

Dear Customer

This Getting Started contains information about the daily use of your Bang & Olufsen product and connected equipment. We expect your retailer to deliver, install and set up your product.

Your television offers more features and functions than described in this Getting Started. Among other things; Timer functions and auto standby, editing and naming channels. These and other features are described in more detail in a Guide.

The Guides are found on www.bang-olufsen.com/guides

DVB functions are described in a separate Guide. The Guides are kept up to date if new software introduces new or modified features and functions in your television.

On www.bang-olufsen.com you can also find further information and relevant FAQs about your product.

Your Bang & Olufsen retailer is your first stop for all your service queries.

To find your nearest retailer, visit our website ...

www.bang-olufsen.com

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 uninsulated "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.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Cautions

- Ensure that the television is positioned, set up and connected in accordance with the instructions in this Getting Started.
- Place your television on a firm, stable surface. To prevent injury, use Bang & Olufsen approved stands and wall brackets only!
- Do not place any items on top of your television.
- Do not subject the television to rain, high humidity or sources of heat.
- The television is developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–40°C (50–105°F), and at an altitude of no more than 1,500 m (5,000 ft).
- Do not place the television in direct sunlight, as this may reduce the sensitivity of the remote control receiver.
- Leave enough space around the television for adequate ventilation.
- Connect all cables before connecting or reconnecting any of the products in your system to the mains.
- No naked flame sources, such as lighted candles should be placed on the apparatus.
- Do not attempt to open the television. Leave such operations to qualified service personnel.
- Do not strike the glass with hard or pointed items.
- The television can only be switched off completely by disconnecting it from the wall socket.
- The supplied mains cord and plug are specially designed for the television. If you change the plug or in any way damage the mains cord, it can affect the TV performance.

Contents

Daily use

- 6 How to use your remote control
- 8 Introduction
- 10 Watch television
- 12 Look up teletext
- 14 Watch television via the DVB module
- 16 Change sound type and picture format

Installation

- 18 Set up your television
- 20 Connection panels
- 22 First-time setup of your television

How to use your remote control

Beo4 operation

Your television can be operated with the Beo4 remote control.

TV The Beo4 display shows you the activated source or function

TV Switch on the TV*¹

DTV Switch on the DVB module and watch digital television

TEXT Switch on teletext

0 – 9 Select channels and enter information in on-screen menus

LIST Display extra “buttons” for functions or sources in the Beo4 display. Use \uparrow or \downarrow to step in the list

MENU Bring up the main menu of the active source

Step through channels
Hold for continuous step

Rewind or wind, search backwards or forwards

Navigation and centre button; move left, right, up and down \leftarrow , \rightarrow , \uparrow and \downarrow – move in menus by pressing the button in the direction you need

Centre button is used for selecting and accepting

Select colour specific functions

Adjust volume
To mute, press the middle of the button

STOP Pause and stop playback or recording

PLAY Start playback of a DVD, CD or recording

BACK Move backwards through menus and the Beo4 list. Long press to exit menus completely

Standby

Important – for more information: www.bang-olufsen.com

***Beo4 buttons** Some buttons can be reconfigured during the setup process. See the Guide for further information.
NOTE! For general information about remote control operation, see the Guide enclosed with your remote control.

Beo5 operation



You can also operate your television with a Beo5. When Beo5 operation is different from Beo4 operation, it is described separately.

The diagram illustrates the Beo5 remote control and its interaction with a television. The TV screen displays a menu titled "Living Room" with options: TV, V.MEM, RADIO, DTV, N.MUSIC, N.RADIO, PC, DVD, and CD. Below the screen is the Beo5 remote control, which features a central volume wheel, a navigation pad, and several function buttons. Lines connect these buttons to their respective descriptions in the list below.

