Beogram 3300

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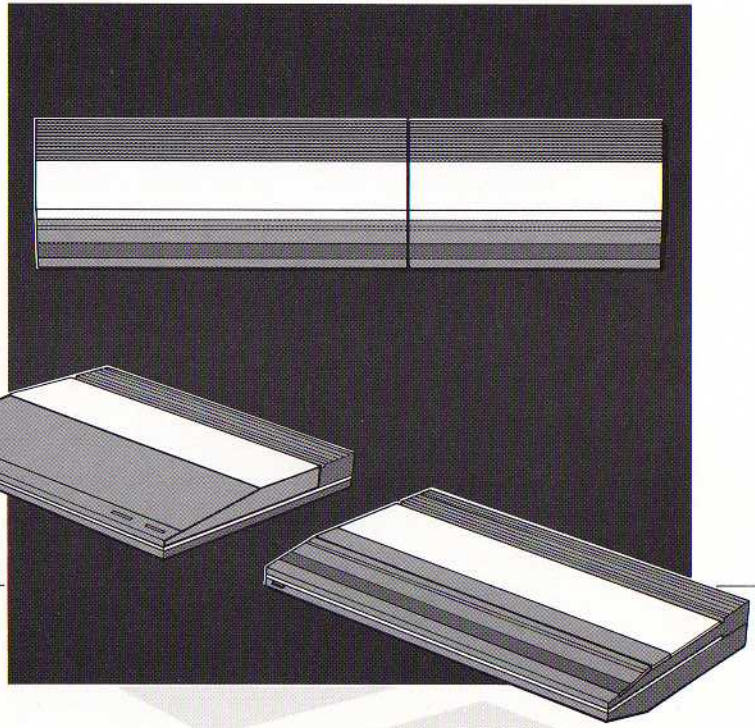
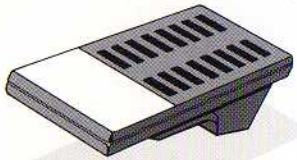
Bang & Olufsen

Beosystem 3300





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The **Beogram 3300** *is the record 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 CD 3300 compact disc player*

The controls on the Beogram 3300 are in the form of "rocker" buttons. The graphics immediately above the buttons indicate which end to press to carry out the corresponding function.

If connected to the Beomaster 3300, the Beogram 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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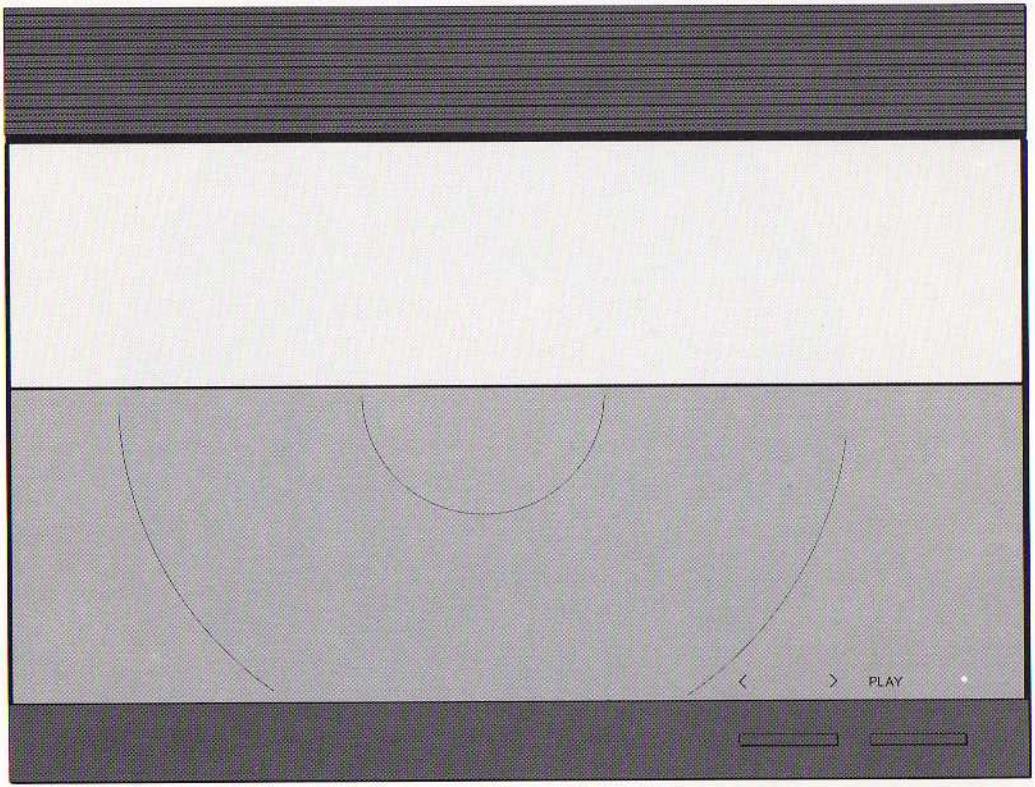

