

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.

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.

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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
- \updownarrow **Step through channels**
Hold for continuous step
- $\ll \gg$ **Rewind or wind, search backwards or forwards**
- $\langle \diamond \rangle$ **Navigation and centre button; move left, right, up and down \langle , \rangle , \uparrow and \downarrow – move in menus by pressing the button in the direction you need**
- \bullet **Centre button is used for selecting and accepting**
- $\color{red}\square \color{blue}\square \color{green}\square \color{orange}\square$ **Select colour specific functions**
- \diamond **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
- \bullet **Standby**

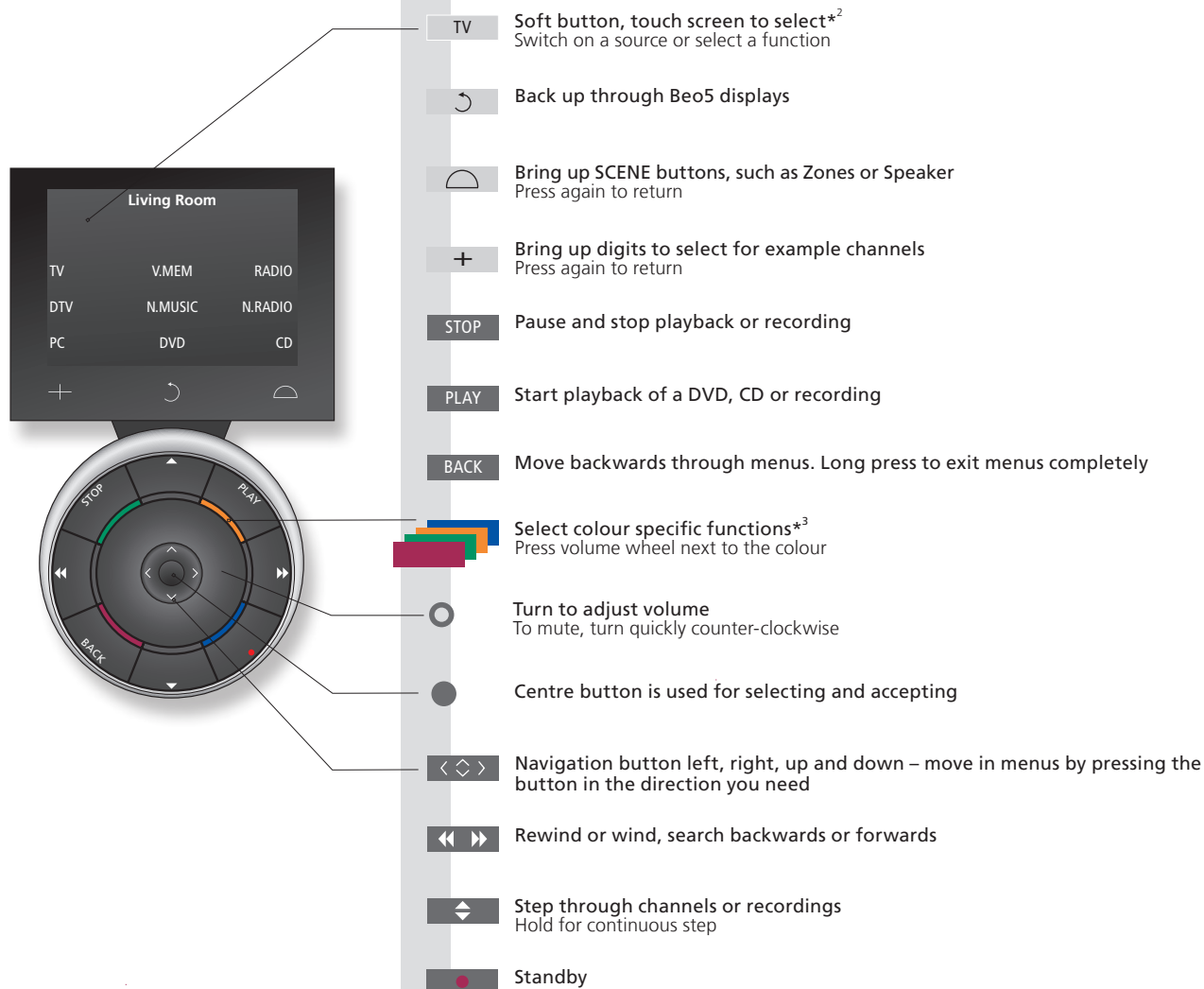
Important – for more information: www.bang-olufsen.com