- TV** Soft button, touch screen to select*²
Switch on a source or select a function
- ↶** Back up through Beo5 displays
- ⤴** Bring up SCENE buttons, such as Zones or Speaker
Press again to return
- +** Bring up digits to select for example channels
Press again to return
- STOP** Pause and stop playback or recording
- PLAY** Start playback of a DVD, CD or recording
- BACK** Move backwards through menus. Long press to exit menus completely
- Coloured buttons** Select colour specific functions*³
Press volume wheel next to the colour
- Volume wheel** Turn to adjust volume
To mute, turn quickly counter-clockwise
- Centre button** Centre button is used for selecting and accepting
- Navigation pad** Navigation button left, right, up and down – move in menus by pressing the button in the direction you need
- ⏮ ⏭** Rewind or wind, search backwards or forwards
- ⏪ ⏩** Step through channels or recordings
Hold for continuous step
- Red dot** Standby

²About buttons

Light grey buttons indicate that you have to press a text in the display. Dark grey buttons indicate that you have to press a hard button.

³Coloured buttons

Actual zone

Indicates the actual zone on Beo5 as it was named during the setup process.

Soft buttons on Beo5

Depending on the activated source, different soft buttons appear on the screen. Touch the screen to activate the function.

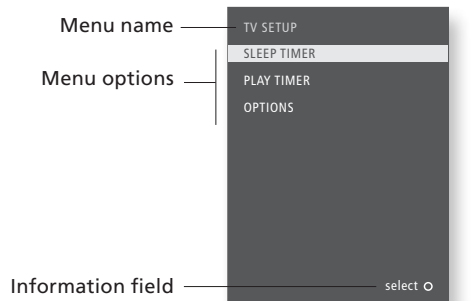
Introduction

Navigate in menus and select settings using your remote control. Pressing **MENU** brings up the menu for the selected source*1.

Display and menus

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

TV	or	V. MEM	MENU
Switch on TV		Switch on connected equipment	Show menu*1



Example of on-screen menu

Important

- Remote control** On the first pages in this Getting Started, you will find an overview of the buttons on Beo4 and Beo5. For general information about remote control operation, see the Guide enclosed with your remote control.
- *1*TV SETUP menu** While using the digital tuner or external equipment, you must press **MENU** twice to bring up the TV SETUP menu.

Navigate in menus

When a menu is on the screen, you can move between menu options, reveal settings or enter data.



Select option/
setting



Enter data



Bring up sub-
menu/store
setting



Select option



or



Move
backwards
through menus

Press and hold to
exit menus

BEO4 SETTING menu

In the OPTIONS menu, you can bring up the BEO4 SETTING menu. In this menu you must set up your television to be operated with a Beo4 with or without a navigation button. Remember to set your Beo4 remote control to the correct mode. See the Beo4 Guide or contact your Bang & Olufsen retailer for further information. This Getting Started and the Guide describe operation with the BEO4 SETTING menu set to NAVIGATION BUTTON and the remote control set to MODE 1.

Watch television

Select a TV channel, bring up a channel list or adjust the sound volume.

Beo4 operation



Activate the TV source to use these functions

Switch on the TV

Select a TV channel

Bring up a channel list

Adjust the volume

Turn the TV

If your television is equipped with a motorised stand, you can turn it by means of the remote control.

Switch off the TV

Channel name

Channel number



Indicates that more channels are available

Useful hints

1*TV positions Position 1 is the far left position and Position 9 is the far right.



