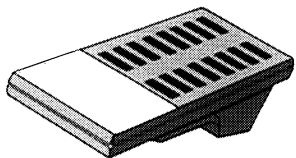
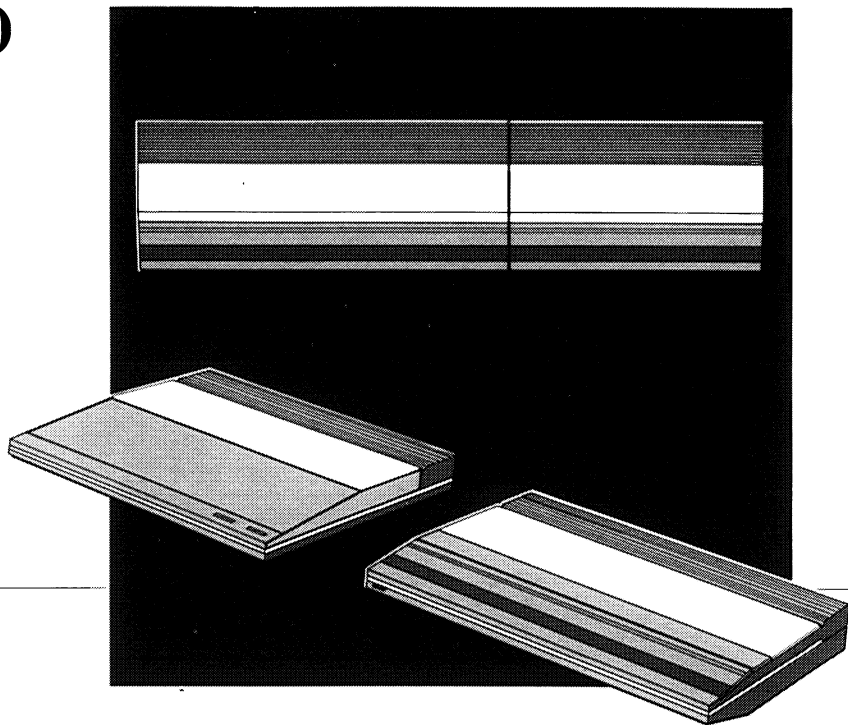


Beosystem 3300



The Beogram CD 3300 is the compact disc player designed for the Beosystem 3300. The other units in the Beosystem 3300 are:

- the Beomaster 3300 tuner/amplifier
- the Terminal 3300 remote control
- the Beocord 3300 tape recorder
- the Beogram 3300 record player

The Beogram CD 3300 is operated by light touches on the panel of frosted glass. The areas to touch are marked by two vertical lines immediately below the appropriate symbol or text.

If connected to the Beomaster 3300, the Beogram CD 3300 can be remote controlled using the Terminal 3300. For details about remote control, please refer to the Beomaster 3300 manual.

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CAUTION: Use of any controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.

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 a qualified technician only.

How to use this manual

- This manual explains how to set up and operate the **Beogram CD 3300** compact disc player.
- The instructions refer to the sensi-touch operation panel. Each touch-area is indicated by a small box with the appropriate text or symbol inside it.

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 of this apparatus may not correspond with the coloured markings identifying the terminals in your plug 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.

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Setting up

Adjustment to room temperature

If the compact disc player has been exposed to low temperatures, e.g. during transport, and is then placed in a warm room, condensation can form within the mechanism. If this happens, it

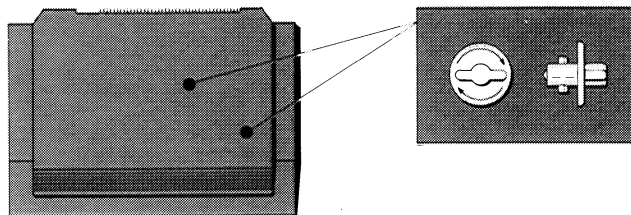
will not play until the humidity falls to an acceptable level, so allow the compact disc player to acclimatize to normal room temperature for at least an hour or two before use.

Removing the transport screws

The Beogram is provided with two screws on the base which protect the disc suspension during transport. These screws must be loosened before you can operate it.

To gain access to the screws carefully turn the Beogram upside down. Remove the screws and keep them in a safe place.

If you ever have to transport the Beogram, we strongly recommend that you reinsert the transport screws.

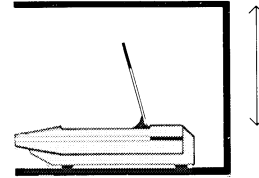


Where to put the compact disc player

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.

Leave a space of approximately 20 cm above the compact disc player so that the dust cover can open freely.



Connection to the Beomaster



Connect the compact disc player to the Beomaster 3300 using the cable with 7-pin DIN plugs attached to the compact disc player. Plug the cable into the CD socket on the Beomaster.

Stand-by mode

Once connected to the mains supply, the compact disc player is in stand-by mode and ready to be operated. The stand-by mode is indicated by a

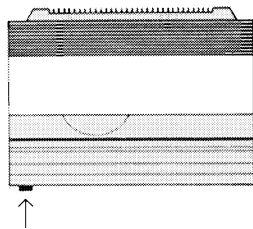
red light on the right-hand side of the operation panel.

