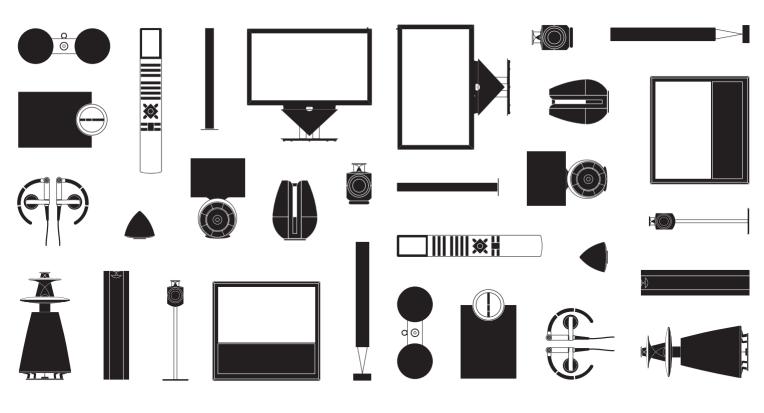
BeoVision 11

BeoVision 11-40

BeoVision 11-46

BeoVision 11-55



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; HomeMedia and WebMedia functions and auto standby, editing and naming channels. These and other features are described in more detail in the product's online guide.

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

The guides are also 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 more information and relevant FAQs (Frequently Asked Questions) 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.



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. To prevent injury, use Bang & Olufsen approved stands and wall brackets only!
- Place your television on a firm, stable surface.
- 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 intended 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).
- If the television has been exposed to temperatures below 5°C (40°F), leave it at room temperature and wait until the television has regained normal room temperature before it is connected to the mains and switched on.
- Do not place the television in direct sunlight or direct artificial light, such as a spotlight, as this may reduce the sensitivity of the remote control receiver. Also if the screen is overheated, black spots may appear in the picture. These spots disappear again, once the television cools down to normal temperature.
- WARNING: 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.
- 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.
- To prevent the spread of fire, keep candles or other open flames away from this product at all times.
- 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 product can only be switched off completely by disconnecting it from the mains socket. The mains socket must always be accessible.
- Follow instructions to ensure correct and safe installation and interconnection of equipment in multimedia systems.
- The product label is placed behind the connection cover.

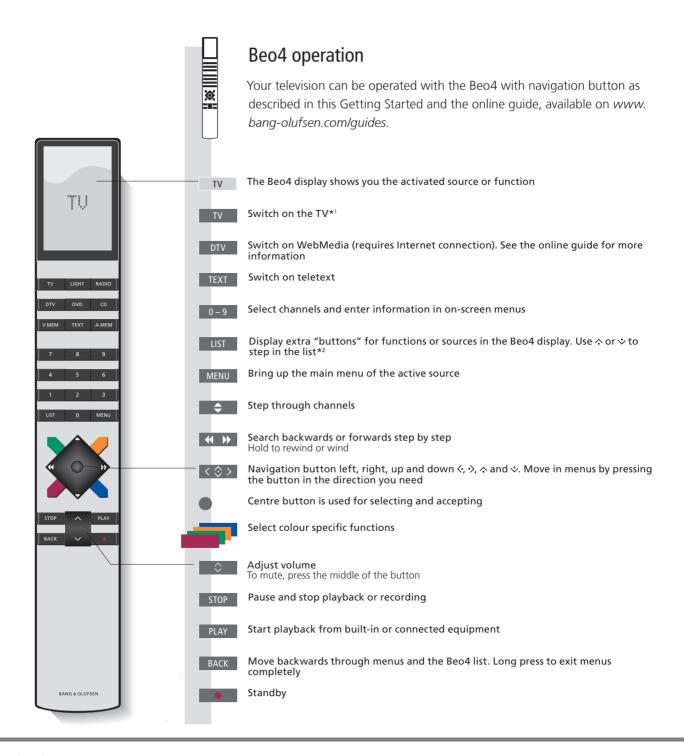
Contents

Daily use

- 6 How to use your remote control
- 8 How to navigate in menus
- 10 Watch television
- 12 Pause and play back a programme
- 14 Play a recording
- 16 Watch 3D television
- 18 HomeMedia
- 19 Change picture and sound settings

Installation and setting up

- 22 Set up your television
- 23 Cleaning
- 24 Connection panels



Important – guides and FAQs are found on www.bang-olufsen.com/guides

1*Beo4 buttons Some buttons can be reconfigured during the setup process. See the online guide for more information.