Press



or



Select channel



Select previous channel



Hold for channel list



Select page

or



Select channel



Accept



Adjust volume up or down



Press in the middle to mute sound



Press to bring back sound



Press to find STAND



Bring up STAND



Turn TV



Select position*1



Press



Beo5 operation



Press



or



Activate numbers and select channel



Previous channel



Hold for channel list and select page or channel



Accept



Adjust volume. To mute, turn quickly counter-clockwise



Turn either way to bring back sound



Press



Stand



Turn TV



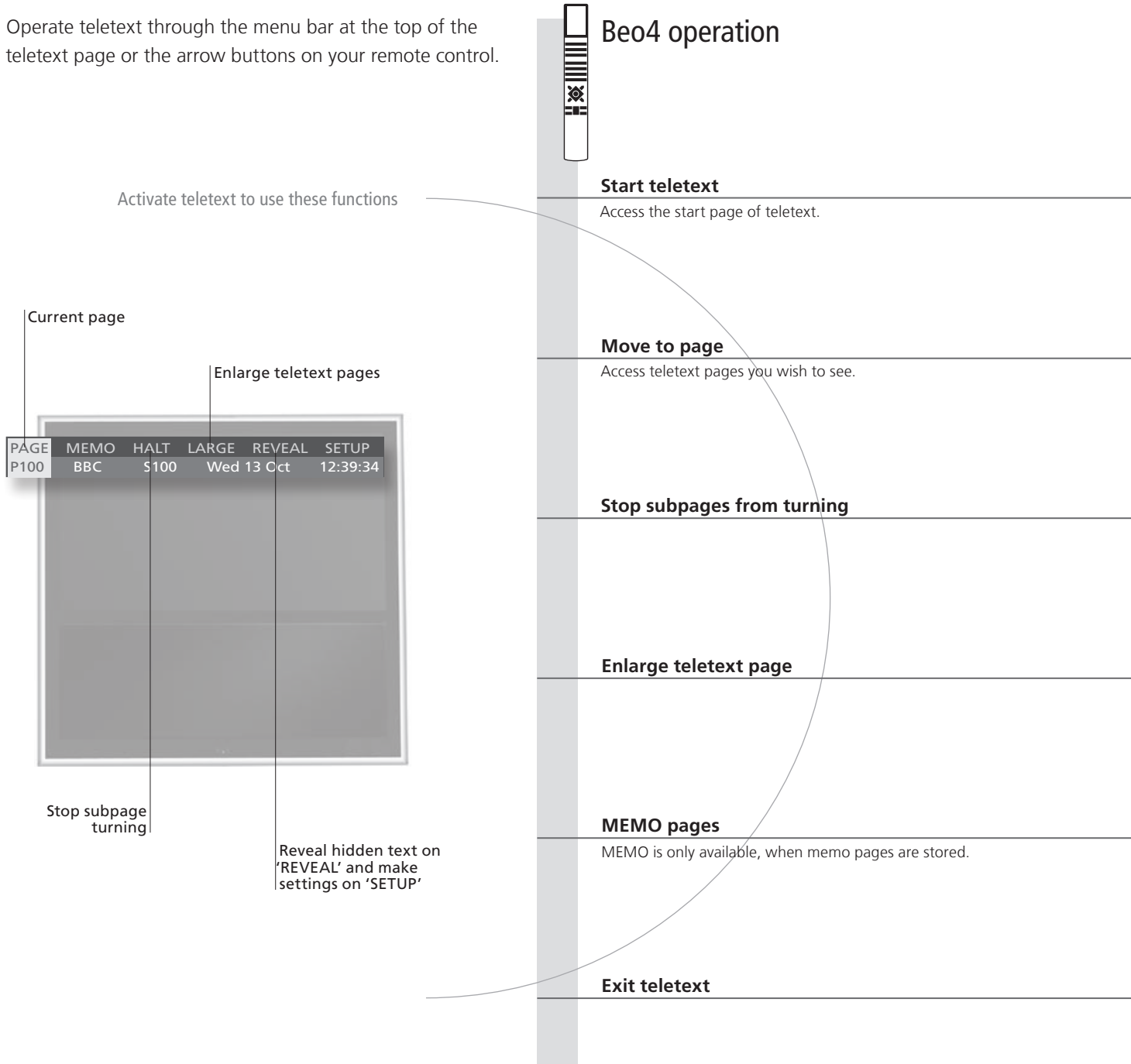
Select position*1



Press

Look up teletext

Operate teletext through the menu bar at the top of the teletext page or the arrow buttons on your remote control.



Useful hints

- MEMO pages** For quick access, store a teletext page as a MEMO page. See the Guide for further information.
- Dual screen** When teletext is activated, pressing **TEXT** swaps between dual screen and full screen mode.
- REVEAL** To reveal hidden text on a teletext page, move to **REVEAL** and press the centre button.

Beo5 operation



Text

Press repeatedly to change screen mode



Step up or down in pages Move to PAGE and step Select page



Stop turning Select subpage Restart turning



Move to LARGE Switch between upper and lower half and normal viewing



Switch between MEMO pages Move to MEMO and switch between pages

BACK

Press

TEXT

Press repeatedly to change screen mode



Step up or down in pages Move to PAGE and step Select page Go to index pages (100, 200, 300 ...)



