

**BANG & OLUFSEN**

**BEOGRAM CD 50**

# How to use this manual

*This manual explains how to set up  
and operate the **Beogram CD 50** compact disc player.*

- It also explains the meaning of the cues and symbols on the display panel on the front.
- The instructions refer to the controls on the front panel of the Beogram CD 50.

For remote controlled operation, please refer to the Master Control Panel 5500 manual.

Setting up, 5

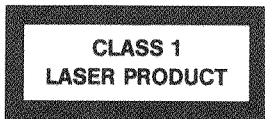
Loading a compact disc, 7

Playing a compact disc, 8

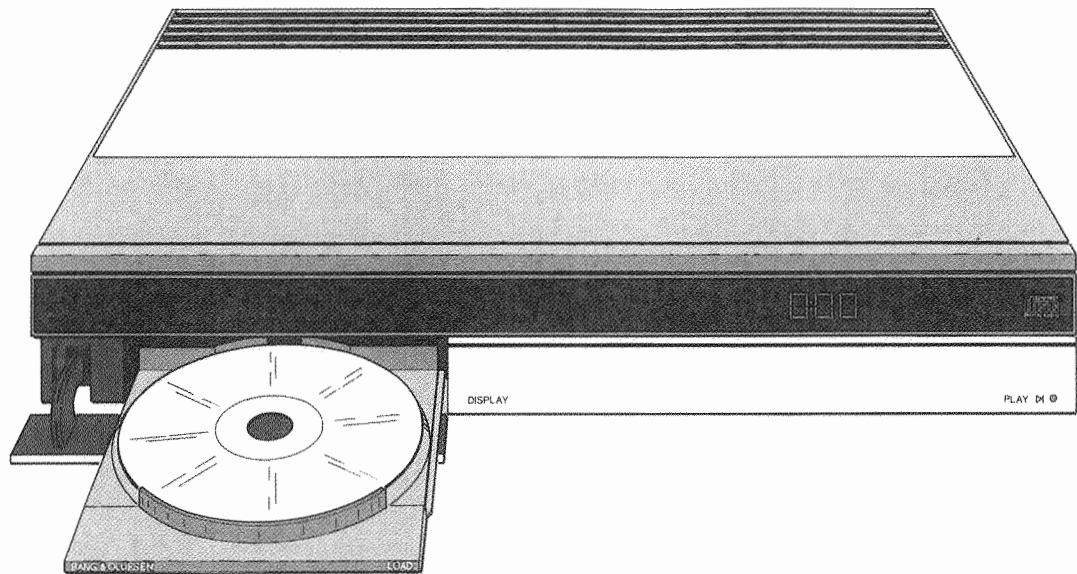
Displayed cues and symbols, 9

Maintenance, 10

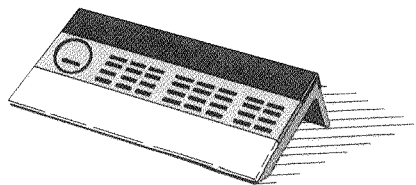
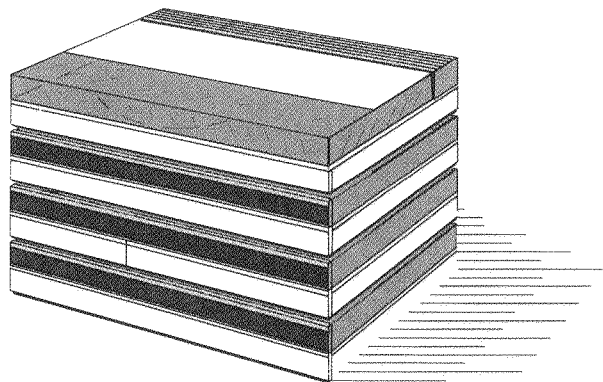
Technical specifications, 11



The black and yellow label on the compact disc player serves as a warning that the apparatus contains a laser system and is classified as a class 1 laser product. In case of any trouble with the compact disc player, please contact your Bang & Olufsen dealer. The apparatus must be opened by qualified servicemen only.



# Beosystem 5500



**T**he Beosystem 5500 is easy and very convenient to use - you can in fact operate the whole system without leaving your chair.