***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.



²**About 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.

³**Coloured buttons** Press the wheel next to the colour to activate a coloured button.
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.

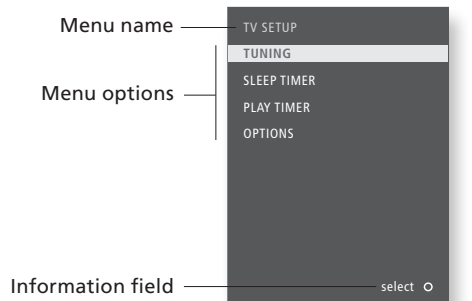
Introduction

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

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.

¹TV SETUP menu If you have disabled the TV tuner, 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



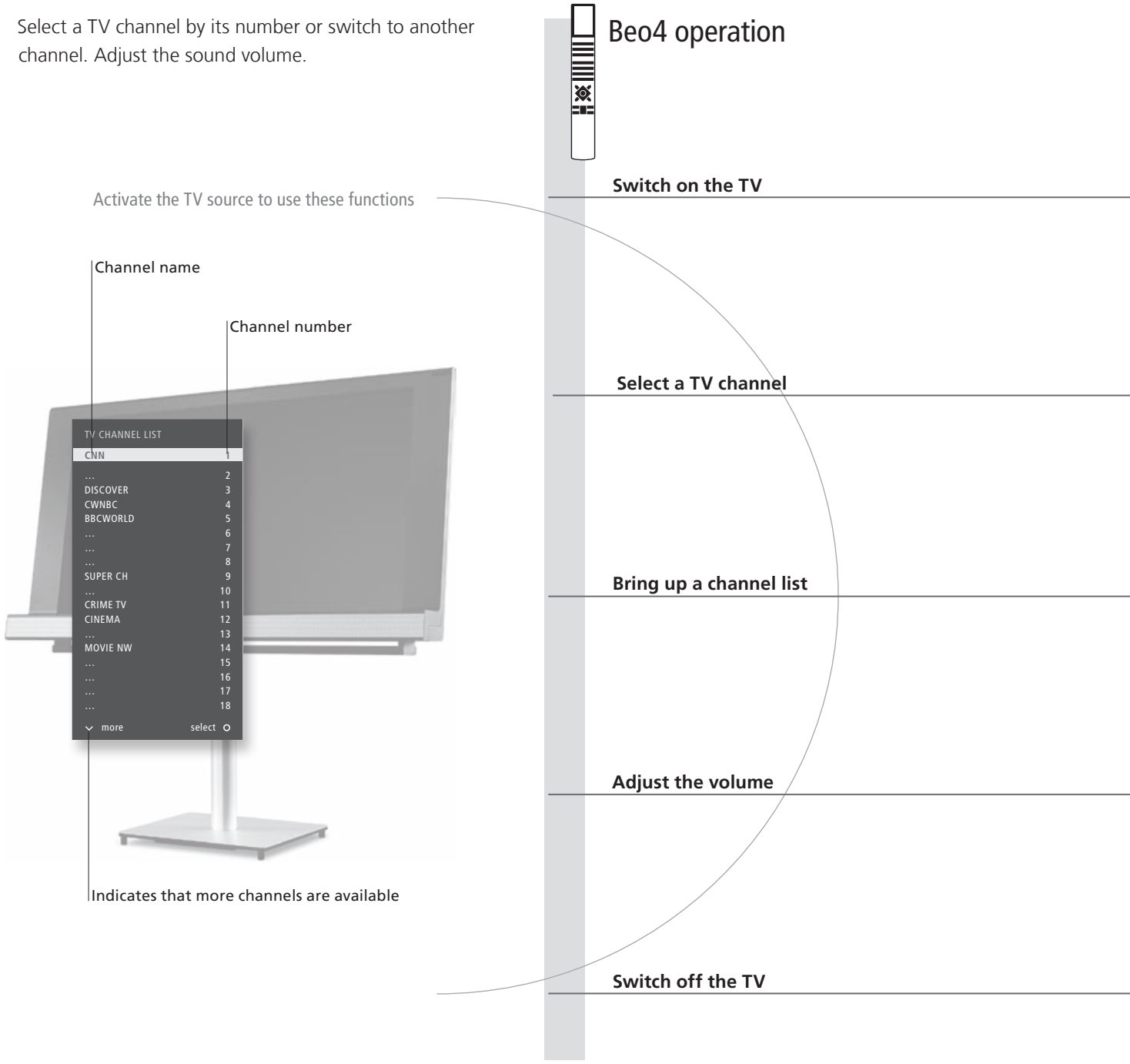
Move
backwards
through menus

Press and hold to
exit menus

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.

Watch television

Select a TV channel by its number or switch to another channel. Adjust the sound volume.