Stop turning Move to HALT Press Select subpage Restart turning



Move to LARGE Press to switch between upper and lower half of page and normal viewing



Press to switch between MEMO pages Move to MEMO and switch between stored MEMO pages

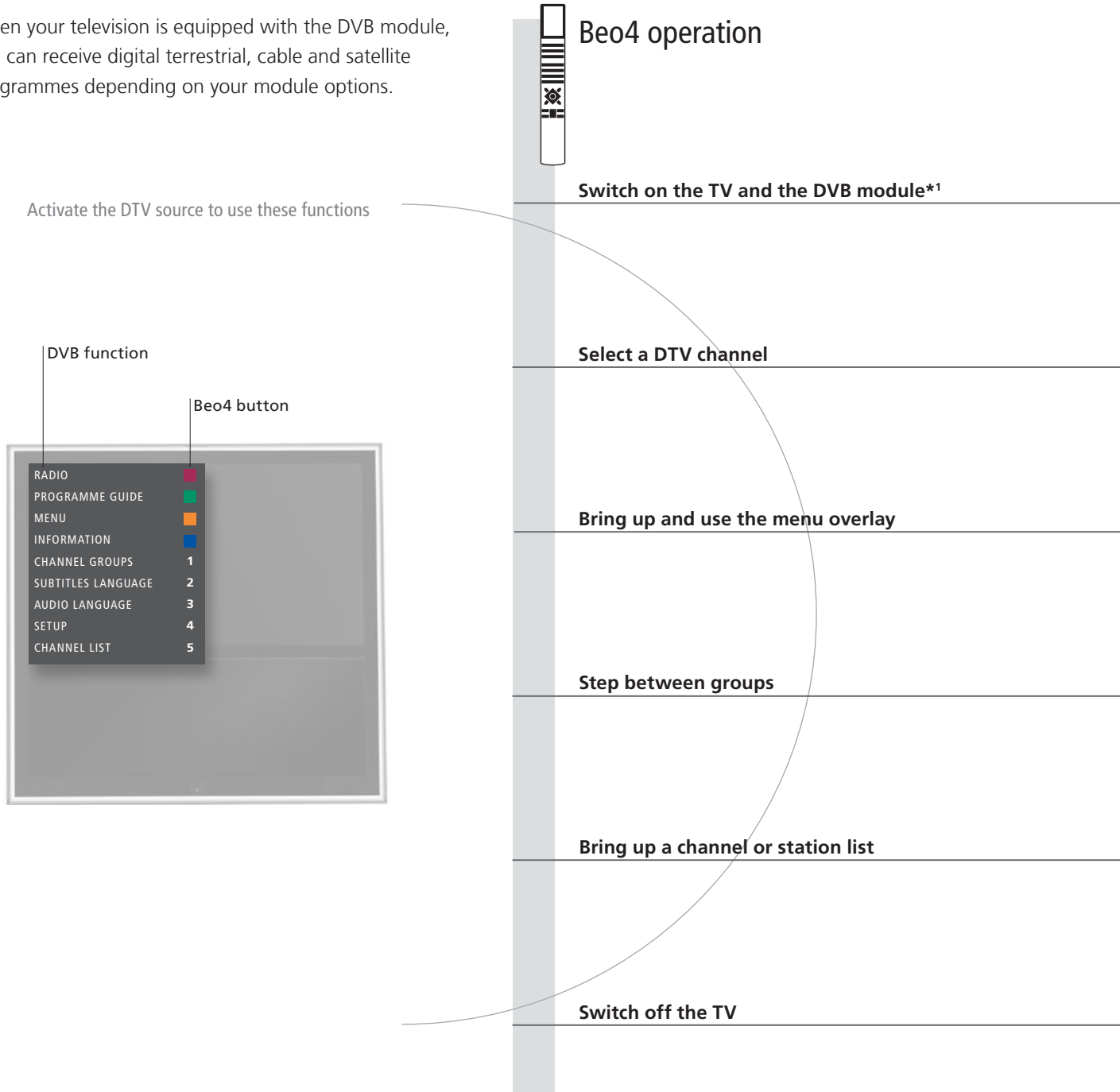
BACK

Press

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

Watch television via the DVB module













When your television is equipped with the DVB module, you can receive digital terrestrial, cable and satellite programmes depending on your module options.















