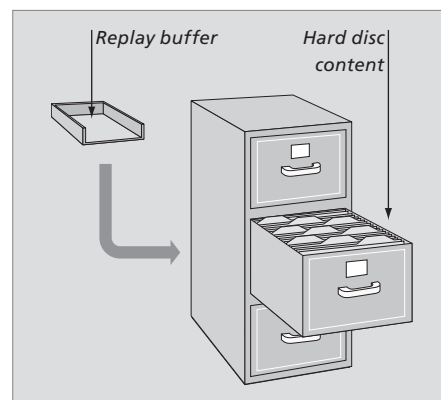
The replay video bar will appear on the television. It indicates the status and timing of the television programmes stored in the temporary hard disc storage. You can choose to display or hide the video bar by pressing GO then the blue button on the remote control.



The replay video bar consists of the following information:

- The television programme start time. Once it has exceeded six hours, the beginning of the contents will be deleted and the start time will be changed accordingly.
- Remaining space in the temporary storage.
- Clips that are selected to be recorded onto the DVD player (marked red).
- Current position and time of the television programme broadcast.
- Title markers (when you switch to a television channel for more than one minute, a new title marker will be created).
- Present time

Note: The Replay buffer can only store up to six hours of television programmes. All the contents will be cleared when you press STANDBY to switch off the DVD player. However, if a recording is in progress when you switch the DVD player to standby, the Replay buffer will not be cleared until the DVD player stops recording.



About space management and protection

The DVD player has a space management feature which, when necessary, automatically makes space for manual and timed recordings. It does so by deleting the required amount of content on the hard disc.

Marking the contents for recording ...

You need to 'mark' the contents in the temporary hard disc storage before it can be recorded to the hard disc, see 'Record from the Replay buffer' on this page.

To select a recording (programme)

- > Press **GO** then the **blue** button to show the overview panel.
- > Press **GO** then **▲** or **▼** to select a recording.

To find a scene within the recording

- > Use **◀** or **▶**.

To record the current programme

- > Press **RECORD** twice. Press **RECORD** again to start a 30 minutes recording.

To mark for recording from the current scene

- > Press the **red** button.

To cancel the marked recording

- > Press the **red** button.

To end the recording

- > Press **STOP** twice.

*When the Replay buffer is on-screen, the DVD player is in play mode and **▲**, **▼**, **◀** and **▶** do not function as cursor movement. Instead, press the yellow button on the remote control in Replay buffer mode to go to the list of programmes, and press **GO** then **▲**, **▼**, **◀** or **▶** to navigate through the list.*

Record from the Replay buffer

- > Press **GO** then the **blue** button on the remote control to display the replay video bar.
- > Use **GO** then **▲** or **▼** to select a television programme that can be found in the temporary hard disc storage.
- > Use **◀** or **▶** to search for the beginning of the scene where you want to start recording, then press **STOP**.
- > Press the **red** button on the remote control to start recording from here.
- > Press **GO** to continue playback.
- > Press **▶** to search for the point where you want to end the recording and press **STOP** twice on the remote control. A red marking will be visible on the video bar to indicate the marked recording.
- > Press **GO** to continue playback or press **GO** then the **yellow** button to go to the live signal in the DVD player.

What clears the contents in the Replay buffer ...

Executing the following actions will clear the contents in the temporary hard disc storage:

- Press **GO** then **5** on the remote control for access to the camcorder mode.
- Enter the **SETUP** option in the system menu.
- Change the **RECORD MODE**.
- Switch the DVD player to standby mode

If you execute the first three of these actions, you will be asked if you want to continue.* To proceed and clear the contents in the temporary hard disc storage:

- > Press **GO** twice on the remote control to select **YES** in the menu, OR
- > Highlight **NO** in the menu and press **GO** twice on the remote control to exit without accepting to clear.

**Note that when you press the standby button you will not be asked if you wish to continue. The DVD player will switch to standby and the Replay buffer will be cleared.*

Play a recording

You can select the genre of a recording, play back, pause and stop a recording, and you can change between chapters, cue forward and backward. In addition you can play back your recordings in slow motion. When you select a recording to play, the DVD player automatically resumes playback from where you left off the last time the same recording was played.

The recordings you make are stored in the hard disc content as TITLES.

A recording will be given a name automatically, or you can give it a name when you make the Timer. To change the name of a recording, refer to 'Name a recording', on page 30.

Select the genre of a recording

You can select the genre type provided in the list for easy and fast searching of a recording.

While the DVD player is switched on ...

- > Press **GO** and then the **green** button to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight a recording and press **GO** then **3** on the remote control to enter edit mode.
- > Highlight GENRE in the menu and press **▶▶**.
- > Use **▲** or **▼** to highlight a genre type and press **GO** twice to store the setting.
- > Press **GO** then **3** to exit edit mode

Play a recording

- > Press **GO** then the **green** button to bring up the HARD DISC CONTENT menu.
- > Press **▲** or **▼** to highlight the recording you wish to play.
- > Press **GO** to play the highlighted recording.

Playback information can be brought up at any time during playback by pressing GO then the blue button. To remove playback information, press GO then the blue button.

Play an on-going recording ...

You do not need to wait until a recording is completed before starting playback. You can start playback of an on-going recording at any time.

- > While the recording is in progress, press **GO** then the **green** button to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight the on-going recording.
- > Press **GO** to play the recording.

If a recording is in progress, it is played from the beginning. This does not interrupt the recording process!

While playing a recording

During playback of a recording you can move to a specific chapter, play back the recording in slow motion or you can pause playback and resume when you are ready.

Change between chapters ...

Press to switch to the previous or next chapter ▲ ▼

Press to cue backwards and forwards during playback. Press again to change speed ◀ ▶

Press GO then 7 to move back in a recording GO 7

Press GO then 9 to move forward in a recording GO 9

From pause mode, press to start slow playback ▶▶

From pause mode, press to start slow reverse playback ◀◀

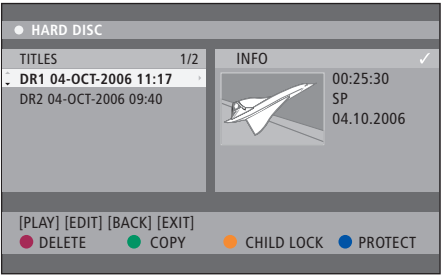
Pause and stop playback of a recording ...

Press to pause playback STOP

Press to step frame-by-frame forwards or backwards through a recording ▲ ▼

Press again to stop playback completely. The HARD DISC CONTENT menu appears STOP

Press to resume playback GO



The hard disc content menu.

Edit recordings

If the hard disc is full and you program a timed recording or initiate a manual recording, the built-in hard disc recorder automatically makes room for the new recording by deleting old recordings.

However, you can protect your most important recordings by excluding them from this feature. You can also delete recordings at any time if you wish to manage hard disc space yourself.

In addition you can rearrange your recordings as you wish.

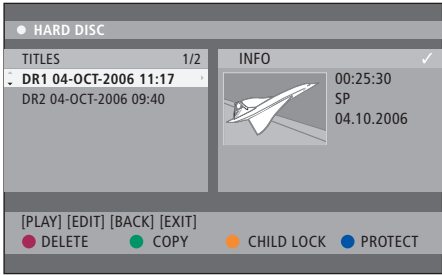
Protect a recording

Protected recordings are excluded from the space management function under all circumstances. If the hard disc is full and all recordings are protected, you can not make timed recordings or manual recordings.

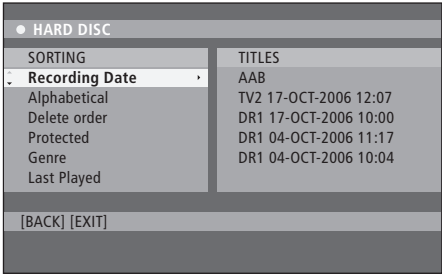
To protect your recordings ...