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Setting up, *4*

Playing a record, *7*

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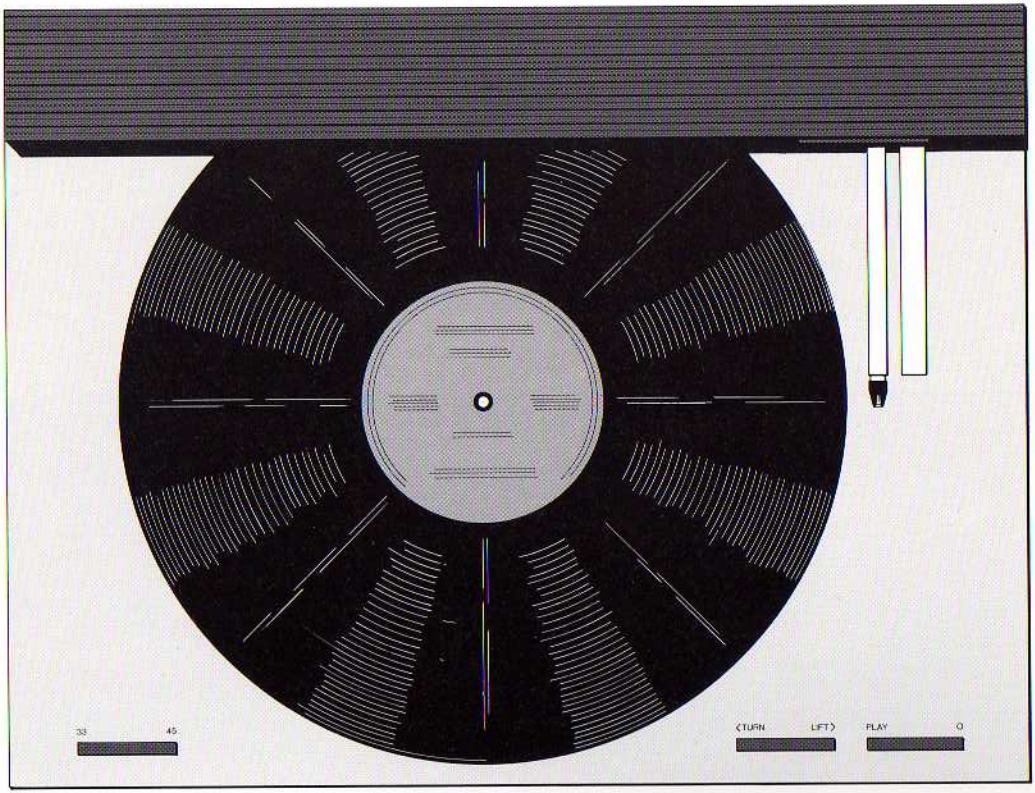

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How to use this manual

- This manual explains how to set up and operate the **Beogram 3300 record player.**
- The instructions refer to the buttons under the dust cover. Each function 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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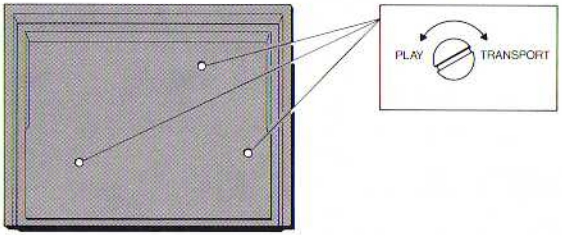
Setting up

Loosening the transport screws



Before using the record player you must loosen the three transport screws underneath it.

Place the record player on a table, with its front protruding over the edge of the table. Hold the record player firmly and turn it carefully until you have located and loosened each screw. The screws cannot be removed from the holes but should be turned several times using a screw-driver or a coin.

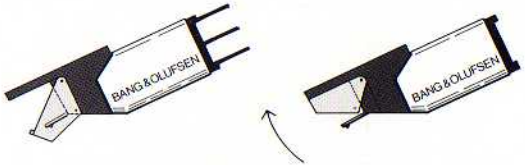
If you ever have to move the record player again, we strongly recommend that you retighten the three transport screws.

Making the record player ready for play

When removing the foam rubber pieces protecting the tonearm, be careful not to touch the stylus.

Place the turntable platter on the turntable platform.

Check that the turntable can move freely with a kind of springy movement.



Raise the stylus guard on the cartridge.

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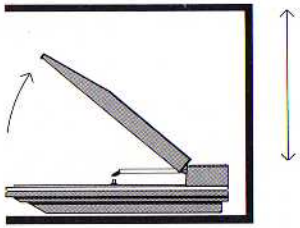
Where to put the record player

The record player must be placed horizontally on a stable surface. Allow a space of at least 25 cm above the record player so that the dust cover can open freely. Avoid placing it in direct sunlight or near radiators or other sources of heat.



Connection to the Beomaster

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

Stand-by mode

Once connected to the mains supply, the record player is in so-called stand-by mode and ready to be operated.

At the end of a record, playing stops automatically and the record player reverts to stand-by mode.