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 sound back



Press



Beo5 operation



TV

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



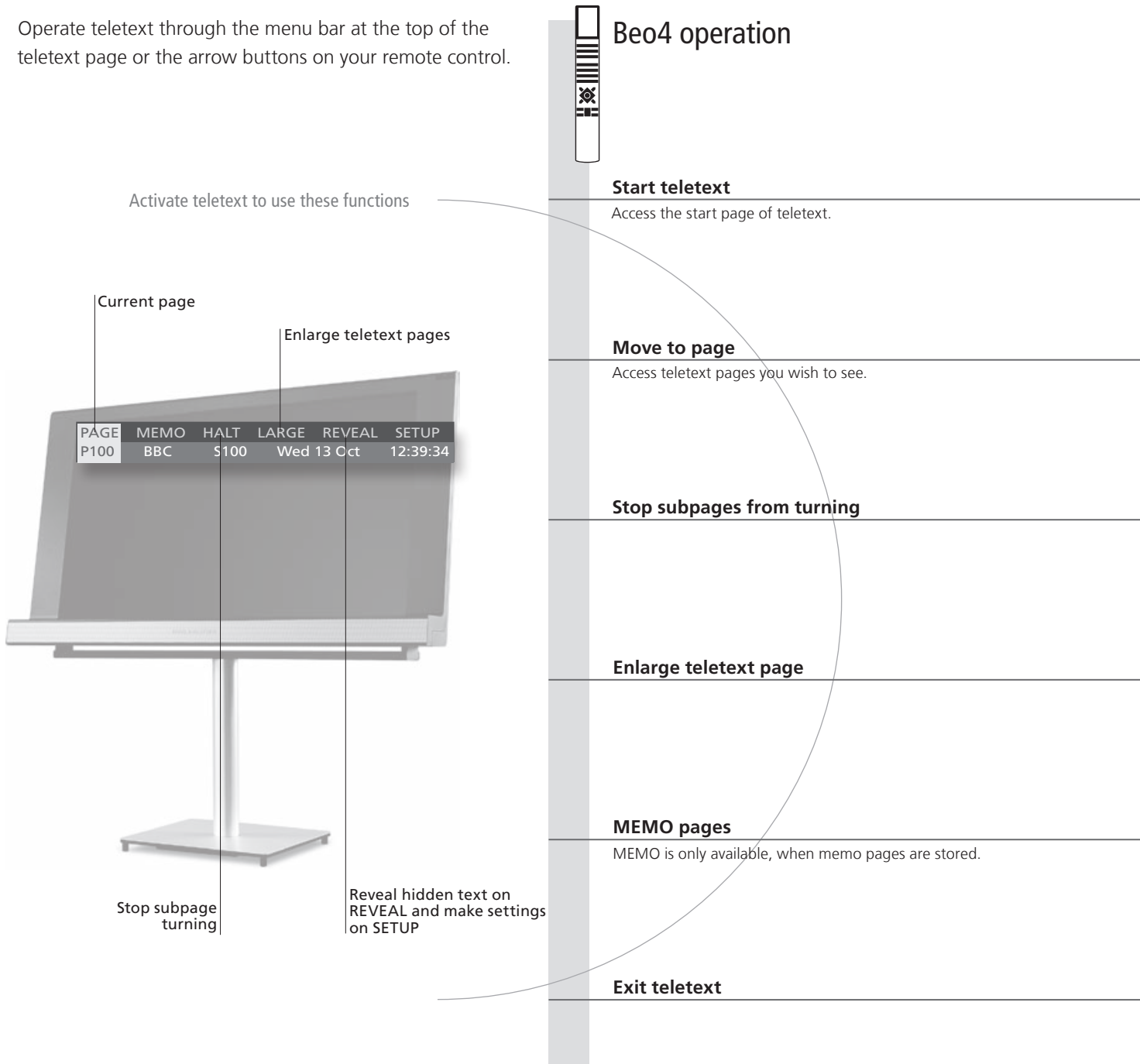
Turn either way to bring back sound



Press

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 Move to HALT Press 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