The Master Control Panel 5500 is the key to the system and it communicates with the brain of the system, the Beomaster 5500. Together they form the basis of the system. The other units in the system, the Beocord 5500, the Beogram 5500 and the **Beogram CD50**, are modules with which you can extend your Beosystem 5500 or use in conjunction with other systems, if you like.

# Table of contents

<b>Setting up</b>	5
Adjustment to room temperature	5
Where to put the compact disc player	5
Connection to receiver	6
Stand-by mode	6
<b>Loading a compact disc</b>	7
<b>Playing a compact disc</b>	8
Start playing	8
Stepping through tracks	8
Stop playing	8
<b>Displayed cues and symbols</b>	9
<b>Maintenance</b>	10
<b>Technical specifications</b>	11

# Setting up

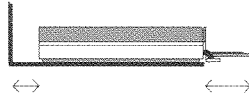
## Adjustment to room temperature

If the compact disc player is exposed to low temperatures, for instance during transport, and is then placed in a warm room, condensation can occur within the mechanism. If this happens, it will not play until the humidity falls to an acceptable level.

Therefore, allow the compact disc player to acclimatise to normal room temperature for at least an hour or two before use.

## Where to put the compact disc player

---



The compact disc player must be placed horizontally on a stable surface. Make sure to put it in a place where ventilation cannot be impeded.

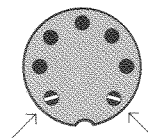
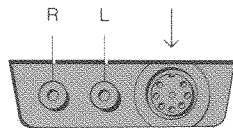
Avoid placing it in direct sunlight or near radiators or other sources of heat.

If your Beogram CD 50 is to be used in conjunction with other units in the Beosystem 5500, you may place them on top of each other, as in a rack system, or next to one another.

Leave a space of approximately 10 cm in front of the compact disc player so that the disc compartment can open freely.



## Connection to receiver



Connect the compact disc player to the Beomaster 5500 using the cable with 7 pin DIN plugs supplied with the compact disc player.

Plug one end into the 7 pin DIN socket on the rear of the compact disc player and the other end into the CD socket on the Beomaster.

For use with another receiver, e.g. one having a 5 pin DIN socket or phono sockets, do as follows:

Unscrew the two extra pins with grooves using a tiny screwdriver and plug the cable into the 5 pin DIN socket on the receiver. If your

receiver has phono sockets, connect an adaptor (Bang & Olufsen part no. 6270316) and plug it into the phono sockets on your receiver.

If connected to a receiver with a 5 pin DIN socket or phono sockets, the Beogram CD 50 must be equipped with an infrared receiver before it can be remote-controlled. The infrared receiver and a remote control, the CD Terminal, are available as optional accessories from your Bang & Olufsen dealer. The infrared receiver must be installed by a qualified technician.

## Stand-by mode

Once connected to the mains supply, the compact disc player is in so-called stand-by mode and ready to be operated. If connected to the Beomaster 5500, it can be remote-controlled by using the Master Control Panel 5500.

The stand-by mode is indicated by a tiny red light on the display panel on the front.

# Loading a compact disc

Gently tap the left-hand side of the front panel where it is marked OPEN to gain access to the disc compartment. Wait for the disc tray to come out.

Place the compact disc on the disc tray with the label facing downwards.

Gently press the right-hand side of the disc tray where it is marked LOAD to close the disc compartment.

If you start playing or if the compact disc player is switched to stand-by, the disc compartment closes automatically.

# Playing a compact disc

## Start playing

Gently tap the right-hand side of the front panel where it is marked PLAY.

The compact disc player will register all the

tracks on the compact disc and playing will begin almost immediately.

## Stepping through tracks

You can step forwards through the tracks by tapping the right-hand side of the front panel