- > Press **GO** then the **green** button to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight the recording you wish to protect or unprotect.*
- > Press the **blue** button to protect or unprotect the recording against editing or automatic deleting.

Any recording in process stops automatically when the capacity of the hard disc is reached.



With the matching coloured buttons you are offered different editing options, such as deleting and protecting recordings.



The sorting menu.

*NOTE! The recordings you make are stored in the hard disc content as TITLES. If you do not give it a name, a recording will be named automatically until you change its name. Refer to 'Name a recording' on page 30.

Rearrange the list of recordings

You may organise the recordings in a specific order according to certain criteria for easy locating the recordings. This order will remain until you exit the content menu.

While the DVD player is switched on ...

- > Press **GO** then **0** to bring up the HARD DISC menu.
- > Press **►►** to select the SORTING menu.
- > Use **▲** or **▼** to select one of the sorting options.
- > Press **EXIT** to leave the menu.

Sorting options

RECORDING DATE ... Lists the recordings by the date recorded.

ALPHABETICAL ... Lists the recordings by alphabetical order.

DELETE ORDER ... Lists the recordings by deletion order when the hard disc has no or less space for new recordings. Recordings must be deleted manually.

PROTECTED ... Lists the recordings by protected against deletion.

GENRE ... Lists the recordings by the genre you have specified.

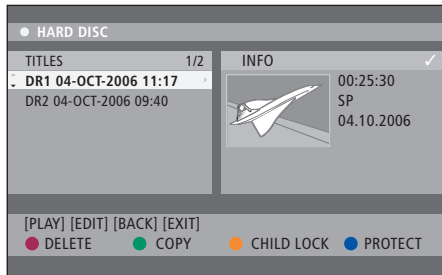
LAST PLAYED ... Lists the recordings by the sequence of recordings last played.

Delete a recording

You can delete at any time any recordings you do not want. However, if you want to delete a protected recording, you have to unprotect it first.

To delete a recording ...

- > Press **GO** then the **green** button to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight the recording you wish to delete.
- > Press the **red** button to delete the highlighted recording from the hard disc.



Copy a recording

You can copy a recording from the built-in hard disc to a recordable DVD disc.

While the DVD player is switched on ...

- > Press **GO** then the **green** button to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight the recording you wish to copy.
- > Press the **green** button to copy the highlighted recording from the hard disc to a recordable DVD disc.

Name a recording

If a recorded television programme is given a name automatically, or if you have made a recording manually, you can make this recording easier to find in the HARD DISC CONTENT menu by giving it a new name.

While the DVD player is switched on ...

- > Press **GO** then the **green** button on the remote control to bring up the HARD DISC CONTENT menu.
- > Use **▲** or **▼** to highlight a recording and press **GO** then **3** on the remote control to enter edit mode.
- > Highlight TITLE NAME in the menu and press **►►**.
- > Use **▲** or **▼** to change character or number, or use **0–9** to make an entry. Use **◀◀** or **►►** to move to the next or previous field. Press **GO** then **8** on the remote control to switch between upper and lower case characters. Press the **red** button on the remote control for **CLEAR** to clear the name of the recording.
- > Press **GO** twice to store the changes.
- > Press **GO** then **3** to exit edit mode.

This chapter describes the possibilities for advanced editing of your recordings. You can split and merge recordings. You can perform different playback features, for example create a slideshow, and limit access to your recordings with the Child Lock function. Furthermore you can change preference settings, such as recording mode, auto protection and sound mode.

Advanced editing of recordings, 32

- Divide one recording into two, 32
- Merge or split a chapter, 33
- Hide unwanted scenes, 33
- Show hidden scenes, 33
- Delete all chapter markers, 34
- Edit DVD discs, 34

Advanced playback features, 36

- Features during playback, 36
- Create a slideshow playlist, 38

Limit access to recordings – Child Lock, 40

- Activate Child Lock, 40
- Set a Child Lock code, 41

Preference settings, 42

- Adjust preference settings, 42

When you have made a recording, you can among other things hide unwanted scenes or split the recording into two separate recordings.

The OPTIONS menu allows you to activate, change or deactivate settings for the selected recording.

Note: No editing can be carried out on a protected recording. For further information, refer to 'Protect a recording' on page 28.

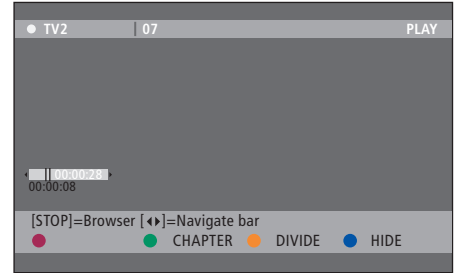
Divide one recording into two

You can divide a single recording into two or more recordings. You can use this function to separate and delete undesired portions of a recording, and it can make it easier for you to, for example, find a particular scene when browsing through a long recording.

To divide a recording into two ...

- > During playback of a recording, press **GO** then **3** on the remote control.
- > Press **◀** or **▶** to search for the scene you want to edit, then press **STOP**.
- > Press the **yellow** button on the remote control for **DIVIDE**. A new recording and new index picture will be created from the current point of playback.* Each of the two 'halves' keeps the name of the original recording, but you can change the names at any time, as described on page 30. The times on the screen – the start time and elapsed time – are changed accordingly.

Note: Once a recording has been divided, it can not be reversed.



Divide one recording into two at a point of your choice.

*NOTE! The recordings you make are stored in the hard disc content as TITLES. If you do not give it a name, a recording will be named automatically until you change its name. Refer to 'Name a recording' on page 30.

Merge or split a chapter

You can create a chapter by using the **SPLIT** option and insert a chapter marker or by using the **MERGE** option and remove a chapter marker.

- > During playback of a recording, press **GO** then **3** on the remote control to enter edit mode.
- > Press the **green** button on the remote control for **CHAPTER**. The chapter editing menu appears.
- > Press **▲** or **▼** on the remote control to search for the scene you want to edit, then press **STOP**.
- > Press the matching coloured buttons on the remote control to access the options displayed at the bottom of the menu.
- > Press the **green** button to return to the previous screen.
- > Press **GO** then **3** to exit edit mode.

To merge a chapter ...

- > Press the **red** button on the remote control to merge the current chapter with the chapter before it. If the two chapters were hidden, then the joined chapter will also be hidden.

To split a chapter ...

- > Press the **yellow** button to insert a new chapter marker at the current point of playback. This will allow you to access a specific point in the recording easily or set a chapter you wish to hide, such as commercial scenes.

There is a limit on chapter markers that can be stored within a recording and on the hard disc.

Hide unwanted scenes

You can choose to hide certain scenes for playback (e.g. skipping a commercial scene) or make the hidden scene visible again.

- > During playback of a recording, press **GO** then **3** on the remote control to enter edit mode.
- > Press **▲** or **▼** on the remote control to search for the scene you want to edit, then press **STOP**.
- > Press the **blue** button on the remote control for **HIDE**. It will set the start marker for hide.
- > Press **▲** on the remote control to search for the end of the scene to hide, then press the **green** button for **STOP HIDE**. It will set the end marker for hide. The 'hidden' area will be greyed out. Otherwise, cancel the operation by pressing the **blue** button on the remote control for **CANCEL**.
- > Press **GO** then **3** to exit edit mode.

Show hidden scenes ...

- > During playback of a recording, press **GO** then **3** on the remote control to enter edit mode. While in video editing mode, the hidden chapter will play.
- > Press the **blue** button on the remote control for **SHOW**. It will mark the beginning of the scene to show.
- > Press **▲** on the remote control to search for the end of the scene to show, then press the **green** button for **STOP SHOW**. Otherwise, cancel the operation by pressing the **blue** button on the remote control for **CANCEL**.
- > Press **GO** then **3** to exit edit mode.

All the hidden chapters will be played back while in video editing mode.

Delete all chapter markers

If you have set the chapter marker function to ON, the chapter marker is set automatically at a specific interval during recording. You can choose to delete all the chapter markers when the recording has finished.

