

# BeoLab 8002

Guide

**BANG & OLUFSEN**

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

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



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



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

When you have finished setting up the loudspeakers as described on the following pages, connect the entire system to the mains supply. The indicator lights up in red, indicating that the loudspeakers are in standby, ready to be used. The loudspeakers are designed to be left in this standby mode when not in use.

#### Switching on and off – indicator

When you switch on your Bang & Olufsen system, the loudspeakers switch on simultaneously. The red standby indicator light turns green, indicating that the loudspeakers are switched on.

When you switch off your system, or mute the sound, the red indicator light appears immediately, indicating that the loudspeakers are not in use.

If the loudspeakers are connected to a non-Bang & Olufsen system, they switch on when they receive a signal from the system (refer to p. 6). They switch off a few minutes after the signal has disappeared.

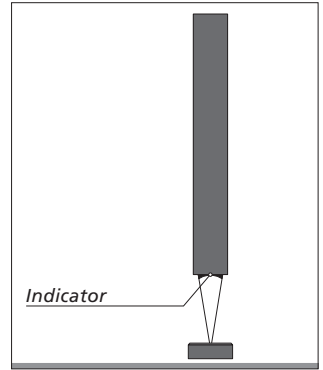
#### Loudspeaker protection

The loudspeakers are equipped with a thermal protection system which prevents overheating. If an error occurs – or the speaker units become overheated – the system automatically switches the loudspeakers to standby, and the indicator light turns orange.

#### To restore the situation:

- > Disconnect the loudspeakers from the mains.
- > Allow the system time to reset (approximately 3–5 minutes).
- > Reconnect the loudspeakers to the mains.

*Should the problem persist, contact your Bang & Olufsen retailer.*



#### Cleaning the loudspeaker

Wipe dust off the surfaces using a dry, soft cloth. If necessary, remove stains or dirt with a soft, damp cloth and a solution of water and mild detergent such as washing-up liquid.

*Never use alcohol or other solvents to clean any part of the loudspeakers!*

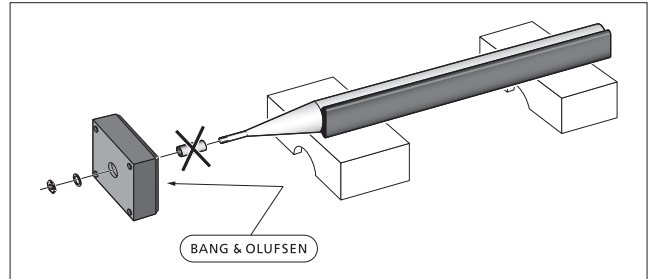
*NOTE! Prolonged listening at high volume levels may cause hearing damages.*

## Set up the loudspeaker

*We recommend that you follow this procedure:*

- Disconnect your system from the mains supply.
- Place the loudspeakers in your setup.
- Set the switches to the correct setting. This is explained in 'Adapt the loudspeakers to your setup' (page 6).
- Connect your speaker system.
- Connect the entire system to the mains again.

If you mount the loudspeaker on a wall bracket, you cannot assemble the base to the loudspeaker.



### Cautions

- Make sure that the loudspeakers are placed and connected in accordance with the instructions in this Guide. To prevent injury, use Bang & Olufsen approved stands and wall brackets only!
- The loudspeakers can only be switched off completely by disconnecting them from the wall socket.
- The loudspeakers are designed for indoor use in dry, domestic environments only, and for use within a temperature range of 10–40° C (50–105° F).
- Remember that all speakers in a setup must be connected to a mains outlet, and that they are designed to be connected to the mains at all times, as this allows them to switch on automatically.
- Do not attempt to open the loudspeaker. Leave such operations to qualified service personnel!

### Column and base

It is easiest to assemble the base and the speaker column if the loudspeaker is placed on the two foam packaging blocks – as shown.