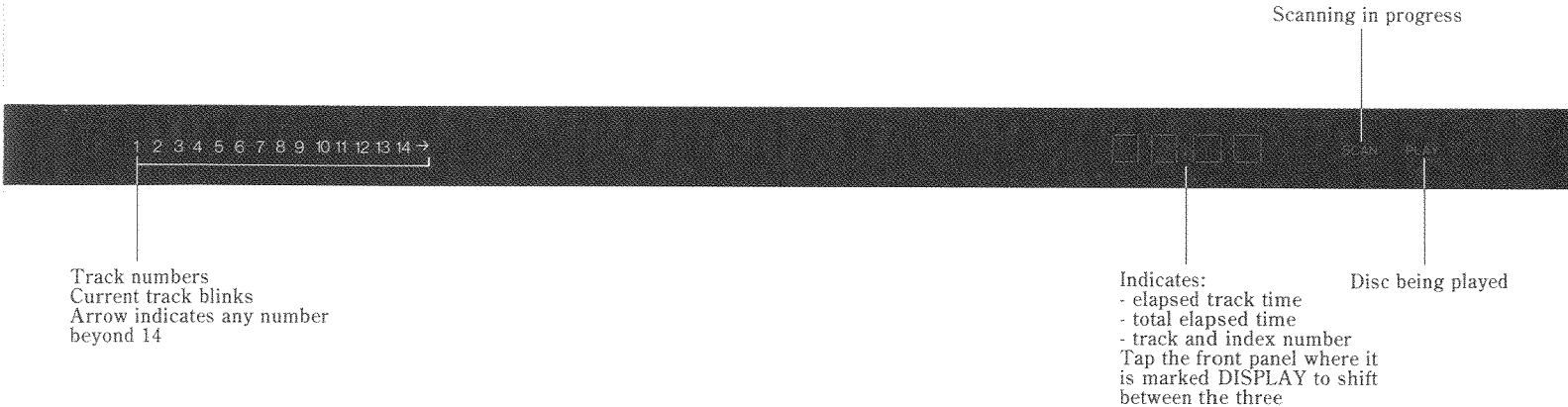
where it is marked ▷ the number of times required to step to the track you want.

## Stop playing

Keep the right-hand side of the front panel depressed for more than 2 seconds. This will stop the compact disc and make the compact disc player revert to stand-by mode. The other units in the Beosystem 5500, if any, will also switch to stand-by mode.

At the end of a compact disc playing stops automatically. The compact disc player then reverts to stand-by mode and within 30 minutes the other units in the Beosystem 5500, if any, will also switch to stand-by mode.

# Displayed cues and symbols



The display on the front of the Beogram CD 50 gives information about the operational status of the compact disc player.

The cues and symbols displayed will not all be visible at the same time.

# Maintenance

Use a dry, soft cloth to wipe dust off the compact disc player.

Any dust in the disc compartment should be carefully removed. Do not push down on the disc tray.

**Do not use denatured alcohol to clean any parts of your compact disc player.**

---

# Technical specifications

<b>Beogram CD 50</b>	
<b>Type no.</b>	<b>5111/5112/5115</b>
Frequency range	4-20,000 Hz $\pm$ 0.3 dB
Signal-to-noise ratio	>95 dB/97 dB A-weighted
Dynamic range	>95 dB
Harmonic distortion	0.003% at 0 dB 0.03% at -20 dB
Channel separation	>94 dB
Channel difference	<0.5 dB
Converter system	16 bit, oversampling 88.2 kHz
Low pass filter	Digital + analog
Damping >20,000 Hz	>60 dB
Phase error	$\pm$ 15 degrees at 20-20,000 Hz
Output	2V RMS at 0 dB
Power supply	5111: 220 V 5112: 240 V 5115: 240 V
Power frequency	50-60 Hz
Power consumption	28 watts
Dimensions W x H x D	42 x 7.5 x 32.5 cm
Weight	8 kg
<b>Subject to change without notice</b>	



This compact disc player fulfils the conditions stated in the EEC directive 82/499 concerning radio frequency interference.

**For the UK market only****IMPORTANT**

The wires in the mains lead supplied with this apparatus are coloured in accordance with the following code:

Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your unit, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Ensure that your equipment is connected correctly. If you are in any doubt, consult a qualified electrician.

**International guarantee**

This Bang & Olufsen product carries a guarantee against defects in workmanship and materials. It is a national guarantee, extended by Bang & Olufsen to the country in which the product was bought. The terms of the guarantee apply principally to the country of purchase but will be met by authorized Bang & Olufsen dealers in other countries. The guarantee period

applying to the country of purchase takes priority over guarantee periods applying in other countries, even where differences exist.

In order to obtain service under this guarantee from a dealer in a country other than that in which the product was bought, the guarantee form must be completed in full and presented to the dealer.

BANG & OLUFSEN  
DK-7600 STRUER  
DENMARK