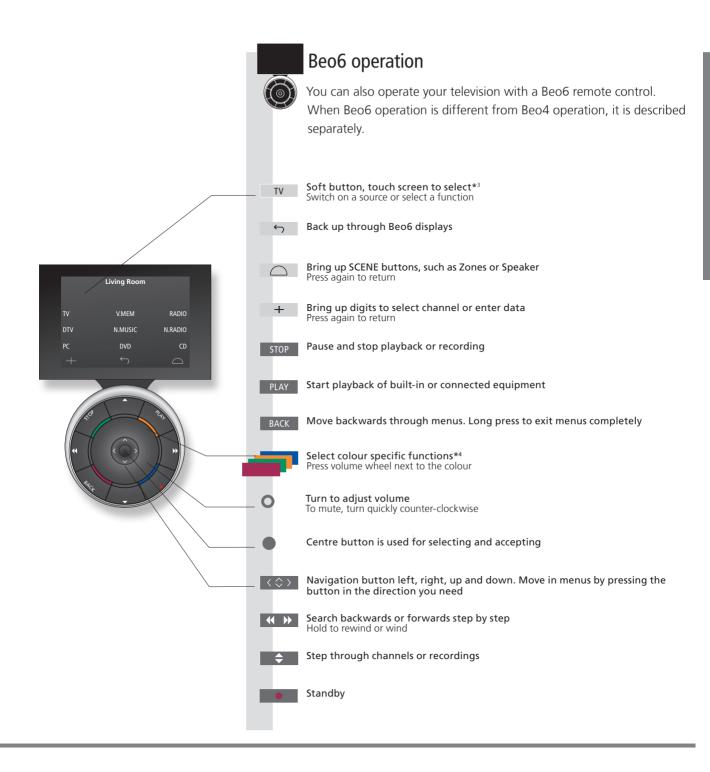
NOTE! For general information about remote control operation, see the guide enclosed with your remote control. 2*LIST In the Beo4 LIST, you find many of the buttons found under the \(\triangle \) button on Beo6.

Digital Text/MHEG Some countries and CA modules require activation of Digital Text/MHEG. Consequently, some differences apply for

Beo4. When no menu is shown on the screen, you must press MENU before a coloured button. See the online guide

for more information.

MODE settings Check that your Beo4 remote control is in MODE 1. See your Beo4 online guide.



3*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.

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

Actual zone Indicates the actual zone on Beo6 as it was named during the setup process.

Soft buttons on Beo6 Depending on the activated source, different soft buttons appear on the screen. Touch the screen to activate the function.

How to navigate in menus

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



Select source and select settings.

Switch on TV

Show menu

Navigate in menus

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



Hiahliaht menu /change setting



Bring up sub-menu/store setting



Move backwards through menus

Press and hold to exit menus

BACK

A gradient line

and right

indicates that you can

edit settings using the

navigation button left

Step between menu pages

Some menus take up more space than available on the television screen. This is indicated by half a menu item at the bottom or top of the screen. To easily step from the top of a list to the bottom, use the navigation button up.

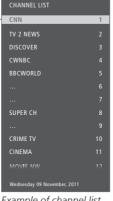


Step in pages



Scroll through menu items







PIN CODE

Information

Getting Started and guide This Getting Started and the online guide are primarily described with Beo4 remote control operation. Main menu You can always bring up the main menu including a menu overlay of the active source if you press MENU.

Select source

Bring up main menu





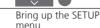
You can select a source just by pressing the dedicated button on the remote control, or you can select a source via the menu.

Bring up help texts

You can bring up help texts with explanations of features and functions when available in menus and submenus

General features and functions are also explained in the NICE TO KNOW menu *1

Bring up main menu







Show/hide help texts

Standby indicator

The standby indicator on the television will provide you with information about the television state.









Quickly flashing red

Off

The standby indicator flashes green shortly and the TV is ready to be used. To reduce start up time, see the online guide regarding power settings.

The TV is in standby but leave it connected to the mains supply due to software downloads.

The TV has been disconnected from the mains supply and you must enter the pin code. See the online guide for more information on the pin code system, available on www.bang-olufsen.com/guides.