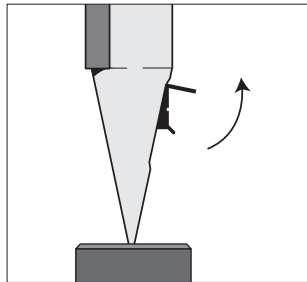
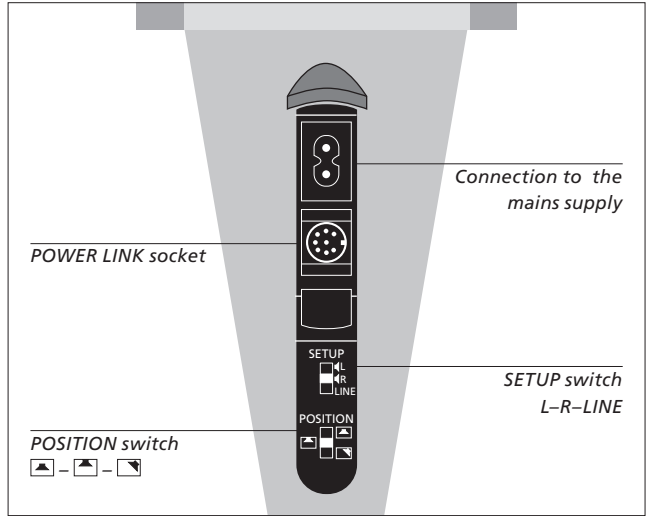
Remove the small plastic cylinder from the threaded end of the loudspeaker, and push the base onto the threaded end. Fasten the base to the column with the washer and nut. Tighten the nut carefully.

**NOTE!** The type number of the loudspeaker appears on the label which is placed on the inside of the socket panel cover.

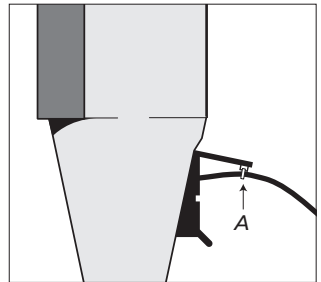
The loudspeakers can be used with Bang & Olufsen audio, video and link systems. They may also be used with non-Bang & Olufsen systems. For specific information about the sockets on your system, refer to the Guide enclosed with the system.

**Mains cord:** *The supplied mains cord and plug are specially designed for the product. If you change the plug or damage the mains cord, you must buy another from your Bang & Olufsen retailer!*

*Place the cable cover around the cables as shown on page 8.*



*Pull the small lid and then lift it up to gain access to the socket panel.*



*For safety reasons you must fasten the mains lead to the black lid using the enclosed cable-tier (A).*

## Adapt the loudspeakers to your setup

The loudspeakers may be placed almost anywhere in your room. However, the most natural sound is obtained if they are set up as explained in this section.



### SETUP switch

This switch has three settings: LEFT, RIGHT and LINE. Set the switch to LEFT or RIGHT when connecting the loudspeakers in a Bang & Olufsen system. Set the switch to LINE when connecting the loudspeakers in a non-Bang & Olufsen system.

#### *...To a Bang & Olufsen system:*

Use Bang & Olufsen Power Link cables to connect the loudspeakers to your system. Set the SETUP switch to LEFT and RIGHT (the left and right sound channel) respectively.

#### *...To a non-Bang & Olufsen system:*

Use a special adaptor with an ordinary phono/RCA plug in one end, and a DIN-plug in the other. Depending on your setup, you may also need to connect an adaptor with phono/RCA and mini jack plugs (optional accessories, available from your Bang & Olufsen retailer). Set the SETUP switch to LINE.

