BeoSystem 3



BANG & OLUFSEN

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 the product's Guide.

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

All DVB functions are described in separate 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 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

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

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. 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 developed for indoor use in dry, domestic environments only. Use within a temperature range of 10–35°C (50–95°F), and at an altitude of no more than 1,500 m (5,000 ft).
- 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.
- 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 television can only be switched off completely by disconnecting it from the wall socket.
- The disconnect device shall remain readily operable.
- 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.

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 Watch 3D television
- 18 Change sound type and picture format
- 19 Use the Adaptive Sound Technology

Installation

- 22 Set up your television
- 23 Cleaning
- 24 Connection panels
- 26 First-time setup of your television

How to use your remote control



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

1*About buttonsLight 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.2*Coloured buttonsPress the wheel next to the colour to activate a coloured button.Actual zoneIndicates the actual zone on BeoG as it was named during the setup process.Soft buttons on BeoGDepending on the activated source, different soft buttons appear on the screen. Touch the screen to activate the
function.



3*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.

Introduction

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

Display and menus	Living Room	TV	Menu
Information about the selected source is shown in the display on the remote control. On-screen	Select TV's zone*1	Switch on TV	Show menu
menus allow you to adjust settings.			



Important

***Zone** Zones are named in the Beo6 configuration.



Remote control This Getting Started and the Guide describe operation with the REMOTE CONTROL menu set to NAVIGATION BUTTON. In the OPTIONS menu, you can bring up the REMOTE CONTROL menu and set up your television to be operated with or without a navigation button. Remember to set your Beo4 remote control to the correct mode. Do not change MODE during first-time setup, as this will interrupt the sequence. See the guide enclosed with your remote control or contact your Bang & Olufsen retailer for further information.

Watch television



Useful hints

Automatic Colour Management

If the screen turns black with a grey scale bar and a sensor arm that swings down from the television frame upon pressing the standby button, an automatic colour calibration has started. Automatic Colour Management automatically compensates for colour changes on the screen for every 100 hours of use approximately. Do not switch off the television or disconnect it from the mains during the calibration.



Look up teletext



Useful hints

POINT To return to the previous page, press **BACK**. The point feature is only available if your remote control has a navigation button that is enabled.

MEMO pages Dual screen

For quick access, store a teletext page as a MEMO page. See the Guide for further information. When teletext is activated, press **Text** to swap between dual screen and full screen mode.

REVEAL To reveal hidden text on a teletext page, move to REVEAL and press the centre button.



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

 ¹*Subpages
 Note that after channel change, teletext must register all subpages, before you can use HALT and step between subpages.

Watch television via the DVB module



Useful hints

DVB guide Multifeed

For more extensive and updated information, look up the DVB guide on www.bang-olufsen.com/guides.
 MULTIFEED is only available if supported by your programme provider.





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

Watch 3D television

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

Viewing conditions

Place vourself in front of the screen, a little closer than when you normally watch 2D television, 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. Note that not all screens support 3D technology. Contact your retailer for further information.

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 television

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 Scene display on Beo6 or TV → SETUP menu Select 3D Display on Beo6 or bring up 3D DISPLAY menu

→ Select 3D or 2D



3D/2D

If automatic 3D signalling is available, the television 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 6 years do not watch 3D TV.

3D modes

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

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 progamme provider.



STANDARD 2D

SIDE BY SIDE 2D



TOP/BOTTOM 2D



one picture vertically

Automatic change of mode

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

Television screens and projectors	Not all connected television screens and projectors support 3D technology. If a television screen or a projector connected to the system does not support 3D, 3D in the 3D DISPLAY menu is greyed out in TV or CINEMA mode respectively.
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 television will always display a 2D mode.
Subtitles	Subtitles may not always be supported.

Change sound type and picture format

While you watch TV through the television tuner, you can switch between available sound types and adjust the picture format.



Useful hints

¹*Sound and picture

²*Optimise ^{3*}Move picture up or down ⁴*Variation On Beo4 bring up **SOUND** for sound types and **FORMAT** for picture formats via the **LIST** menu. In order to display **SOUND** and **FORMAT** on Beo4, you must first add it to the Beo4 list of functions. The picture format is optimised, if you press **Optimise** on Beo6. On Beo4, press the **centre** button. The picture can only be moved up or down in **Standard** and **Zoom**.

In Standard, you can select variations of the format, if you press Variation on Beo6. On Beo4, press ◀ or ▶.

Use the Adaptive Sound Technology

To optimise the sound experience for your listening position, you can select a customised listening preset and even rotate the sound to match the direction you are facing.