Useful hints

DVB Guide *Activate DVB module

For more extensive and updated information, please look up the DVB Guide on www.bang-olufsen.com/guides.
If the TV tuner is deactivated, use the TV button to switch on the DVB module. See the Guide for further information.

	Press
 or 	Select Select channel
  or 	Press Activate the desired function
	Step between groups
  or  	Hold for channel list Select page Select channel Accept
	Press

Beo5 operation

		Press
 or  	Select	Activate numbers and select channel
	Use the designated buttons in the display	
 	Step between groups	
  	Hold for channel list, select page or channel	Accept
	Press	

NOTE! Press **MENU** twice to bring up the TV SETUP menu.


Sound type and picture format

While you watch TV, you can switch between available sound types. You can also adjust the picture format.

Change sound type or language

Switch between available sound types and languages.

→ Bring up **SOUND** in your Beo4 display*¹



→  Press repeatedly to switch between available sound types

Select picture format

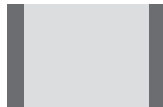
The TV automatically adapts the picture to fill out as much of the screen as possible when you select a source, but you can select a format yourself.

→ Bring up **FORMAT** in your Beo4 display*¹

→  Select format*²

→  or  Move picture up or down*³ or select variation*⁴

FORMAT 1



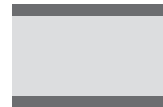
Standard*⁴
For panoramic view or 4:3

FORMAT 2



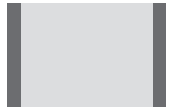
Zoom
The picture is adjusted vertically

FORMAT 3



Wide
For a genuine 16:9 widescreen picture

FORMAT 4



Extended
The bars can be removed and the picture is shown in a 16:9 format

Useful hints

- ¹***LIST menu** In order to display **SOUND** and **FORMAT** on Beo4, you must first add it to the Beo4 list of functions.
²***Optimise** The picture format is optimised, if you press the centre button on Beo4. On Beo5, press **Optimise**.
³***Move picture up or down** The picture can only be moved up or down in **FORMAT 1** and **2**.
⁴***Variation** In **FORMAT 1**, you can select variations of the format. On Beo5, press **Variation**.

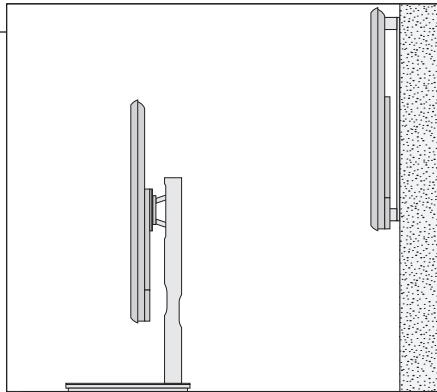
- 18 Set up your television
- 20 Connection panels
- 22 First-time setup of your television

Set up your television

The television has several placement options. Follow the guidelines for placement and connection.

Placement options

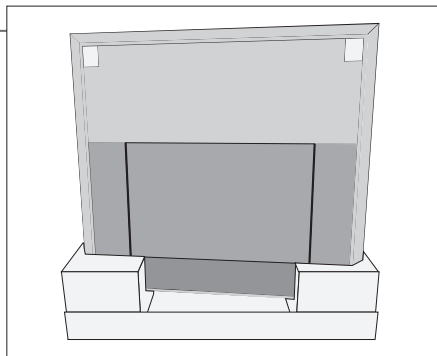
The TV can be placed on a motorised stand or mounted on a wall bracket. Refer to www.bang-olufsen.com for available stands and brackets or contact your Bang & Olufsen retailer.



Due to the weight of the TV, any moving or lifting of the TV should be performed by qualified personnel – using the proper equipment.