- > During playback of a recording, press **GO** then **3** on the remote control to enter edit mode.
- > Press the **red** button on the remote control for NO CHAPTER. It will delete all the chapter markers in the current recording.
- > Press **GO** then **3** to exit edit mode.

The factory setting of chapter markers is OFF. For information about how to change the chapter settings, refer to page 43 in the chapter 'Adjust preference settings'.

Edit DVD discs

You can change the disc content and settings of a recorded DVD disc from the editing menu. If a DVD±R has been finalised, it can not be edited. The edited contents may not be available if you play the disc on another DVD player.

The displayed options in the editing menu vary depending on the situation and disc type. Options are the following.

- Change disc name
- Make DVD compatible (DVD±RW only)
- Finalise disc (DVD±R only)
- Change title name
- Video editing

If a DVD±RW has been recorded in a computer drive or in another recorder, the Index Picture screen may not be displayed correctly. You have to adapt the disc menu to the format of this DVD player before editing. ADAPT MENU in DISC SETTINGS allows you to change the format of the disc to the 'Bang & Olufsen' type. Refer to 'Preference settings' on page 42. Once you press GO twice, a message to accept your action will appear on the television.

Delete a DVD disc recording ...

- > Insert a recorded DVD disc into the DVD player. The Index Picture screen appears. If not, press **GO** then the **red** button.
- > Use **▼** or **▲** to highlight a title from the menu.
- > Press the **red** button on the remote control for DELETE.
- > A warning message appears. Press **GO** twice on the remote control to proceed*. Otherwise, highlight CANCEL in the menu and press **GO** twice to abort the operation.

Protect a disc recording (DVD±RW) ...

- You can choose to protect the recorded title on a DVD±RW in order to prevent the recordings from being accidentally erased or edited.
- > Insert a recorded DVD±RW into the DVD player. The Index Picture screen appears. If not, press **GO** then the **red** button.
 - > Use **▲** or **▼** to highlight a title from the menu.
 - > Press the **blue** button on the remote control for PROTECT. Once the recording has been protected, the blue button option will change to UNPROTECT. Choose this to cancel the protect setting if required.

*NOTE! For DVD±RW discs, 'Empty Title' will appear on the Index Picture screen where the recording was deleted. The empty space can be used for new recordings. For DVD±R discs, 'Deleted title' will appear on the Index Picture screen where the recording was deleted. During playback, the deleted recording will be skipped. For DVD±R discs, the deleted space can not be used for further recordings.

The additional playback features gives you the possibility to repeat segments of recordings, scan DVD discs and use the shuffle option. In addition you can create a slideshow playlist.

The operating features described here might not be possible for certain discs.

Features during playback

You can use the matching coloured buttons to access additional playback features during playback of a disc.

Repeat play ...

The repeat play options vary depending on the disc type.

- > During playback, press the **yellow** button on the remote control to select one of the repeat options.
 - Repeat chapter (DVD, DVD±R/±RW only)
 - Repeat track/recording
 - Repeat album/playlist (if applicable)
 - Repeat entire disc (video CD, audio CD, DVD±R/±RW only)
- > To cancel repeat playback, press the **yellow** button repeatedly until the repeat mode is off or press **STOP** twice.

Repeat a specific segment (A-B) ...

You can repeat the playback of a specific segment within a recording or across chapters and tracks. To do this, you must mark the start and end of the segment you want to repeat.

- > During playback, press the **blue** button on the remote control. This indicates that the start point has been marked.
- > Press the **blue** button again to mark the end of the segment. A visual marker is placed on the programme bar. Playback skips to the start of the marked segment. The segment is repeated until the repeat mode is cancelled.
- > Press the **blue** button once again to cancel repeat playback.

Scan a DVD disc ...

(for CD, VCD, DVD±R/±RW discs only)

This function allows you to preview the first 10 seconds of each track on the disc.

The SCAN option is only possible if it is displayed at the bottom of the screen when you press GO then 1 on the remote control.

- > During playback, press the **red** button on the remote control. The DVD player skips to the next track after 10 seconds of playback.
- > Press the **red** button again to resume normal playback.

Shuffle play ...

(for VCD, DVD +/- R, DVD +/- RW discs)

Select shuffle play mode to allow the DVD player to randomly select and play tracks on the disc.

The SHUFFLE option is only possible if it is displayed at the bottom of the screen when you press GO then 1 on the remote control or GO and then the blue button.

- > Press the **green** button on the remote control. It will start playback of all the chapters within the recording in a random order.
- > Press the **green** button again to cancel shuffle playback.

Create a slideshow playlist

You can customise the JPEG picture slideshow playback within a disc by storing your selection in an album. The DVD player can handle up to a maximum of 100 JPEG pictures in one album on a recordable disc, depending on the JPEG file parameters.

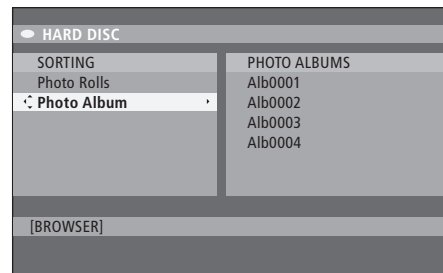
- > Collect your favourite photos from the 'PHOTO ROLLS' and add to an album for creating a new slideshow playlist. See "Add photos to an album".
- > If necessary, edit the photos in the album. See "Edit the album".
- > Highlight the photo album in the menu and press **GO** to start the slideshow playback.

About Photo Rolls/Photo Album ...

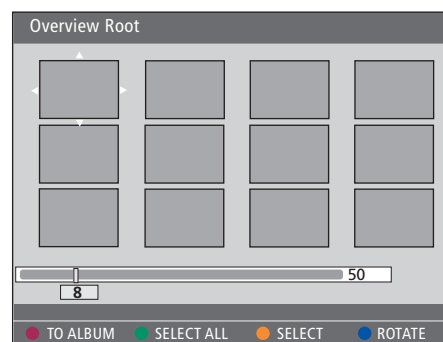
- PHOTO ROLLS is a folder for storing original JPEG pictures and they are protected. It is comparable with a conventional 35mm film for cameras. Rolls will be created automatically from the digital cameras.
- PHOTO ALBUMS contains different JPEG pictures created from the rolls. You can delete an album without deleting the pictures of the rolls.

Add photos to an album ...

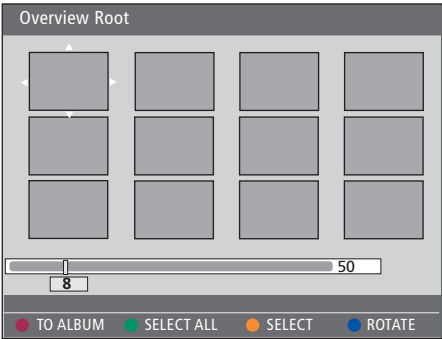
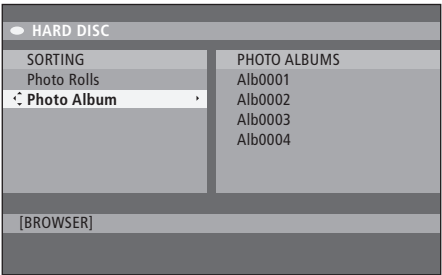
- > Insert a JPEG photo CD (CD, DVD±RW, DVD±R). The content menu appears.
- > Press **▶▶** repeatedly until the PHOTO ROLLS and INFO menus appear.
- > Highlight a photo roll folder and press **GO** twice to show the thumbnail pictures overview.
- > Use **▲**, **▼**, **◀◀** or **▶▶** to highlight the photo which you wish to add to the album and press the **yellow** button on the remote control for **SELECT**.
To highlight all the photos, press the **green** button for **SELECT ALL**.
To rotate the highlighted photo in 90 degree clockwise increments, press the **blue** button for **ROTATE**.
- > Press the **red** button on the remote control for **TO ALBUM**. The 'Add to Photo Albums' menu appears.
- > Create a new album or highlight an existing album, then press **GO** twice to add the photo(s) to it. The selected photos are now stored in the album.