Select listening preset	\square	Preset		and/or	■ Rotate	Rotate
When you watch television or listen to music, you can select your own listening preset to optimise the sound for your listening position. You can also rotate the preset's sound so that the sound is experienced as coming from directly in front of you. Adaptive Sound Technology must be enabled and set up. See the Guide for further information.	Press	Press	Select preset		Rotate sound	

Remote control

Automatic selection of listening presets

To enjoy the advantages of this setup, several speakers and a Beo6 remote control are necessary. If you have only a few speakers or a Beo4 remote control, this setup is not recommended and you should choose the setup without Adaptive Sound Technology described in the Guide. The sound automatically switches to the TV preset when you switch on the TV. You can set an AUDIO PRESET in the SOUND ADJUSTMENT menu to make sound switch to a specific customised listening preset automatically when you select an audio source.

- 22 Set up your television
- 23 Cleaning
- 24 Connection panels
- 26 First-time setup of your television

Set up your television

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

Run cables

When you connect external equipment to the system, we recommend that you connect equipment to the sockets at the far ends of the socket panel first, and work your way in towards the middle of the socket panel. This allows you access to the necessary sockets throughout the connection procedure.

- 1 Mount the left and right cable bracket on the system as shown.
- 2 Open the cable brackets, make the necessary connections, run the cables down through the brackets, and close the brackets.
- *3* When connections are complete, attach the cable cover by sliding the cable cover down over the cable brackets. The tabs (A) should fit the gaps in the cable cover.
- **4** Press the cable cover down lightly until it clicks into place. To remove the cable cover, press the tabs (A) inward with your thumbs while lifting the cable cover with your fingers.



Important

Ventilation To ensure proper ventilation, allow for at least 5 cm (2") of space on each side of the TV and 10 cm (4") above it. Do not cover the ventilation holes on the rear. 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.

NOTE! Do not allow still pictures, such as logos, video games, computer images, and images displayed in 4:3 format, to be displayed on the screen for an extended period of time. This can cause a permanent after-image to remain on the screen.

IR-receiver for a projector

If you have both a television screen and a projector, and the projector screen covers the IRreceiver when in use, you must mount a second IR-receiver.

The IR-receiver receives signals from your remote control and sends them to the system, which then sends control signals to the connected equipment. Make sure the IR-receiver is placed in such a way that it can receive remote control signals. If the IRreceiver is placed incorrectly, the light emitted by the connected equipment can impede remote control operation of your television.

When you have mounted the IR-receiver as shown on this page, connect it to the IR-IN (mini-jack) socket on your system.



Cleaning

Maintenance Regular maintenance, such as cleaning, is the responsibility of the user.

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. Equipment connected to the side connection panel can be registered in the CONNECTIONS menu.



AV1

Socket group for AV connection of a primary recorder or set-top box. You can also connect other types of extra video equipment.

AV2

Socket group for AV connection of additional video equipment.

AV3

Socket group for AV connection of additional video equipment.

The TV keeps a signal path open between a recorder connected to the AV1 socket and a recordable source connected to the AV3 socket. This allows you to set the source on AV3 to switch on automatically, as well as set a recorder on AV1 for timed recording of the source on AV3, provided your connected equipment supports these functions.

AV4

Socket group for AV connection of additional video equipment.

AV5

Socket group for AV connection of additional video equipment. You can also connect a BeoMaster, a camera or a camcorder.

AV6

Socket group for AV connection of additional video equipment. You can also connect a camera or a camcorder.

CTRL (AV1 – AV6) For IR control signals to external equipment connected to an AV socket.

L-IN, R-IN (AV4 - AV6)

Right and left line input. AV5 and AV6 is for audio connection of, e.g., a camera or camcorder.

VIDEO IN (AV4 – AV6)

For video signal. On AV5 and AV6 you can connect a camera or a camcorder.

Y – Pb – Pr (AV2 – AV3)

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. **SPDIF** (AV1 – AV6) Digital audio input socket, e.g. DVD player.

S VIDEO (AV4, AV6)

For the connection of equipment with Y/C output, e.g., a game console.

HDMI OUT (DISPLAY 1 - 2)

Connect a plasma screen and/or a projector. If you only connect a screen or a projector, connect it to DISPLAY 1, otherwise connect the screen to DISPLAY 1 and the projector to DISPLAY 2. You cannot connect two screens or two projectors at the same time.

HDMI IN (A-D)

For High Definition Multimedia Interface video source or PC. An HDMI socket may be occupied by built-in video equipment. 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.

ANT (1-3)

Aerial input socket DVB T/C (1) from external aerial/cable TV network, DVB-S (2) from satellite dish, external aerial/cable TV network (3) from external aerial/analogue cable TV network.*¹

Useful hints

Power saving Master Link must not be connected if POWER SAVING is set to ON in the STANDBY SETTINGS menu. If POWER SAVING is set to ON and the TV is in standby, the socket MASTERLINK is 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 any AV sockets. See the Guide for further information.
 Mains cord Mains cord 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.