Do not disconnect the TV from the mains supply. Could be due to new software being activated or too many failed pin code attempts.

The TV is in standby and you can disconnect it from the mains supply if you want. However, this activates the pin code system.

Help texts In the SETUP menu, you can show/hide help texts using the blue button. For some languages, help texts are only available in English.

*NICE TO KNOW menu Access the menu from the SETUP menu. You can read about basic features and functions. When your television receives software updates (requires Internet connection), new features and functions will be explained here.

Watch analogue and digital terrestrial, cable and satellite channels depending on your tuner options. Make channel groups, and turn the TV. Make a recording on the optional hard disk recorder.



Operation

Select a channel

Switch on the TV

Bring up and use the menu overlay

Record here and now

While recording, you can also watch another recording, source or TV channel.*2

Make channel groups

If you have a lot of channels, you can make groups to find your favourite channels easily. Access the FAVOURITES menu from SETUP > CHANNELS > EDIT TV GROUPS.

Turn the TV

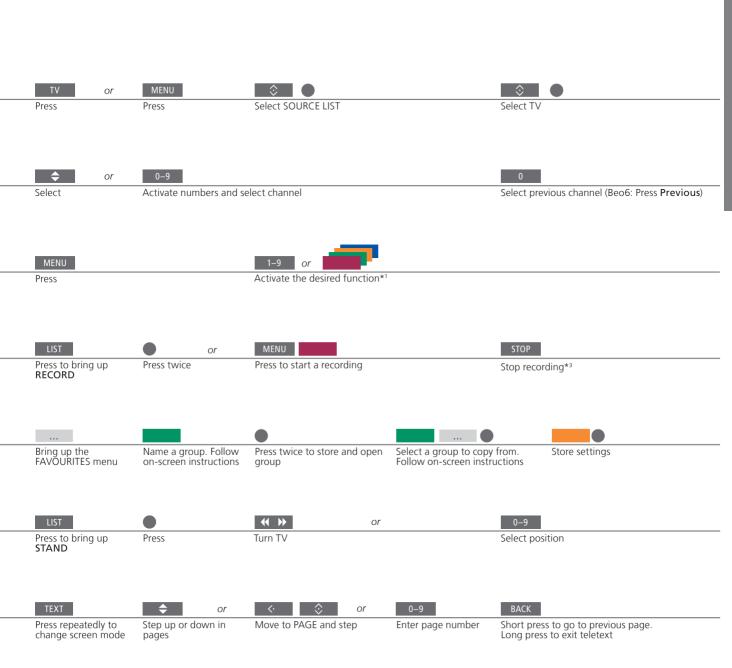
If your TV is equipped with a motorised stand or wall bracket, you can turn it by means of the remote control.

Use teletext

If available from your programme provider, you can bring up teletext for the selected channel.

Information

1*Coloured functions You can also activate coloured functions without pressing MENU first if Digital Text/HbbTV is disabled. 2*Record here and now It is only possible to record from digital channels and stations. The TV has two tuners so you can record one programme while watching another. You can also record two programmes at the same time. You cannot start a new recording if the hard disk is full of protected recordings. See the online guide for information about space management of recordings.

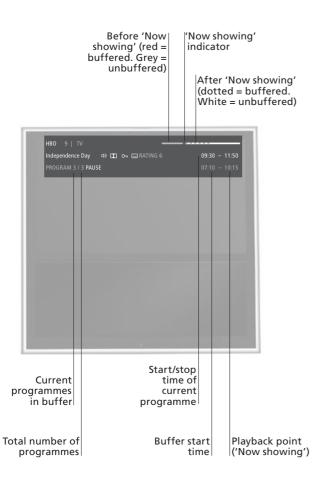


Programme Guide For information about Programme Guide and information, see the online guide and information on www.bang-olufsen.com/guides.

Radio To access RADIO mode, radio stations need to be tuned in first. See the online

3*Stop a recording If two recordings are in progress, you must choose which recording to stop.

NOTE! To use the motorised stand or wall bracket function, you have to calibrate the stand or wall bracket first, see the online guide. To preset positions for the TV to turn to, see the online guide. With the optional hard disk recorder you can pause, repeat and resume a digital programme in progress. The television continues saving during timeshift, so you are sure to see the entire programme.