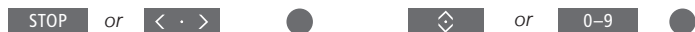
Press

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 MEMO pages

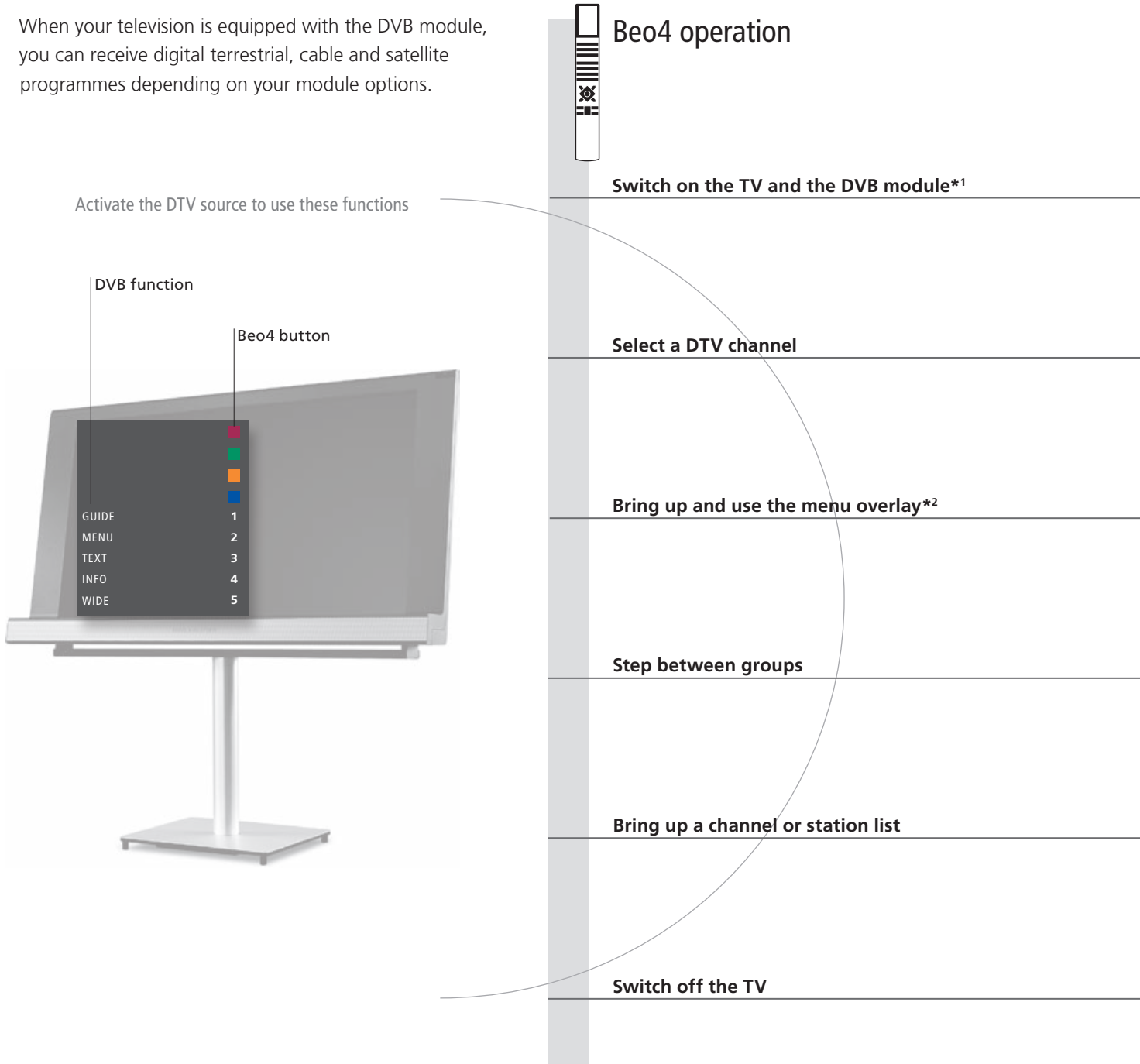
BACK

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 For more extensive and updated information, please look up the DVB Guide on www.bang-olufsen.com/guides.
¹**Activate DVB module** 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 channel
  or 	Activate the desired function
	Step between groups
  or  	Hold for channel list, Select page, Select channel, Accept
	Press

Beo5 operation



	Press
 or  	Select channel, 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

²*NOTE! Press **MENU** twice to bring up the TV SETUP menu.


Sound type and picture format

While you watch TV through the TV tuner, you can switch between available sound types and 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

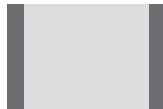