Some sockets on the illustration of the main connection panel may be occupied by internal connections. Do not disconnect the cables from these sockets!

LINK TV

Aerial output for distribution of video signals to other rooms

DTV DATA

For future use.

MASTER LINK

For a compatible Bang & Olufsen audio or video system. The socket is also used for BeoLink distribution of sound and picture throughout the house

CENTRE 1

For connection of a centre speaker, e.g. BeoLab 7. For further information, see the speaker's own quide.

POWER LINK 1–6

For connection of external speakers in a surround sound setup. See the Guide for further information.

1 (SUB)

For connection of up to two Bang & Olufsen subwoofers. A cable splitter for such connections is available from your Bang & Olufsen retailer.

IR IN (9-pin)

For the screen's IR-receiver enabling remote control operation.

MONITOR

For a plasma screen.

CINEMA

For a Home Automation system.

TTL/RS232

Only for use in Hotel setups.

IR IN (mini-jack)

For an extra IR-receiver when the TV is set up with a projector.

IR 1+2

For an external IR-transmitter used with Home cinema setups or an HDMI Expander.

~ – Mains supply

Connection to the mains supply.

VGA

Socket for connection of a High Definition video source or a PC. You can also use this socket for connection of a BeoMaster.

PCMCIA (CA module)

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

SMARTCARD

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



For access to the sockets for temporary connections, press the button (B) on the right side of the system and the door opens automatically. You can close the door manually.

PHONES

- For connection of stereo headphones. > To mute speakers turn the volume wheel quickly counter-clockwise. (Beo4: Press in the middle of
- the $\wedge \vee$ button). > Turn the volume wheel either way to adjust volume in headphones. (Beo4: Press \land or \checkmark).
- > To restore sound in speakers, turn the volume wheel quickly counter-clockwise. (Beo4: Press the middle of the $\wedge \vee$ button).

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

The USB port $(\leftrightarrow \rightarrow)$ is for software updates. Only available if you have the optional DVB module. For further information contact your retailer.

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

Copy-protected If distorted picture quality is observed while viewing copy-protected pay-per programmes view programmes, connect the set-top box directly to the TV. Do not connect through a VCR.

NOTE! Video recorders can only be connected to the AV1 and AV2 socket groups, as these are the only sockets groups for video output. Connect the primary recorder to AV1 and the secondary recorder to AV2.

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	TV	
It takes the TV approx. 20 seconds to start up and become ready for use.	Switch on	
Select settings	≪≜≫ or <≎>	•
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.	Select setting	Accept and go to next menu item
	MENU LANGUAGE	Set the on-screen menu language
	REMOTE CONTROL	Disable or enable the navigation button on your remote $control^{*^2}$
	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.

Information

 TV tuner
 The TUNING menu is only available if the TV tuner is enabled, see the Guide for further information.
 1*N

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

 Power saving
 If you have other equipment connected to your television, set POWER SAVING to OFF. See the Guide for further information.
 instant

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 on-screen instructions.

Calibrate the speakers

AST ON/OFF

Disable or enable Adaptive Sound Technology

Set up the speakers to optimise sound from your listening position. To enjoy Adaptive Sound Technology several speakers and a Beo6 remote control are necessary.

AST ON:	AST OFF:	
SPEAKER SETUP	SPEAKER TYPES	First-time setup of loudspeakers
TV LISTENING PRESET	SPEAKER ROLES	applies only to speakers for TV viewing
CINEMA LISTENING PRESET	SPEAKER DISTANCE	See the Guide for further information.
	SPEAKER LEVEL	
SOUND ADJUSTMENT	SOUND ADJUSTMENT	Adjust volume, bass, treble and
		loudness and preset two default
		speaker combinations.
SOUND SETUP		Make settings for each LISTENING
		PRESET. See the Guide for further
		information.
 STANDRY SETTINGS	Make standby settings for the TV	

Set the TV to switch itself to standby after some time with no operation or switch power saving on or off. See the Guide for further information.

take effect.

Make standby settings

*Navigation button If you have a Beo4 without navigation button or if your Beo4 is not set to the correct mode, you cannot enable the navigation button. See the Beo4 guide or contact your Bang & Olufsen retailer for further information.
 Projector If you have connected a projector and not a screen, you must switch off the television after first-time setup and then switch it on again for your settings to

NOTE! For further information about remote controls and first-time setup, see the Guide.

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.

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.

This product is in conformity with the provisions of the Directives 2004/108/EC and 2006/95/EC.

If the product is equipped with a grounded mains lead and 3-pin plug, the product shall be connected to a mains socket wall outlet with a protective earth connection. The ground pin of the mains plug must not be removed, due to the danger of electric shock. If a wall outlet with protective earth is not available, an electrician should be contacted.

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