Operation

Pause a programme Pause the programme on the current channel. Play back Play back a programme that you have paused. Go to a specific point Enter a specific time to go to in the timeshift buffer content. Step or cue backwards or forwards Step backwards or forwards minute by minute. Step between programmes Go to the previous or next programme in the timeshift buffer. Pause playback Pause playback of the timeshift buffer content.*1 Switch to the live signal Switch from timeshift mode to the live signal.

Information

1*Timeshift

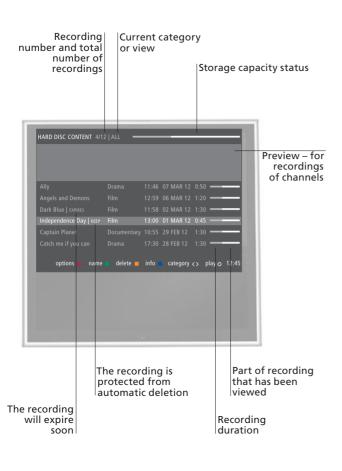
The timeshift buffer memory is 4 hours. If a programme remains paused until the buffer is full, you must press PLAY to continue saving to the buffer and thereby delete the oldest content. If you change source, channel or station, or if you switch off the TV, the buffer content is deleted. For more information about the timeshift buffer, see the online guide.

 STOP	To return to live signal, select source again, such as TV
Press	To return to live signal, select source again, such as T V
PLAY	
Play back	
0 – 9	
Select point in time	
↔ or	⟨⟨⟩
Step backwards or forwards	Long press to cue backwards or forwards
\	
Press and hold to go to previous or next program	me
STOP	⟨⟨⟩
Press	Slow playback, press again to change speed
STOP or	
Press twice to go to live signal	Press source button for source being timeshifted

Timeshift settings For information on when the timeshift buffer is activated and how to make settings for the buffer, see the online guide. **MHEG or HbbTV** You cannot activate MHEG or HbbTV during timeshift mode.

NOTE! To find out how to copy content from the timeshift buffer to a permanent recording, see the online guide.

With the optional hard disk recorder you can play and browse through recordings of digital programmes.



Operation

Switch on the hard disk recorder

It takes some time to start up the hard disk recorder.

Select and play a recording

From play mode you can also activate the HARD DISK CONTENT menu if you hold PLAY or the centre button.

Pause or stop playback

Pause or stop playback of a recording.

Step between recordings

Go to the previous or next recording within a category.

Go to a specific point

Enter a specific time to go to in a recording.

Step or cue backwards or forwards

Step backwards or forwards minute by minute.

Switch off the hard disk recorder

Information

Playback information When you select a recording to play, an information banner appears. The banner is removed automatically or if you press BACK. All recordings are lossless, and to bring up information on a highlighted recording in the HARD DISK CONTENT menu, you must press the blue button. Press the button again to remove the information. To stop a recording in progress, highlight the recording and press the **yellow** button.

Pause and stop playback When the picture remains unchanged for 8 minutes, the TV screen dims automatically.

Play recording

V.MEM Select source of recorder. Playback begins automatically of the last viewed recording, the newest recording or a recording in progress MENU Select RECORDINGS and open HARD DISK Select category or view Select recording CONTENT menu Pause Slow playback, press again to change speed Stop



Press to go to previous or next recording

Activate numbers

Select point in time







Step backwards or forwards

Long press to cue backwards or forwards







Switch source

Switch off TV

Playback When you select a recording to play, the TV resumes playback from where you left off the last time the same recording was played. If you have viewed the recording to its end, playback starts from the beginning.

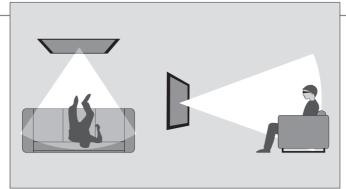
Parental Lock When you want to play back a recording for which a Parental Lock has been activated, you must enter a four-digit access code. No preview is shown of this recording. See the online guide for information about setting a Parental Lock.

NOTE! Stopping a recording brings up the HARD DISK CONTENT menu. The bar at the top indicates how full the hard disk is. A protected recording is indicated by |KEEP. For information about protection, see the online guide.

You can enhance the experience of watching television with 3D technology, for example, when you want to watch movies, sports or nature films.