Handling

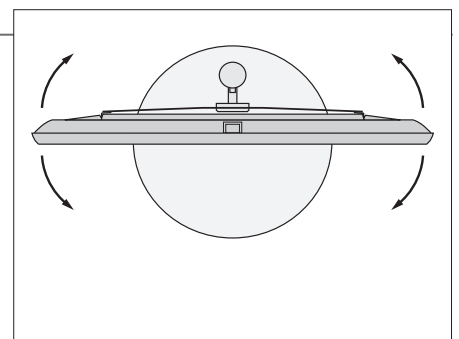
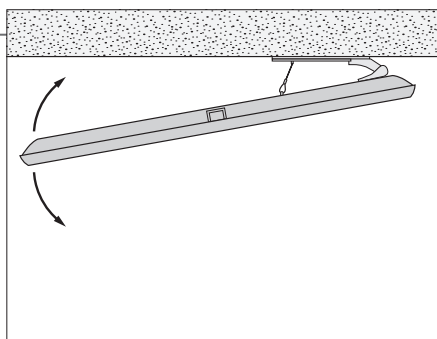
We recommend that you place the TV in the packaging while you fasten the wall bracket or the bracket for the stand to the back of the TV.



Three protection profiles have been enclosed with the TV. Use these when moving the TV to avoid scratching the frame.

Wall bracket and stand

The wall bracket can manually be turned 45° left or right depending on your setup. Remember to leave enough space around the TV to allow it to turn and tilt freely.

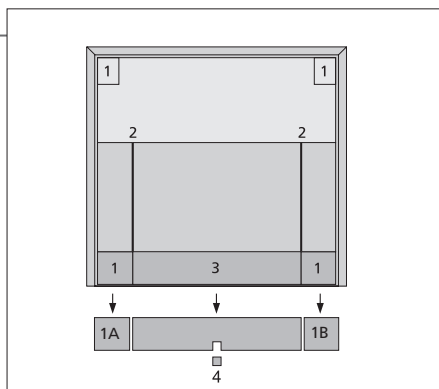


Important

- Ventilation** To ensure proper ventilation, allow enough space around the screen. Do not cover the fans. At overheating (flashing standby indicator and an on-screen warning), switch the TV to standby, not off, in order for the TV to cool down. You cannot operate the TV during this time.
- Front glass** If the front screen glass should crack or chip, or if it should be damaged in any way, it must be replaced immediately, as it could otherwise cause injury. You can order replacement front screen glass from your Bang & Olufsen retailer.

Overview

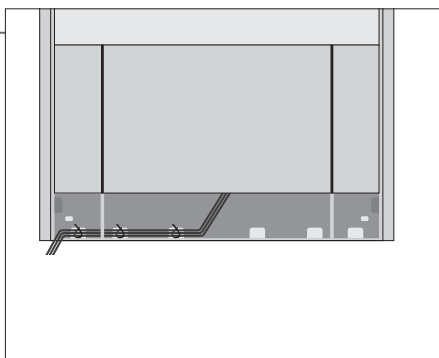
Locate the connection panel and other important items:



- 1 Mounting bracket for wall bracket.
- 2 Mounting slot for stand or wall bracket.
- 3 Cover for the connection panel. Here you also find the mains supply connection. Pull out at the bottom to remove the cover.
- 4 Depending on your setup lead the cables through the hole in the middle of the cover or remove the right (1A) or left cover (1B). The middle part of the cover can be removed using a pair of tongs.

Run cables

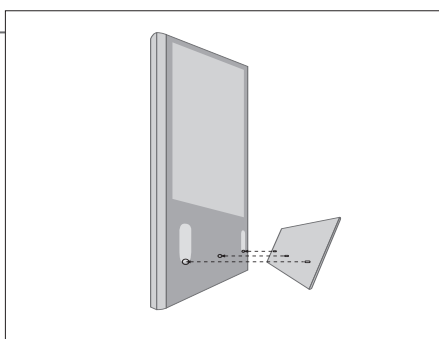
You can fasten the cables to either side or in the middle, depending on wall bracket or stand placement.



If you have a motorised stand, make sure that there is enough slack in the cables to allow the TV to turn to either side before you fasten the cables with cable strips to make a neat bundle.

Fasten the front cloth cover

When the TV is placed on a wall bracket or stand you can attach the front cloth cover. Hold the front cover with both hands and guide the pins through the holes at the bottom. Then carefully attach it to the top and adjust its position before letting go.