Do not forget to remove the plastic film which protected the Beogram against fingerprints and dust before use.

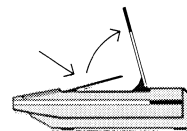
Gaining access to the disc compartment

Press the button marked EJECT to open the dust cover. The disc tray will rise to a tilting position and a light will switch on.

The compact disc must be placed on the tray with the printed side up.



The cover will close when you start playing or if the compact disc player is switched to stand-by. If the compact disc player is left in pause mode for more than 30 minutes, it will switch to stand-by and the cover will close automatically.



Playing a compact disc

Press to start playing the compact disc.

Press to stop playing.

Playing will begin at track 1 as soon as all information in the compact disc has been registered.

The compact disc will pause until you press again to resume playing. You can also stop playing by pressing to switch directly to stand-by.

Special functions

Stepping through tracks

You can step forwards or backwards through the tracks on a compact disc.

Press **[ADVANCE]** the number of times required to step forwards to the track you want.

Press **[RETURN]** once to step backwards to the start of the current track. Press **[RETURN]** twice or more to step backwards to the start of the preceding tracks.

The track number you have stepped to by pressing **[ADVANCE]** or **[RETURN]** will appear immediately on the display.

If you press **[RETURN]** once immediately after loading the compact disc, the compact disc player will play the first track on the disc as indicated by 1.

If you continue pressing **[RETURN]** before all the tracks on the compact disc have been registered, -1, -2, -3, etc., will appear indicating that the last, the second last, the third last, etc., track will be played. When all the tracks have been registered, the correct track number will appear on the display.

Searching through a compact disc

The **[<<]** and **[>>]** controls enable you to move through a compact disc if you want to find a specific point on the disc.

Keep your finger on **[<<]** or **[>>]**. Within a few seconds the search speed will accelerate. Lift

your finger to stop searching. If you want to move in increments of one second only, press **[<<]** or **[>>]** repeatedly.

Press **[▶]** to start playing.

Repeating a compact disc

You can instruct the compact disc player to repeat a compact disc up to four times.

If you press \square another time while playing a compact disc, 0 (zero) will be displayed, indicating that the compact disc will not be repeated.

Press \square immediately again. 1 will now be displayed indicating that the compact disc will be repeated once. If you want the compact disc to be repeated more than once, press \square repeatedly until the appropriate figure appears.

If playing is stopped, any repeat instructions will be cancelled.

Prolonging the pauses between tracks

You can instruct the compact disc player to prolong the pauses between the tracks on a compact disc. Doing so ensures that all the tracks will be played with spaces of at least 4 seconds between them.

Press \square to activate this function. This is confirmed by a tiny yellow light next to \square . Press \square again to switch off the space function. The yellow light will disappear.

This function is useful for instance when you are recording a disc on the Beocord 3300 tape recorder*. If tapes are recorded with such pauses between the tracks, you can benefit from the automatic track search function in the Beocord 3300.

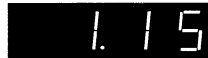
* **Subject to copyright law**

Using the display

The display will give you information about where you are on the disc. It can be set to give three different types of information:



- track and index number of the current track, e.g. 3 . 1 for track number 3, index 1.



- elapsed track time, e.g. 1.15 indicating that the current track has been playing for 1 minute and 15 seconds.



- remaining time, always indicated by four digits, e.g. 05.25 meaning that there are 5 minutes and 25 seconds of playing time left on the disc.

Press **[DISPLAY]** to see each set of information.

The display can give you information about the total number of tracks and the total playing time of a compact disc, **before** you start playing it.

After placing the compact disc on the tray press **[STOP]**. Keep your finger on **[STOP]** for about 2 seconds. The compact disc will start rotating and the display will give you the total number of tracks and the total playing time.

Press **[DISPLAY]** to see each set of information.



The symbol ? will appear if the compact disc player cannot understand your instructions or cannot carry them out.

Maintenance

Use a dry, soft cloth to wipe dust off the Beogram. Window cleaner on a dry cloth will remove any fingerprints and grease stains. Any dust in the disc compartment should be carefully removed. Do not push down on the disc tray.

Never use denatured alcohol to clean any parts of the Beogram.

Technical specifications

Beogram CD 3300	
Type no.	5141/5142/5145
Frequency range	3-20,000 Hz \pm 0.3 dB
Signal-to-noise ratio	>96 dB/100 dB A-weighted
Dynamic range	>96 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, 4 x oversampling 176.4 kHz
Low pass filter	Digital + Bessel analog
Damping above 20,000 Hz	>50 dB
Phase error between L and R	0 degree at 20-20,000 Hz
Output	2 V RMS at 0 dB
Power supply	5141: 220 V 5142: 240 V 5145: 240 V
Power frequency	50-60 Hz
Power consumption	30 watts
Dimensions WxHxD	42 x 7.5 x 31 cm / 16 $\frac{1}{2}$ " x 3" x 12 $\frac{1}{4}$ "
Weight	4.9 kg / 10.8 lbs
Subject to change without notice	

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

COMPACT
disc
DIGITAL AUDIO

International guarantee

This Bang & Olufsen product carries a guarantee against defects in workmanship and materials. It is a national guarantee, extended by Bang & Olufsen in 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.

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
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DENMARK