The content menu.



When standing in a photo roll folder, you have different editing options.



Edit the album ...

You can rearrange the picture position in the album in order to create the desired slideshow playback order, or remove the photo(s) from the album. The order and number of the pictures in the 'PHOTO ROLLS' remain unchanged.

- > Insert a JPEG photo CD (CD, DVD±RW, DVD±R). The content menu appears.
- > Press **▶▶** to highlight the SORTING menu and press **▼** to highlight 'PHOTO ALBUMS'.
- > Press **▶▶** again to access the PHOTO ALBUMS menu and use **▲** or **▼** to highlight an album.
- > Press **GO** twice to show the thumbnail pictures overview.
- > Use **▲**, **▼**, **◀◀** or **▶▶** to highlight the photo which you wish to move and press the **yellow** button on the remote control for SELECT.
- > Press the **green** button on the remote control for MOVE. A 'navigator' will appear on the menu. It enables you to select the position between the photos.
- > Use **▲**, **▼**, **◀◀** or **▶▶** to move the 'navigator' around the menu and press **GO** twice to accept the position where you want to insert the photo.

To change the album name and date ...

- > Highlight the album and press **GO** then **3** on the remote control to enter edit mode. Make the necessary changes on the respective fields and press **GO** twice to store and **GO** then **3** to exit edit mode.

To delete the album ...

- > Highlight the album and press the **red** button on the remote control for DELETE.

To rotate a photo ...

- > Highlight the photo in the menu and press the **blue** button for ROTATE.

To remove a photo from the album ...

- > Highlight the photo in the menu and press the **red** button on the remote control for REMOVE.

Limit access to recordings – Child Lock

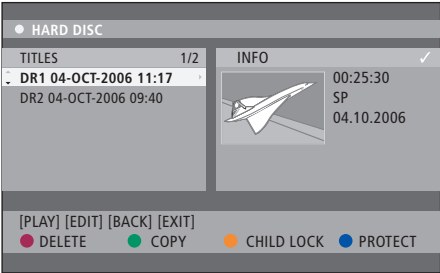
You can prevent access to your DVD discs and recordings in your DVD player by activating the Child Lock function. This requires that you first enter a Child Lock code.

The CHILD LOCK CODE menu allows you to set a code that limits access to your recordings. The Child Lock code is set once, after which it needs to be activated at each of the recordings you want to limit access to.

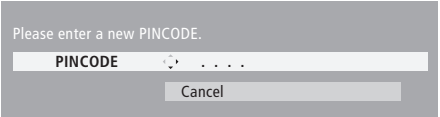
Activate Child Lock

Enter the Child Lock code to view recordings protected by Child Lock.

- While the DVD player is switched on ...*
- > Press **GO** then **0** to bring up the HARD DISC menu.
 - > Press **▼** to highlight the source you wish to bring up, and then **▶▶** repeatedly until TITLES and INFO appear.
 - > Press **▼** to highlight a recording then press the **yellow** button on the remote control to set the Child Lock on or off. A four-digit pincode must be entered in order to play the locked discs or recordings in the hard disc.



You can choose to lock or unlock your DVD discs or your recordings in the HARD DISC CONTENT menu.



You can limit the access to your recordings by setting and activating the Child Lock function

NOTE! The Child Lock function will only appear as an option in the content menus of the DVD and hard disc if you have set the Child Lock code and activated it in the system menu.

Set a Child Lock code

Before you can use the Child Lock function, you must set a Child Lock code.

While the DVD player is switched on ...

- > Press **GO** then **1** to bring up the system menu
- > Press **▼** to highlight PREFERENCES and press **▶▶** repeatedly to highlight ACCESS SETTINGS, then press **▼** to access.
- > Use **0–9** to enter a four-digit pincode of your own choice.
- > Press **EXIT** to leave the system menu.

When you have set a four-digit code, you can activate or deactivate the Child Lock function in the ACCESS SETTINGS menu by choosing ON or OFF.

Change pincode ...

- > Use **0–9** to enter your new four-digit pincode. You must enter the same pincode again to confirm it.
- > To cancel your change, press **▼** to highlight CANCEL in the menu and press **GO** twice on the remote control.

If you forget your pincode ...

- > Enter **1504** instead of the pincode you have forgotten.
- > Enter a new four-digit pincode. You must enter the same pincode again to confirm it.

Preference settings

The DVD SYSTEM menu enables you to choose your preferred settings for DVD playback and you can activate, adjust and deactivate functions relating to day-to-day use of your DVD player.

In the SYSTEM menu, you can choose preference settings for the following:

- Mode for recording
- Recording language
- Protection of recordings
- Chapters in recordings
- Modes for sound setting
- Adapting DVD disc menu
- Deleting DVD disc recordings
- Child Lock, which limits access to recordings
- Auto resume

Adjust preference settings

You may want to change the preferences set for your recordings and DVD discs. You can do this in the system menu.

- While the DVD player is switched on ...*
- > Press **GO** then **1** to bring up the system menu.
 - > Press **▼** to highlight PREFERENCES and press **▶▶** repeatedly to see the available setup options, then press **▼** to access.
 - > Highlight the setting you wish to change and press **▶▶**. When you have changed the setting, press **◀◀** to go to the previous highlighted item.
 - > Press **EXIT** to leave the system menu.

If the selection in the menu is greyed out, the feature is not available or can not be changed in the current state.



The preference settings menu.

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

On some Bang & Olufsen televisions you just need to press RECORD once to start recording. These television do not have record lock, so you can not change channel or switch off the television without disrupting the recording.

What's on the recording setting menu ...

RECORD MODE ... Define the picture quality of recordings and the maximum recording time on the hard disc.* Options are: STANDARD PLAY, STANDARD PLAY PLUS, LONG PLAY, EXTENDED PLAY, SUPER LONG PLAY and SUPER EXTENDED PLAY. The hours of recordings that can be made vary from approximately 42 to 336, depending on the record mode quality chosen.

LANGUAGE ... Select the recording language to be used for television programmes which are transmitted in an additional audio language. Choose between LANG I for original broadcast language and LANG II for additional audio language.

AUTO PROTECT ... With this feature switched on, the new recordings will automatically be protected. Options are ON and OFF.

CHAPTERS ... Automatically divides a recording into chapters by inserting chapter markers at a specific interval. Options are OFF, STANDARD and SMART. The SMART option is only available for DV camcorder recording. The factory setting is OFF.

**When copying from the hard disc to a recordable DVD disc, the recording mode of the selected recording on the hard disc will automatically be transferred. Selecting another recording mode is not possible. The factory default setting is SP.*

What's on the sound setting menu ...

SOUND MODE ... This setting is only required if you use the AUDIO OUT L/R sockets of the DVD player to connect other audio/video sources. Options are STEREO and SURROUND.

NIGHT MODE ... This mode optimises playback of sound at low volume. High volume outputs will be softened and low volume outputs are brought upward to an audible level. Options are ON and OFF.

NIGHT MODE is only applicable for DVD video discs with Dolby Digital mode.

What's on the disc setting menu ...

ADAPT MENU ... This feature allows you to change the format of the disc to the 'Bang & Olufsen' type if a DVD±RW has been recorded in a computer drive or in another recorder, and the Index Picture screen is not displayed correctly.

DELETE ALL ... Select this to delete all the recordings from the current recordable DVD disc.

What's on the access setting menu ...

CHILDLOCK ... With this feature, you can prevent children from viewing certain discs or the recordings in the hard disc. When this feature is enabled, it will appear as CHILDLOCK at the bottom of the coloured options screen whenever you highlight a recording in the content menu. Options are ON and OFF.

CHANGE PIN ... This feature allows you to change your Child Lock pincode. You can also cancel the change you have entered.