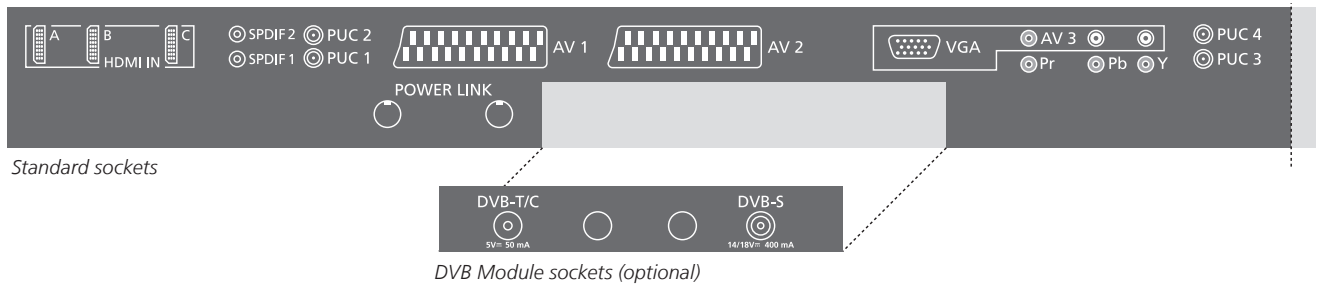
During cleaning it is recommended to remove the front cloth cover. Avoid spraying liquid directly on the screen as this may damage the speakers, use a soft cloth instead. Carefully remove the front cover by supporting it in the side and at the bottom.

Cleaning

- Maintenance** Regular maintenance, such as cleaning, is the responsibility of the user.
- Screen** Use a mild window cleaning fluid and lightly clean the screen without leaving streaks or traces. Some micro-fibre cloths may harm the optical coating due to their strong abrasive effect.
- Cabinet and controls** Wipe dust off the surfaces using a dry, soft cloth. To remove stains or dirt, use a soft, damp cloth and a solution of water and mild detergent, such as washing-up liquid.
- Never alcohol** Never use alcohol or other solvents to clean any parts of the TV.

Connection panels

Any equipment you connect to the main connection panel must be registered in the CONNECTIONS menu.



HDMI IN (A, B and C)

For High Definition Multimedia Interface video source or PC. The sources can be registered to any of the AV socket groups. To expand the number of HDMI sockets, connect an HDMI Expander/MATRIX to the HDMI C socket.

SPDIF (1–2)

Digital audio input socket, e.g. DVD player. You can use the socket in conjunction with an AV socket or HDMI socket.

PUC (1–4)

For IR control signals to external equipment connected to an AV socket.

AV 1, AV 2

21-pin sockets for connection of additional video equipment, such as a DVD player, set-top box, a decoder or video recorder.

POWER LINK

Sockets for connection of a Bang & Olufsen subwoofer and/or external loudspeakers. See the Guide for further information.

VGA (AV 3)

For connection of a PC to receive analogue graphics.

AV 3 (R, L, video)

For audio connection (right and left sound channel respectively) and video signals from an external source.

Y – Pb – PR (AV 2–AV 4, AV 6)

For video signals from an external source, e.g. HDTV source. You can use the socket in conjunction with an AV socket or a digital audio socket.

DVB-T/C*¹

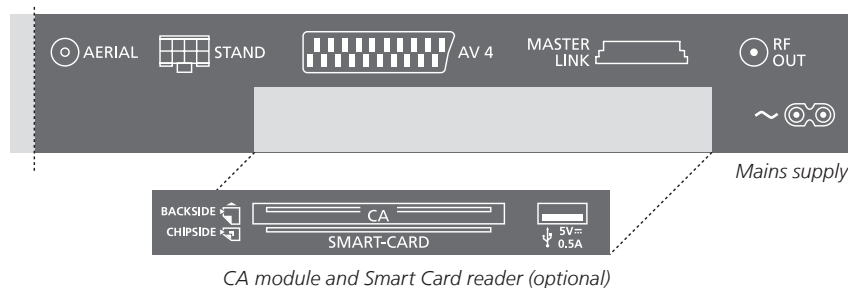
Aerial input socket for an external aerial/cable TV network.

DVB-S*¹

Aerial input socket for a digital satellite signal.

Useful hints

¹*DVB The number and types of DVB sockets depend on which optional DVB module is installed in the television.



~ – Mains supply

Connection to the mains supply.

AERIAL

Aerial input socket for an analogue TV signal.

STAND

For connection of a motorised stand.