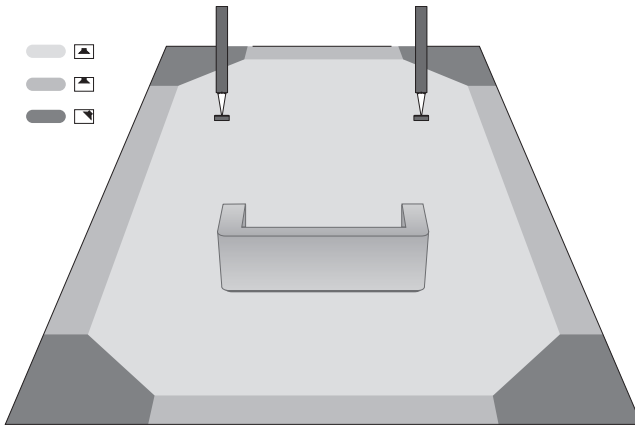


### POSITION switch




When a loudspeaker is placed in a corner or close to a wall, the bass level is boosted compared to the bass level from a loudspeaker placed in a more free-standing position.

To remove this excessive bass boost, set the POSITION switch to ensure that the bass level suits the placement of the loudspeaker. The appropriate switch setting depends on the distance from the loudspeaker to the walls and corners of the room. Use the guidelines on the next page, when deciding which of the three POSITION switch settings to select – on each loudspeaker.

The position zones, shown on the next page, are meant as guidelines – you may, of course, set the switch to any of the three settings you prefer.



**Position zones:** *The three settings (free, wall and corner) correspond to the position zones marked in different shades of grey.*

The POSITION switch has three settings:  free,  wall and  corner.

 **free**

Use this setting if the loudspeaker is placed more than 15 cm (6") from the wall, and no closer to a corner than 50 cm (20") – shown by the large light grey area in the illustration.

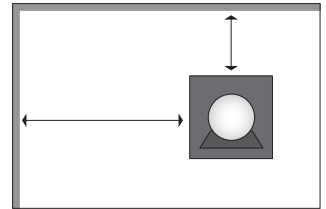
 **wall**

Use this setting if the loudspeaker is placed less than 15 cm (6") from the wall, and no closer to a corner than 50 cm (20") – shown by the grey areas along the walls in the illustration.

If the loudspeaker is mounted on a wall bracket, use this setting.

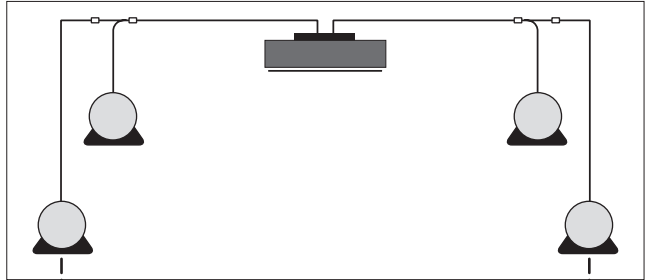
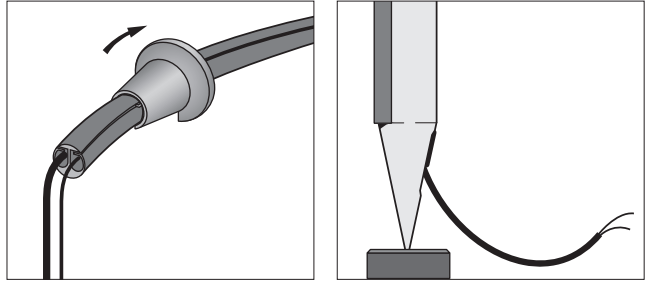
 **corner**

Use this setting if the loudspeaker is placed in a corner – shown by the dark grey areas in the illustration.



**How to measure?** *The distances referred to are measured as shown here (the loudspeaker seen from above).*

**Cable cover:** The rubber tube packed with the loudspeakers is a cable cover specially designed for the loudspeakers. Use the enclosed tool to "zip up" the cable cover when you have placed both the mains cord and the Power Link cable inside it.



The special adaptor, part no. 6270706, can be used to connect additional pairs of loudspeakers to your Bang & Olufsen system. The adaptor is available as an optional accessory from your Bang & Olufsen retailer.



**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.



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

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

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

***For the Canadian market only!***

This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

***For the US-market only!***

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the retailer or an experienced radio/TV technician for help.