What's on the feature setting menu ...

AUTO RESUME ... With this feature, you can resume playback of the disc from its last stopped point. This applies to the last 20 DVD discs and Video CDs you played. Options are ON and OFF.

In this chapter you can find information on how to set up your DVD player, place it correctly and how to connect it to your television. Moreover, you can find out how to make the settings you prefer for the setup of your DVD player and you can get an overview of its connection panels.

Placement guidelines, 46

- Placement guidelines, 46

Connecting the DVD player, 47

Connection panels, 48

Set up the DVD player, 50

- First-time setup, 50
- GUIDE Plus+ system setup, 52

System setup, 54

- Adjust the system setup, 54

Placement guidelines

Follow the guidelines and procedures on these pages when you place, connect and set up your DVD player for the first time.

Place the DVD player on a solid, level surface. Do not place any items on top of the DVD player.

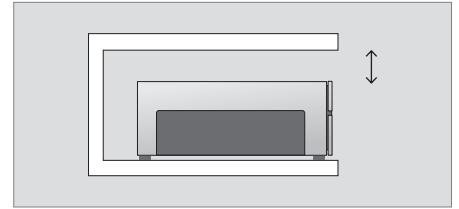
Place the DVD player away from radiators and direct sunlight.

To prevent injury, use Bang & Olufsen approved stands and wall brackets only!

Do not place the DVD player on a carpeted surface, as carpet blocks the ventilation holes in the base.

The DVD player is intended for indoor use in dry, domestic environments only, with a temperature range of 10–35°C (50–95°F).

The DVD player can only be switched off completely by disconnecting it from the wall socket. Therefore, connect the DVD player to an easily accessible wall socket.



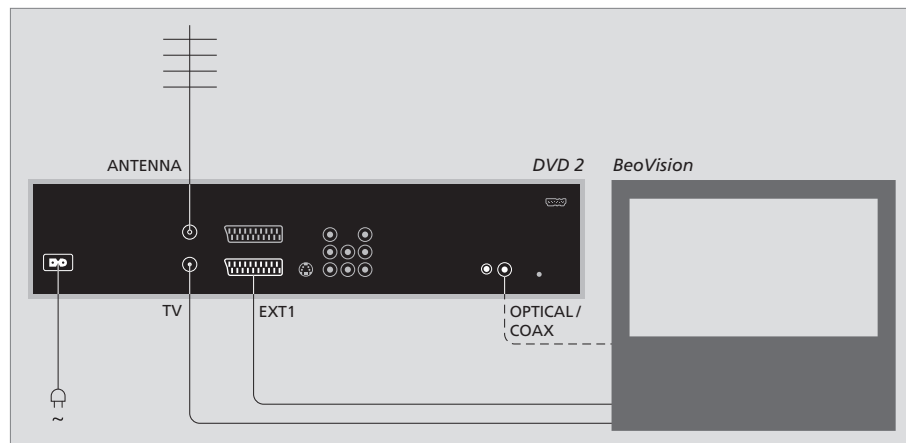
To ensure proper ventilation, allow for at least 5 cm (2") of space at the sides of the DVD player and 10 cm (4") above it.

Condensation can occur if the DVD player is moved from cold to warm surroundings. This may interrupt playback. Before using the DVD player, let the player stand someplace warm for one to two hours, until the moisture evaporates.

Your DVD player is constructed for connection to a Bang & Olufsen television via a 21-pin AV cable. Follow the procedure described below to connect your DVD player to your television. For an overview of the DVD player's connection panels, refer to page 48 and 49.

For information about sockets on your television, refer to the Guide enclosed with the television.

Register all equipment connected to your television system, including the DVD player. This is done via your television's 'Setup' menu. Refer to the Guide included with your Bang & Olufsen television to ensure proper connection and registration of extra equipment.



- Connect the socket marked EXT 1 on the DVD player to the socket marked AV on your television via the 21-pin AV cable.
- If your television is equipped with a built-in Dolby Digital module, connect the socket marked OPTICAL or COAX on the DVD player to the digital input socket on your television. If the required cable is not enclosed, it is available from your Bang & Olufsen retailer.
- Connect the cable from your external aerial to the signal input socket marked ANTENNA on the DVD player. Direct the aerial signal to the television, using the aerial cable supplied with the DVD player. Plug one end into the aerial socket marked TV on the DVD player and the other end into the aerial socket marked TV on your television.
- Finally, connect the DVD player to the mains supply with the enclosed cable. The DVD player is now in standby mode – indicated by the red light in the display panel.

Note if you configure the DVD player to:

- DVD or [DVD2] ... The DVD player starts disc playback directly upon source selection.
- V MEM, [V.AUX] or [DVD2] ... The DVD player skips directly to the HARD DISC CONTENT menu upon source selection while the DVD player is in standby.
- [V.AUX2] ... The DVD player starts up in tuner mode.

NOTE! Before making or changing any connections, make sure that all sources are disconnected from the mains supply.

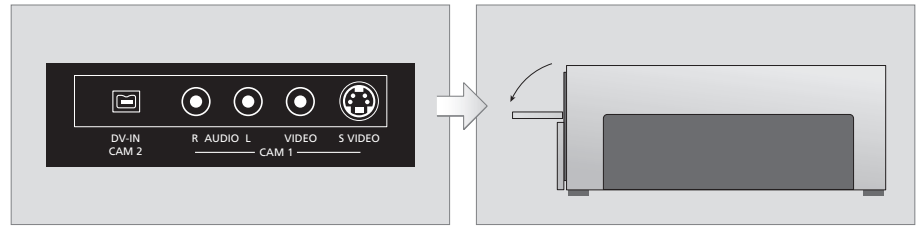
Connection panels

Connect your DVD player to your television via the connection panel on the rear of your DVD player.

You also have the possibility to connect additional equipment to your DVD player via the front and rear connection panels.

For further information about connection of additional equipment, refer to the Guides enclosed with the equipment.

Sockets on the front panel



CAM 2 (DV-IN)

For connection of a Digital Video camcorder. Press GO then 5 on the remote control to select 'CAM2' when using this input source. If CAM2 does not appear, use ▲ or ▼ to bring up 'CAM2'.

CAM 1 (R AUDIO L – VIDEO)

Video and audio inputs for connection of a camcorder or additional sources.

CAM 1 (S-VIDEO)

For connection of additional video equipment.

Record from camcorder, DV camcorder or other external sources ...

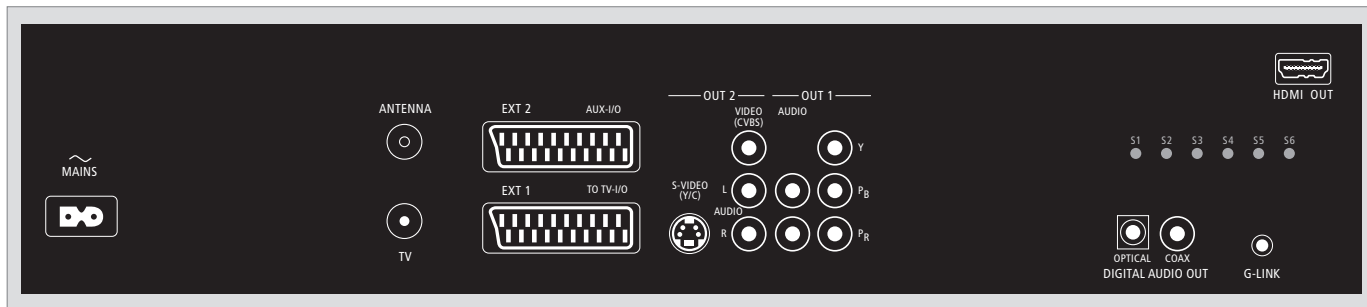
You can record from a camcorder, a DV camcorder or other external sources to the hard disc.

- > Connect the source to the DVD player.
- > Press GO then 5 and follow the on-screen instructions.
- > Start playback on the connected source and press RECORD twice on the remote control.