Viewing conditions

Place yourself in front of the screen, a little closer than when you normally watch 2D TV, and use the 3D glasses. The recommended distance between your viewing position and the screen depends on the size of the screen and the picture resolution. If you move too far to the left or right of the centre of the screen, or if you move too far up or down, the quality of 3D TV decreases.



You will get the best 3D experience if you darken the room, for example, switch off the lights and draw the curtains. Especially lights behind and around the screen can cause an irritating effect. We recommend not to watch 3D TV in direct sunlight or bright surroundings.

Activate 3D or 2D TV

To watch films or other programmes suited for 3D, you must activate the 3D function and put on the activated 3D glasses that are available from your retailer. Switch to 2D mode again to watch TV that is not suited for 3D, for example, the news.

Bring up PICTURE menii

Select 3D DISPLAY menu

Select 3D or 2D

Accept and watch 3D or 2D respectively, or select mode

3D/2D

If automatic 3D signalling is available, the TV automatically switches to 3D when you select 3D and to 2D when you select 2D. If automatic 3D signalling is not available, a menu for 3D or 2D mode selection appears on the screen. See the next page for information about modes.

Important

Important health and Some viewers may experience discomfort while watching 3D TV such as dizziness, nausea and headaches. If you experience such safety information symptoms, stop watching 3D TV, remove the 3D glasses and rest. Watching 3D TV for an extended period of time may cause eye for 3D pictures strain. If you feel eye strain, stop watching 3D TV, remove the 3D glasses and rest. If you use eye glasses or contact lenses, wear the 3D glasses over them. Do not use the 3D glasses for other purposes. Adults should supervise children watching 3D TV and ensure that they do not experience any discomfort as mentioned above. It is recommended that children under 3 years do not watch 3D TV.

3D modes

Select the 3D mode that matches the signal sent out by the programme provider.

SIDE BY SIDE 3D

Converts side-by-side 3D signal into full screen 3D representation by scaling two pictures horizontally

TOP/BOTTOM 3D

Converts top/bottom 3D signal into full screen 3D representation by scaling two pictures vertically

2D modes

Select the 2D mode that matches the signal sent out by the programme provider.

STANDARD 2D

Shows an ordinary 2D TV picture without any conversion.

SIDE BY SIDE 2D

Converts side-by-side 3D signal into full screen 2D representation by scaling one picture horizontally

TOP/BOTTOM 2D

Converts top/bottom 3D signal into full screen 2D representation by scaling one picture vertically

Automatic change of mode

If automatic 3D signalling is no longer available, the TV automatically switches to the last used mode for the current source. At channel and source change, the TV switches to STANDARD 2D.

Dual screen

If two sources are brought up on the screen at the same time or if teletext is brought up on one side and a source on the other, the TV will always display a 2D mode.

Subtitles Subtitles may not always be supported.

HomeMedia

You can play music and video files and browse photos stored either on a storage device or product connected via a DLNA/UPnP enabled media server. For more information about connections and functions, see the online guide available on www.bang-olufsen.com/quides.

Use HomeMedia

H MEDIA

When you connect a storage device to your television, it detects the source automatically and asks if you want to browse the content. You can also access the HOMEMEDIA menu via the SETUP menu

Bring up H.MEDIA in your Beo4 display*1

Listen to music

BACK

Select the folder with the music you wish to listen

Select storage device with music Browse in files or step in tracks. Select a music file to start playback

Pause

Resume playback

Back up through menus or hold to return to the media browser main menu

Browse photos





Pause

 $\langle \langle \rangle \rangle$

()

Select the folder with the photos you wish to watch.

Select storage device with photos

Browse files and folders and press to start slideshow Step between

previous and next photo

Play back video files





PLAY

Select the folder with the video files you wish to watch

Select storage device with video files

Browse files and folders and press to open

Step minute by minute. Press and hold to cue. Press again to change speed

Resume playback

Information

1*Beo4 LIST

Bring up H.MEDIA in the Beo4 LIST. If you do not have the button, you can dedicate another button to HomeMedia in the SETUP menu.

Storage devices Access HOMEMEDIA source

You can connect, for example, USB devices and hard disks connected via USB or Ethernet. You can bring up the main menu, select SOURCE LIST, highlight HOMEMEDIA, and press the centre button to activate HomeMedia.

Supported format

Supported formats are listed on www.bang-olufsen.com/guides.

While you watch television, you can adjust the sound and picture settings. See the online guide on www.bang-olufsen.com/guides for more information about these settings.