The TV automatically adapts the picture to fill out as much of the screen as possible when you select a source, but you can select a format yourself.

→ 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



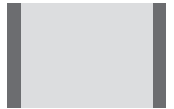
Zoom
The picture is adjusted vertically

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**.

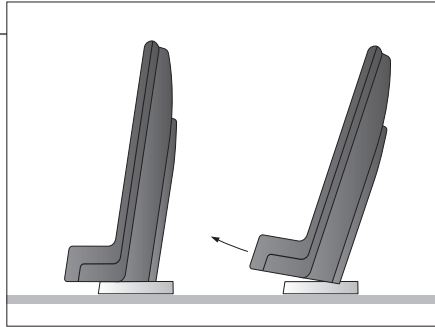
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Set up your television

Follow the guidelines for placement and connection described on this and the following pages.

Placement options

Place the TV on a firm and stable surface. The standard placement allows you to tilt the TV, for example to facilitate viewing at a low placement. To tilt the TV pull at the bottom of the TV.

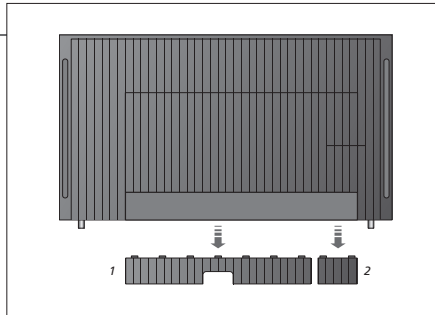


If you are going to place the TV on either the floor stand or the wall bracket, you must remove the two standard 'feet' from the TV. Follow the instructions in the guide enclosed with these optional accessories.