If you do not mark the contents for which you wish to record to the DVD player when recording from camcorder or DV camcorder, the contents will be cleared.

NOTE! On some Bang & Olufsen televisions you just need to press RECORD once to start recording. These television do not have record lock, so you can not change channel or switch off the television without disrupting the recording.

Rear connection panel



~ (mains)

Socket for connection to the mains.

ANTENNA

Socket for the aerial input signal.

TV

Socket for the aerial output signal to the television.

EXT1 / TO TV-I/O

21-pin socket for connection to the television.

EXT2 / AUX-I/O

21-pin socket for connection of additional equipment only, such as a playstation or other non Bang & Olufsen equipment. You can not use Beo4 to control this equipment. Use the equipment's own remote control.

OUT 2

For connection of additional video equipment. The socket group includes S-Video (Y/R), Video (CVBS) and audio left and right.

OUT 1

For connection of additional video equipment. (Includes Audio left and right, Y, Pb and Pr.)

DIGITAL AUDIO OUT – OPTICAL / COAX

For connection of audio cables to connected sources. The optical connection requires that you set the appropriate Digital Audio Output setting. Otherwise, no sound or interference may occur. Refer to *'What's on the audio output setting menu'* on page 55.

HDMI OUT

For connection to an HDMI compatible Bang & Olufsen system.

G-LINK

Not to be used in a Bang & Olufsen setup.

Set up the DVD player

The setup procedure described here is activated when your DVD player is connected to the mains supply and switched on for the first time. You are then led through an automatic series of on-screen menus in which you must make the required settings. After completing the first-time setup, you must set up the GUIDE Plus+ system.

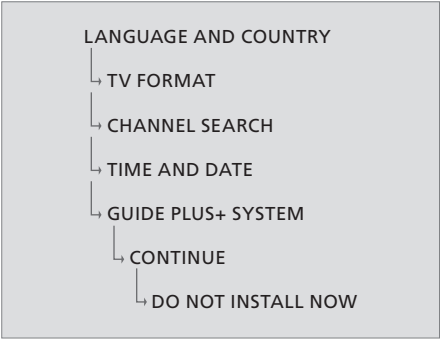
Make sure you have successfully made all the required connections to this DVD player, the television and Satellite Receiver/Cable Box (if any) and switched them on. The channel search will detect the signals and save all the available channels.

First-time setup

The setup menu will appear the very first time you switch on this DVD player. The settings in the menu will help you set up the features of the DVD player easily, including television channel installation, language settings and the GUIDE Plus+ system.

- > Press **DVD** on the remote control to switch on the DVD player.
- > LANGUAGE AND COUNTRY menu will appear on the television.

If your DVD player is registered as VMEM or V.AUX2 and not as DVD, you must choose VMEM or V.AUX2 instead of DVD.*



IMPORTANT!
Complete the settings for the first-time setup before inserting a disc for playback or recording. The disc tray will not open until the basic setup is completed.

The TV programme listings do not appear on the GUIDE Plus+ system as soon as you complete the basic installation. It may take up to 24 hours to receive TV listings data.

*NOTE! On some Beo4 remote controls, the VMEM button is called VTAPE.

The sequence of menus in first-time setup:

LANGUAGE AND COUNTRY ... Use ▲ or ▼ to highlight the desired menu language and press ◀ to store.

Select the country of your residence. Highlight COUNTRY and press ▶, then use ▲ or ▼ to highlight your country and press ◀ to store. If your country is not available in the list, select OTHERS.

Highlight DONE and press GO twice on the remote control.

TV FORMAT ... Select the appropriate television shape according to the television you have connected.

Highlight TV SHAPE and press ▶, use ▲ or ▼ to highlight the TV shape. Options are 16:9, 4:3 LETTERBOX and 4:3 PANSCAN.

Press ◀ to store.

Highlight DONE and press GO twice on the remote control.

CHANNEL SEARCH ... Highlight CHANNEL SEARCH in the menu and press GO twice on the remote control to start. It takes a few minutes to complete. If no channels are found, try the auto television channel installation after completing the basic setup. Refer to 'First-time setup' on page 50.

After the channel search is finished, the total number of found and stored channels appears. Press GO twice to continue.

TIME AND DATE ... If the information is correct, highlight DONE in the menu and press GO twice. If changes are required, use 0–9 to enter the correct time and date in the respective fields.

The first-time setup is now completed.

GUIDE Plus+ system ... Highlight CONTINUE in the menu and press GO twice to start the GUIDE Plus+ installation.

Highlight DO NOT INSTALL NOW in the menu to skip the GUIDE Plus+ installation.

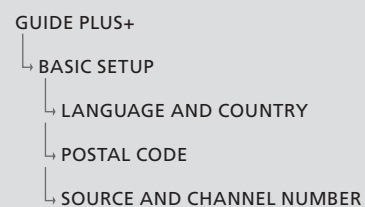
The next time you want to install the GUIDE Plus+ system, press and hold GO on the remote control for a couple of seconds. Wait until the DVD player has finished initialising the system, then press GO twice to exit. For setup of the GUIDE Plus+ system refer to page 52.

GUIDE Plus+ system setup

Your DVD player is equipped with the GUIDE Plus+ system. This system offers a free interactive programme guide that lists all the television programmes available in your area. Before you can enjoy this feature, you have to define your geographic location and your current setup devices in order to receive correct GUIDE Plus+ TV listings data.*

- > Press and hold **GO** on the remote control to bring up the GUIDE Plus+ basic setup menu, then press **▲** and press **▶▶** repeatedly until the SETUP menu bar is highlighted.
- > Press **▼** to highlight BASIC SETUP in the menu and press **GO** twice to access the setup screen.

After completing the setup, leave the DVD player in standby mode and switch on your external receivers overnight to receive the television listings data.



*NOTE! If a problem comes up during the GUIDE Plus+ system setup, visit the website at www.europe.guideplus.com for further assistance. In some countries the TV listings data is not available.

The sequence of menus in GUIDE Plus+ setup:

LANGUAGE AND COUNTRY ... These settings will be taken from the first-time setup. Refer to page 51. If your country is not in the list or you are not able to receive TV listings data, you can still use the GUIDE Plus+ system's ShowView, G-Code or Video Plus+ function and manual recordings.

POSTAL CODE ... Enter the postal code.

To enter the postal code ...

- > Press **GO** twice to access the entry menu.
- > Use **▲** or **▼** to enter the local postal code and use **◀** or **▶** to move to previous or next entry field. The postal code you enter must be correct and must represent a postal code in the identified country. If not, you will receive no or incorrect TV listings data.

SOURCE AND CHANNEL NUMBER ... The default host channel setup is set to AUTOMATIC, which is recommended. If you want to specify the source and channel number of a GUIDE Plus+ host channel, select HOST CHANNEL SETUP in the menu and follow the instructions on the television to complete the setup. Once complete, press and hold **GO** to exit the menu.

Leave the DVD player in standby mode during the night to load the TV listings data. If you use an external receiver, you have to tune your external receiver manually to your host channel. Leave the external receiver ON overnight.

If you tune to your host channel before going into standby, the DVD player will start immediately to download TV listings data. EPG DOWNLOAD will be shown in the display panel. This process can take up to two hours. You can stop the download at any time by switching the DVD player 'on', or you can leave the DVD player in standby overnight as described above. If TV listings data are not available at the time, the DVD player switches to standby and the data will not be downloaded.

*Check your TV listings line-up on the EDITOR screen the next day to ensure that the data download is completed. In the GUIDE Plus+ menu, press **▲** to go to the menu bar and then **▶** repeatedly to highlight EDITOR. Press **▼** to access the EDITOR menu.*

The DVD SYSTEM menu enables you to choose your preferred system setup of your DVD player and you can activate, adjust and deactivate functions relating to day-to-day use of your DVD player.