Select sound modes

The television has several sound modes optimised for different types of programmes. In the SOURCE LIST SETUP menu, you can, for each source, set up a sound mode to be used each time you activate this source.

LIST SOUND 1–9

SOUND

Bring up sound modes on the



On Beo6, select between available sound modes, for example Speech

Sound ... Speech

Select picture modes

You can activate different picture modes to use for different types of programmes. When you select a picture mode for a source, it is only saved until you switch off the television or switch to a different source.

In the SOURCE LIST SETUP menu, you can, for each source, set up a picture mode to be used each time you activate this source.

LIST PICTURE 1–3 Bring up picture modes on the

television screen and select mode If you remember the number of the mode you want, press 1-3 after PICTLIRE

television screen and select mode.

mode you want, press 1-9 after

If you remember the number of the

Step between modes

4 b

On Beo6, select between available picture modes, for example, Movie

Picture... Movie

Select picture format

In the SOURCE LIST SETUP menu, you can, for each source, set up a picture format to be used each time you activate this source. You can also select a different picture format temporarily.

Bring up picture formats on the television screen and select format. If you remember the number of the format you want, press 1-6 after FORMAT

LIST FORMAT 1–6

₩ between formats

Move the picture, if nossible

Picture... P.Format Auto On Beo6, select between available picture formats, for example Auto

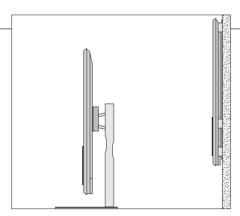
- 22 Set up your television
- 23 Cleaning
- 24 Connection panels

Set up your television

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

Placement options

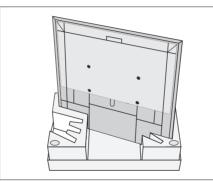
The TV has several placement options. Refer to www.bang-olufsen.com for available stands and wall brackets or contact your Bang & Olufsen retailer



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

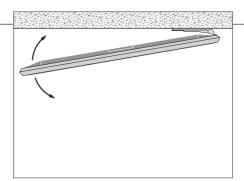
Handling

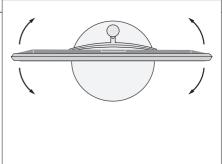
We recommend that you place the TV in the packaging while you fasten the wall bracket or the bracket for the stand to the back of the TV.



Wall bracket and stand

Set the maximum angle the TV will turn on the motorised stand or wall bracket. The wall bracket without a motor can manually be turned 90° left or right depending on your setup. Remember to leave enough space around the TV to allow it to turn freely.





Important

Ventilation

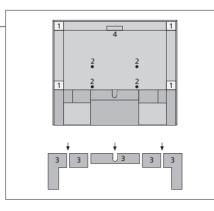
To ensure proper ventilation, allow enough space around the screen. At overheating (flashing standby indicator and an on-screen warning), switch the TV to standby, not off, in order for the TV to cool down. You cannot operate the TV during this time.

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:

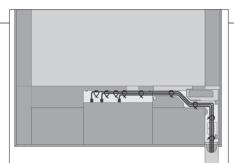


- 1 Mounting bracket for wall bracket.
- 2 Mounting bracket for stand.
- 3 Covers for the main connection panel. Pull out at the bottom to remove the cover parts
- **4** Socket for temporary connections. Press in the middle to open.

Depending on your setup, lead the cables through the hole in the middle or either sides of the connection panel cover.

Run cables

Gather the cables from each side, make the bundles cross each other, and fasten them to either side or in the middle, depending on wall bracket or stand placement.

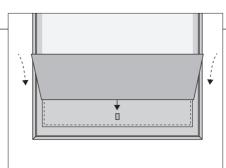


If you have a motorised stand or wall bracket, make sure that there is enough slack in the cables to allow the TV to turn to either side before you fasten the cables with cable ties to make a neat bundle.

Fasten the speaker cover

When the TV is placed on a wall bracket or stand you can attach the speaker cover.

Hold the speaker cover with both hands and place the pins into the holes at the bottom first. Then carefully place the pins into the holes at the top and push down.



During cleaning it is recommended to remove the speaker cover. Avoid spraying liquid directly on the screen as this may damage the speakers, use a soft cloth instead.