AV 4

21-pin sockets for connection of additional video equipment, such as a HDR1, HDR2, DVD player, set-top box, a decoder or video recorder.

MASTER LINK

For a compatible Bang & Olufsen audio or video system.

RF OUT

Aerial output socket for distribution of video signals to other rooms. Also requires an RF Link Amplifier. See the Guide for further information.

SMARTCARD

For a card/module for access to encrypted digital channels. For further information about the SMARTCARD, see the Guide.

→ USB

For service use only.

Mains cord and plug

The supplied plug and mains cord are specially designed for the product. Do not change the plug and if the mains cord is damaged, you must buy a new one from your Bang & Olufsen retailer. Connect the ~ socket on the main connection panel of your TV to the wall outlet. The IR-receiver lights up in red and the TV is in standby mode and ready to be used.

Power Saving

If POWER SAVING is set to ON in the STANDBY SETTINGS menu and the TV is in standby, the sockets AV 4, MASTERLINK and RF OUT are deactivated. This means that you cannot access the TV from your link room audio or video system, while the main room TV is in standby. Furthermore, it is not possible to make recordings on sources connected to AV 4. See the Guide for further information.

First-time setup of your television

This first-time setup procedure is activated when the TV is connected to the mains and switched on for the first time. If you want to change your setup at a later date, you can access the same menus and update your settings.

Switch on the TV

It takes the TV approx. 20 seconds to start up and become ready for use.

TV
Switch on

Select settings

You are led through the First-time setup sequence when you switch on the TV for the first time.*¹ Some menus may not appear depending on your setup.

 or  

Select setting

Accept and go to next menu item

MENU LANGUAGE	Set the on-screen menu language
TUNER SETUP	Disable or enable internal TV tuner or DVB
STANDBY SETTINGS	Make standby settings for the TV
CONNECTIONS	Register connected equipment
AUTO TUNING	Tune in TV channels automatically. Available only if the TV tuner is enabled. See the Guide for further information.

This Getting Started describes operation with Beo4 in MODE 1 and the BEO4 SETTING menu set to NAVIGATION BUTTON, see also page 9.

Please remember to set your Beo4 with navigation button to the MODE corresponding to the setting you make in the BEO4 SETTING menu, see the Beo4 Guide for further information.

Information

Connections Select the type of equipment connected to each socket, the sockets used, the product name, and the source name.

¹*NOTE! When you have selected the preferred settings in a menu, you may have to press the green button to continue to the next menu in the first-time setup procedure. Follow the on-screen instructions.

Calibrate the stand

Set the maximum angle the TV will turn – left and right. The motorised movement of the TV will not work until the calibration process has been completed. You can only tilt the TV manually.

STAND ADJUSTMENT



At 'SET LEFTMOST POSITION' turn left to the point you wish to restrict the movement to



At 'SET RIGHTMOST POSITION' turn right to the point you wish to restrict the movement to

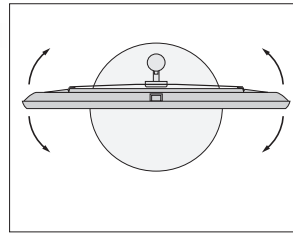


Accept

Set stand positions

Set preferred preset position for the TV to turn to, when it is switched on and off.

STAND POSITIONS



Speaker setup

Set up the speakers to optimise sound from your listening position.

SPEAKER TYPE

Select if you have connected external speakers or a subwoofer. See the Guide for further information.

ADJUSTMENT


Adjust volume, balance, bass, treble and loudness and preset two default speaker combinations. Select a different speaker combination at any time.

Calibration You need to calibrate the stand before you can use the motorised movement of the stand.

NOTE! If you want to use the sockets AV 4, MASTERLINK and RF OUT, you must set POWER SAVING to OFF in the STANDBY SETTINGS menu during first-time setup. You can also access this menu to change the settings later. See the Guide for further information.

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Waste Electrical and Electronic Equipment (WEEE) – Environmental protection

Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household waste; all electrical and electronic equipment, parts and batteries must be collected and disposed of separately.

When disposing of electrical and electronic equipment and batteries by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources. Collecting electrical and electronic equipment, batteries and waste prevents the potential

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

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

All Bang & Olufsen products comply with applicable environmental legislation throughout the world.