In the SYSTEM menu, you can choose settings for the following:

- Energy saving mode
- Display settings
- Settings for jumping forward and backward
- Settings for time and date
- Settings for analogue channels
- Settings for video
- Settings for audio output

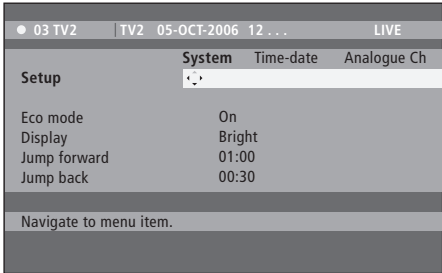
Adjust the system setup

You may want to change the setup of your DVD player. You can do this in the system menu. However, if a recording is in progress, accessing the SETUP menu will stop the recording and clear the Replay buffer.

While the DVD player is switched on ...

- > Press **GO** then **1** to bring up the system menu.
- > Press **▼** repeatedly to highlight **SETUP** and press **▶▶**. If a recording is in progress, a warning message appears to let you know that the recording will stop and the Replay buffer will be cleared if you continue.
- > Press **GO** twice to continue or highlight **NO** and press **GO** twice in the menu to abort the operation. Playback will pause.
- > Press **▶▶** repeatedly to see the available setup options, then press **▼** to access.
- > Follow the instructions on the screen.
- > Press **EXIT** to leave the system menu.

If the selection in the menu is greyed out, the feature is not available or can not be changed in the current state.



The system setup menu.

What's on the system setting menu ...

- ECO MODE ...** This is an energy saving mode. When you switch the DVD player to standby mode, the display panel will turn blank to save power. The clock will be shown in the display panel of the DVD player when switching off to standby mode. Options are ON and OFF.
- DISPLAY ...** Select the brightness of the DVD player display panel. Options are BRIGHT, DIMMED and OFF.
- JUMP FORWARD ...** Set the amount of time you want to skip ahead. The maximum setting is 60 minutes. The factory setting is five minutes.
- JUMP BACK ...** Set the amount of time you want to skip backwards. The maximum setting is 60 minutes. The factory setting is five minutes.

What's on the time-date setting menu ...

- CLOCK PRESET ...** The time/date can be set automatically on this DVD player if the stored television channel transmits a time signal. Options are AUTO for automatic detection of an available channel which transmits the time and date information, a preset number for selecting a channel to use for transmitting the time and date information and OFF for selecting before setting the time and date manually.
- TIME ...** If the time is incorrect, you must manually set the time here.
- DATE ...** If the date is incorrect, you must manually set the date here.

What's on the analogue channel setting menu ...

AUTO SEARCH ... Starts the automatic television channel search process and replaces all previously stored analogue television channels.

SORT ... Change the order of your stored television channels.

FAVOURITES ... Mark your favourite television channels for quick access. Unmarked channels will be skipped when you browse through the channels in DVD tuner mode.

What's on the analogue channel setting – manual search menu ...

ENTRY MODE ... Select manual search based on channel allocation or frequency entry.

ENTRY ... Use **0–9** to enter the frequency/channel number.

Press **GO** twice then the **green** button for **STORE** or press the **blue** button on the remote control for **SEARCH**.

PRESET ... Use **0–9** to enter the preset channel number for the channel to store (e.g., '01').

PRESET NAME ... Use **0–9** to enter the preset channel name. All channels can have a name of up to four characters.

DECODER ... If the current television channel is transmitted by coded television signals that can only be viewed properly with a decoder which is connected to the EXT2 socket, you need to activate the connected decoder. Options are ON and OFF.

TV-SYSTEM ... Set the TV system that produces the least distortion of picture and sound.

NICAM ... NICAM is a digital sound transmission system. It can transmit either one stereo channel or two separate mono channels. Options are ON and OFF.

FINE TUNING ... Select this to fine-tune the television channel manually if the reception is poor.

What's on the video setting menu ...

TV SHAPE ... The picture shape can be adjusted to fit your television. {4:3 Letterbox} for a 'wide-screen' display with black bars on the top and bottom. {4:3 PanScan} for a full-height picture with the sides trimmed. {16:9} for wide-screen television (frame ratio 16:9).

BLACK LEVEL ... Adapts the colour dynamic for NTSC disc. Options are NORMAL and ENHANCED.

HORIZONTAL ... Use ◀ or ▶ to adjust the horizontal position of the picture on your television screen.

VIDEO OUTPUT ... Chooses the type of video output that matches the video connection between this DVD player and your television. Options are S-VIDEO – for S-Video connection – and AUTOMATIC – The output setting will automatically follow the video signal received.

PROGRESSIVE ... Before enabling the progressive scan feature, you must ensure that your television can accept progressive signals (a progressive scan television is required) and you have connected the DVD player to your television using the YPbPr. Options are ON and OFF. The progressive video output will be disabled if the HDMI output is switched on.

HDMI ... This feature is only applicable for HDMI connection. Options are: AUTO - Switches on the HDMI output. The video output resolution will automatically follow the video signal received, ON – Switches on the HDMI output. The video output resolution will follow the setting at VIDEO UPSCALING.

VIDEO-UPSCALING ... Set the video resolution depending on the capability of the connected television/source (480p, 576p, 720p, 1080i). 'i' denotes interlace and 'p' denotes progressive. This setting is not available if the HDMI setting is set to AUTO. Changing the video upscaling will normally cause the television to blank out for a few seconds as it adjusts to the new setting. Video setting for HDMI connection only.

HDMI OUTPUT ... This setting determines the video output colour format. Options are: RGB – Gives brighter colours and a deeper black. YPbPr – Provides a very fine shade of colour. This is the standard setting for HDMI compatible devices. Video setting for HDMI connection only.

What's on the audio output setting menu ...

DIGITAL OUTPUT ... This setting is only required if you are using the COAXIAL/OPTICAL OUT socket of the DVD player to connect other audio/video sources. Options are: ALL – Select this if the connected source has a built-in multi-channel decoder that supports one of the multi-channel audio formats (Dolby Digital, MPEG-2). PCM – Select this if the connected source is not capable of decoding multi-channel audio. The system will convert the Dolby Digital and MPEG-2 multi-channel signals to PCM (Pulse Code Modulation). OFF – Select this to deactivate the digital audio output. For example, if you use the AUDIO OUT sockets to connect this DVD player to a television or Stereo system.

HDMI ... This setting is only required if you are using the HDMI OUT socket of the DVD player to connect your television or other display devices. Options are: AUTO – Select this if you want to enjoy the multi-channel audio output through your HDMI connection. DISABLE – Select this if the connected source is not able to output the sound through the HDMI connection or the playback audio format is not supported by HDMI connection (e.g. projector, SACD). Make sure that you have alternative audio connection from the DVD player to your television or the display device for the sound output.*

**It is not possible to listen to SACDs or copy controlled DVD-Audio CPPM (Content Protection for Playable Media) sources using the HDMI connection.*

What's on the language setting menu ...

MENU ... Select the menu language for this DVD player's on-screen display. This setting will be taken from the basic installation.

AUDIO ... Select the preferred audio language for DVD playback.

SUBTITLE ... Select the preferred subtitle language for DVD playback.

If the selected audio/subtitle language is not available on the disc, the disc's default language will be used instead. For some DVD discs, the subtitle/audio language can only be changed via the DVD disc menu.

Regular maintenance, such as cleaning the system, 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.

No solvents or abrasive cleaners should ever be used on DVDs, video CDs or audio CDs.

Handling the hard disc

The built-in hard disc has a high storage density that enables long recording duration and high speed data access. Depending on the setup environment and handling, some content may be damaged resulting in failure of playback and recording. To avoid damage to the hard disc and losing important data, observe following precautions:

- Do not move the DVD player or subject it to vibration.
- Do not remove the AC power plug from the mains socket without switching the DVD player to standby mode.

WARNING!

The hard disc is not a device for storing recorded content permanently. We recommend that you copy the important video content to a recordable DVD disc as backup.