Overview

To remove the two covers for the main connection panel, first pull out, then pull down at the bottom – also if the TV is placed on a stand.

Always remove cover 1 before removing cover 2. When you have made all the connections and fastened the cables, mount the cable covers again.

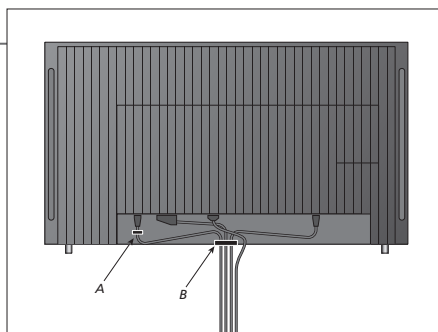


Important

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.

Run cables

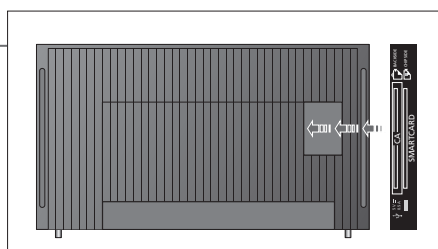
For safety reasons the mains supply cable must be fastened to the cable strip (A). All cables must be fastened to the cable strip (B). However, if your setup includes a VGA connection, do not run the VGA cable through the cable strip (B). Instead, use the two screws in the VGA plug to fasten it to the socket.



If you are going to connect any other equipment to the TV, do not connect it to the mains yet!

Smart Card and CA module

Remove the cover to access the CA module. To remove the cover, use your finger or place a plastic card in the second groove from the right and you can easily flip off the cover.



The CA module is a 'card reader' for your Smart Card which decodes the coded signals sent out by the programme provider. See the Guide for further information.

Cleaning

- Maintenance** Regular maintenance, such as cleaning, is the responsibility of the user.
- Screen and cabinet** Wipe dust off the surfaces using a dry, soft cloth. To remove stains or dirt, use a soft, damp cloth and water without leaving streaks or traces. Some micro-fibre cloths may harm the optical coating due to their strong abrasive effect.
- 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.



Standard sockets



Surround Sound Module sockets



System Module sockets (optional)



DVB Module sockets (optional)

~ – Mains supply

Connection to the mains supply.

HDMI IN (A–B, and C on some models)

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 to the HDMI C socket, when available, otherwise to the HDMI B socket.

SPDIF (1–2)

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

PUC (1–4)

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

AV (1–2)

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

VGA (AV3)

For connection of a PC to receive analogue graphics.

AV3 (video, L, R)

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

Y – Pb – Pr (AV2–4, 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.

AERIAL

Aerial input socket for an analogue TV signal.

Useful hints

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 LINK (SUB)

Use for connection of a Bang & Olufsen subwoofer.

POWER LINK (FRONT – REAR)

Use for connection of external loudspeakers in a surround sound setup. See the Guide for further information.

AV (4)

21-pin sockets for connection of additional video equipment, such as a 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.

↔ USB

For service use only.

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.

SMARTCARD

For a card/module for access to encrypted digital channels. For further information about the SMARTCARD, see page 19 or the Guide.

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

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 following settings only when you switch on the TV for the first time.*¹ However, the sequence of menus depend on the connections and settings you make.



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

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 MODE1 and the BEO4 SETTING menu set to NAVIGATION BUTTON, see also page 8.

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 speakers

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

SPEAKER TYPE

First-time setup of loudspeakers applies only to speakers for TV viewing.

SPEAKER DISTANCE

See the Guide for further information.

SPEAKER LEVEL


ADJUSTMENT

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

*NOTE! Depending on which software version is installed in your television, you may have to activate the optional system module during first-time setup. The module can also be activated later. See the Guide for further information.

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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.