Carefully remove the speaker 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

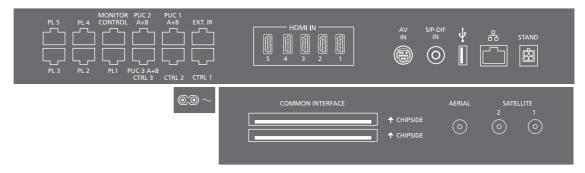
may harm the optical coating due to their strong abrasive effect.

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.

Any equipment you connect to the main connection panel must be registered in the SOURCE LIST SETUP menu. Equipment connected to the top connection panel can be registered in the SOURCE LIST SETUP menu.



~ - Mains supply

Connection to the mains supply.

PL 1-5 (Power link)

For connection of external speakers in a surround sound setup. See the online guide for more information.

MONITOR CONTROL

For future use.

PUC 1-3 A+B

For IR control signals to external equipment connected to an HDMI IN or AV IN socket. Allows you to control non-Bang & Olufsen equipment with your Bang & Olufsen remote control.

CTRL (1-2)

For future use.

FXT IR

For future use.

HDMI IN (1-5)

The High Definition Multimedia Interface allows you to connect many different video sources, such as set-top boxes, multimedia players, Blu-ray players, or a PC.

Δ\/ IN

For connection of analogue video equipment.

Digital audio input socket, for example, a PC.

USB (+→•)

For connection of a USB device to browse digital photos, video or music files.

- Ethernet*1

For connection to the Internet. For software updates, access to WebMedia and PUC downloads.

Information

Mains cord and plug Connect the ~ socket on the main connection panel of your TV to the wall outlet. The TV is in standby mode and ready to be used.

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.

1*Make sure the cable connection between the product and the router does not exit the building to avoid contact with high voltage.

We recommend that you connect the television to the Internet to be able to receive software updates and to download Peripheral Unit Controller (PUC) tables. PUC tables enable you to operate connected non-Bang & Olufsen products with your Bang & Olufsen remote control.

STAND

For connection of a motorised stand or wall bracket. See the online guide for calibration of stand or wall bracket.

AERIAL

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

SATELLITE (1-2)

Aerial input sockets for a digital satellite signal. Depending on your tuner options, you may have either one, two, or no satellite sockets.

2 x PCMCIA (CA Module)

For insertion of a module and card for access to coded digital channels. For more information about compatible card and module combinations, contact your Bang & Olufsen retailer.

Sockets for temporary connections

HDMI IN (6)

HDMI IN connection of additional video equipment. You can also connect a camera or a game console.

PHONES (Ω)

For connection of stereo headphones.

- > To mute speakers, press in the middle of the button. (Beo6: Turn the volume wheel quickly counter-clockwise).
- > Press \(\) or \(\times \) to adjust volume in headphones. (Beo6: Turn the volume wheel either way).
- > To restore sound in speakers, press the middle of the \sqrt button. (Beo6: Turn the volume wheel quickly counter-clockwise).

NOTE! Prolonged listening at high volume levels can cause hearing damage!

USB (→→•)

For the connection of a USB device, such as a media browser (HomeMedia), to browse digital photos, video or music files.



Push to open the cover to access the HDMI IN, headphones and USB sockets. Push again to close

Temporary connections

Ethernet connection

Online guide

You can connect headphones and listen to a programme, or you can connect a camera and watch your home movies on the TV.

Connect your television to the Internet to receive software updates and download Peripheral Unit Controller (PUC) tables. It is recommended that you set your television to update software automatically. The online guide includes more information about setup and connection of external equipment.

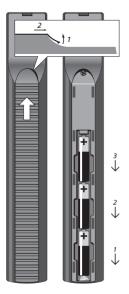
Waste Electrical and Electronic Equipment (WEEE) – Environmental protection



Electrical and electronic equipment, parts and batteries marked with this symbol must not be disposed of with normal household wastage; 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.



Beo4

This product complies with applicable environmental legislation throughout the world.

C€0889**0**

Hereby, Bang & Olufsen declares that this television with WLAN is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The Declaration of Conformity may be consulted at www.bang-olufsen.com/quides.

See www.bang-olufsen.com/guides for more information.

AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR.

This equipment should be installed and operated with minimum distance 20 cm between the antenna and your body.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.

HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

DOLBY.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



Manufactured under license under U.S. Patent Nos: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS Digital Surround and the DTS logos are trademarks of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.