Bang & Olufsen can not be held liable for any loss of data due to hard disc breakdown.

Cleaning the DVD player

Wipe dust off the surface of the DVD player using a dry, soft cloth. If necessary, remove grease stains or more persistent dirt with a firmly wrung soft cloth which you have dipped in a solution of water containing a few drops of mild detergent. Never use alcohol or other solvents to clean any part of the DVD player!

Do not attempt to clean the optics of the DVD player or open the DVD player yourself. Leave such operations to qualified service personnel.

Handling your discs

Handle discs with care. If the disc is always held by its edges and placed in its original cassette when out of the DVD player, no cleaning will be required. Should the disc become soiled by fingerprints, dust or dirt, it can be wiped clean with a lint-free, soft, dry cloth. Avoid extreme heat and humidity, and never write on your discs.

Beo4 remote control

Introducing the DVD player and Beo4, 6
Use Beo4, 6

Camcorder

Camcorder, 48
Record from camcorder, DV camcorder or other external source, 48

CD

During playback of a disc, 12
Play discs, 12

Child Lock

Activate Child Lock, 40
Limit access to recordings – Child Lock, 40
Set a Child Lock code, 41
What's on the access setting menu, 43

Clock

Sequence of menus in first-time setup, 51
What's on the time-date setting menu, 55

Connections

Additional video equipment, 48–49
Aerial connection, 47, 49
Camcorder, 48
Connection panels, 48–49
Connecting the DVD player, 47
Mains connection, 49
Rear connection panel, 49
Sockets on the front panel, 48
Television signal, 49, 55

Contact

Contact Bang & Olufsen, 62

Copy

Copy a recording, 30
Replay buffer, 24–25

Decoder

What's on the analogue channel setting – manual search menu, 55

Displays and menus

GUIDE Plus+ system, 9
Indicator light, 5
Menu overlay, 8
Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53
Status display, 5
Use DVD on-screen menus, 13
Using the menu system, 7
What's on the access setting menu, 43
What's on the analogue channel setting menu, 55
What's on the analogue channel setting – manual search menu, 55
What's on the audio output setting menu, 56
What's on the disc setting menu, 43
What's on the feature setting menu, 43
What's on the language setting menu, 56
What's on the recording setting menu, 43
What's on the sound setting menu, 43
What's on the system setting menu, 55
What's on the time-date setting menu, 55
What's on the video setting menu, 55

DVD

Adjust preference settings, 42
Advanced playback features, 36
Change audio soundtrack language, 15
Change subtitle language, 15
Delete a DVD disc recording, 35
Disc formats, 13
During playback of a disc, 12
DVD player and hard disc recorder, 4
Edit DVD discs, 34
Features during playback, 36
Introducing the DVD player, 4
Introducing the DVD player and Beo4, 6
Menu overlay, 8
Placement guidelines, 46
Play discs, 12
Preference settings, 42
Protect a disc recording (DVD±RW), 35
Repeat a specific segment (A–B), 36
Repeat play, 36
Scan a DVD disc, 36
Shuffle play, 36
Use DVD on-screen menus, 13
Use the toolbar options, 14
What's on the disc setting menu, 43
What's on the feature setting menu, 43
What's on the language setting menu, 56

First-time setup

First-time setup, 50
GUIDE Plus+ system setup, 52
Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53

Format

Disc formats, 13
Sequence of menus in first-time setup, 51

GUIDE Plus+ system

GUIDE Plus+ system, 9
GUIDE Plus+ system setup, 52
Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53

Hard disc recorder

About space management and protection, 24
Change between chapters, 27
Changing channel during recording, 21
Copy a recording, 30
Create a slideshow playlist, 38
Delete a Timer, 19
Delete a recording, 29
Delete all chapter markers, 34
Divide one recording into two, 32
During replay, 23
DVD player and hard disc recorder, 4
Edit recordings, 28
Edit the frequency or timing, 19
Edit the Timer programme, 19
Edit Timers, 19
Introducing the DVD player, 4
Hide unwanted scenes, 33
Menu overlay, 8
Merge or split a chapter, 33
Name a recording, 30
Pause a programme, 22
Pause and replay a programme, 22
Pause and stop playback of a recording, 27
Play a recording, 16
Play an on-going recording, 27
Protect a recording, 28
Rearrange the list of recordings, 28
Record a programme, 16
Record from other sources, 21
Record from the DVD tuner and watch another source at the same time, 20
Record from the Replay buffer, 25
Record here and now, 20
Record programmes, 5
Replay buffer, 24–25
Select the genre of a recording, 26

Show hidden scenes, 33
Timer recording, 16
Timer recording manually, 16
Timer recording (programme listings guide), 18
Timer recording (ShowView/G-Code system/Video Plus+), 18
VPS/PDC function, 17
What's on the access setting menu, 43
What's on the recording setting menu, 43
While playing a recording, 27

Language

Change audio soundtrack language, 15
Change subtitle language, 15
Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53
What's on the recording setting menu, 43

Maintenance

Cleaning the DVD player, 57
Handling the hard disc, 57
Handling your discs, 57
Placement guidelines, 46

Pincode

Activate Child Lock, 40
Change pincode, 41
If you forget your pincode, 41
Set a Child Lock code, 41
What's on the access setting menu, 43

Placement

Placement guidelines, 46

Settings

Adjust preference settings, 42
Adjust the system setup, 54
First-time setup, 50
GUIDE Plus+ system setup, 52
Preference settings, 42
Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53
Set up the DVD player, 50
System setup, 54
What's on the access setting menu, 43
What's on the analogue channel setting – manual search menu, 55
What's on the analogue channel setting menu, 55
What's on the audio output setting menu, 56
What's on the disc setting menu, 43

What's on the feature setting menu, 43
What's on the language setting menu, 56
What's on the recording setting menu, 43
What's on the sound setting menu, 43
What's on the system setting menu, 55
What's on the time-date setting menu, 55
What's on the video setting menu, 55

Sound

What's on the sound setting menu, 43

Timer

Delete a Timer, 19
Edit the frequency or timing, 19
Edit the Timer programme, 19
Edit Timers, 19
Timer recording, 16
Timer recording manually, 16
Timer recording (programme listings guide), 18
Timer recording (ShowView/G-Code system/Video Plus+), 18
What's on the time-date setting menu, 55

Tune

Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53
What's on the analogue channel setting – manual search menu, 55
What's on the analogue channel setting menu, 55

TV channels

Sequence of menus in first-time setup, 51
Sequence of menus in GUIDE Plus+ setup, 53
What's on the analogue channel setting menu, 55

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**CLASS 1
LASER PRODUCT**

The label on the compact disc player serves as a warning that the apparatus contains a laser system and is classified as a class 1 laser product. In case any difficulties arise with the compact disc player, please contact a Bang & Olufsen retailer. The apparatus must be opened by qualified service personnel only.

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

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

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Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

The European Parliament and the Council of the European Union have issued the Waste Electrical and Electronic Equipment Directive. The purpose of the Directive is the prevention of waste of electrical and electronic equipment, and to promote the reuse and recycling and other forms of recovery of such waste. As such the Directive concerns producers, distributors and consumers.

The WEEE directive requires that both manufacturers and end-consumers dispose of electrical and electronic equipment and parts in an environmentally safe manner, and that equipment and waste are reused or recovered for their materials or energy. Electrical and electronic equipment and parts must not be disposed of with ordinary household refuse; all electrical and electronic equipment and parts must be collected and disposed of separately.

Products and equipment which must be collected for reuse, recycling and other forms of recovery are marked with the pictogram shown.

When disposing of electrical and electronic equipment by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources. Collecting electrical and electronic equipment and waste prevents the potential contamination of nature with the hazardous substances which may be present in electrical and electronic products and equipment.

Your Bang & Olufsen retailer will assist with and advise you of the correct way of disposal in your country.

Small products may not always be marked with the pictogram in which case this is present in the instructions for use, on the guarantee certificate and printed on the packaging.

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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