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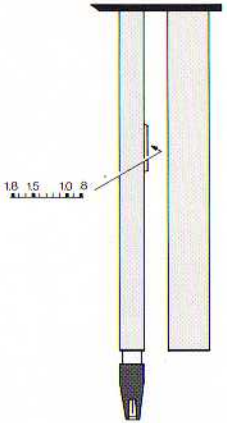
Adjusting stylus pressure

The stylus pressure must be adjusted to match the type of Bang & Olufsen MMC cartridge mounted on the tonearm.



Set the slider on the right-hand side of the tonearm to the appropriate value:

MMC 1 = 1.0 gram
MMC 2 = 1.0 gram
MMC 3 = 1.2 grams
MMC 4 = 1.2 grams
MMC 5 = 1.5 grams

If you keep your finger on LIFT> for more than two seconds, the tonearm will lower onto the aluminium top plate. This enables you to check the stylus pressure using a special gauge, placed underneath the stylus.

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Playing a record

Start playing

Place the record on the turntable.

Press [<TURN] if you want to make the turntable rotate in order to clean the record. The tonearm will then move towards the lead-in groove of the record and be hovering there while the turntable is rotating.

Press [PLAY] to start playing.

If there is no record on the turntable, the turntable will only rotate a few times, and the tonearm will not leave its resting position.

Setting speed

The record player automatically registers the size of the record and determines the speed accordingly (33 or 45 rpm). This appears on the indicator arm parallel to the tonearm.

However, you may have to set the speed manually, if for instance your record is one of LP size but requiring 45 rpm. To do so, start playing by pressing [PLAY] and then press [45] (or [33] as the case may be). You can change the speed any time during play, if you like.

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Pausing

Press [LIFT>] to lift the tonearm off the record. The turntable will continue rotating and the tonearm will hover above the groove from which it was lifted.

Press [PLAY] to lower the tonearm and continue playing.

If you don't resume playing within approximately 8 minutes of lifting the tonearm, the record player will automatically revert to stand-by mode.

Stepping through the record

Without stopping the record and without touching the tonearm, you can move the tonearm to any position on the record you like and resume playing from there.

Press [<TURN] to move the tonearm towards the centre of the record, and press [LIFT>] to move the tonearm towards the edge of the record.

Keep [<TURN] or [LIFT>] depressed until you find the spot where you want playing to be resumed. Release the button and press [PLAY] to resume playing.

During this procedure a tiny beam of light will illuminate the record to help you find the right spot.

Stop playing

Press [O] to stop playing the record.

The tonearm will lift off the record and automatically revert to its resting position. Then the record player will switch to stand-by mode.

If you keep [O] depressed for more than 2 seconds, the other units in the Beosystem 3300, if any, will also switch to stand-by mode.

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Repeating a record

You can, if you like, make the record player play a record up to 7 times in a row.

Press [PLAY] once to start playing. Then press [PLAY] again the number of times you want the record to be repeated.

If a record is going to be repeated, the speed indicator will blink.

If you use [<TURN], [LIFT>] or [O], the repeat function will be cancelled.

Operating the record player with the dust cover closed

The buttons on the dust cover give access to the same functions as their counterparts underneath the dust cover.

The graphics on the dust cover indicate which function they give access to:

[<] : lifting the tonearm and moving it towards the center of the record

[>] : lifting the tonearm and moving it towards the edge of the record

[PLAY] : starting playing

[O] : stopping playing

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Maintenance

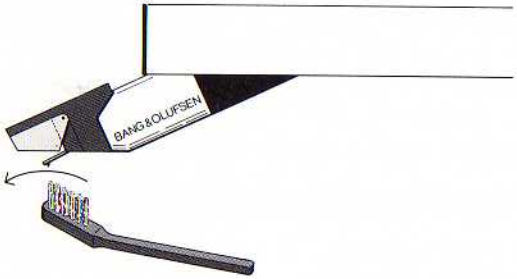
Stylus

Fluff and dust can build up on the tip of the stylus and cause distortion during play. Therefore, clean the stylus every now and then using the tiny brush provided.

Carefully brush the stylus only from the back of the cartridge towards the front.

Any stylus cleaning fluid should be used in moderate amounts.

Reducing the amount of dirt and dust on the record to a minimum is of course the best way to keep the stylus clean and thus to ensure optimum performance. For this purpose we recommend you use the Bang & Olufsen LP Protector record maintenance kit. The Bang & Olufsen LP Protector is available from your Bang & Olufsen dealer.



Surfaces

Wipe off dust with a soft, dry cloth. Use window cleaner to remove grease stains.

Be careful not to touch the cartridge and the stylus.

Never use denatured alcohol to clean any parts of the record player.

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Technical specifications

Beogram 3300	
Type no.	**5931/5935**
Tonearm	Tangential Optimum Pivot Point
Motor	Servo-controlled DC
Wow and flutter, DIN	<0.06%
Wow and flutter, WRMS	<0.03%
Rumble DIN weighted	>80 dB
Rumble DIN unweighted	>55 dB
Speeds	33-45 rpm.
Speed deviation	<±0.2%
Power supply	190-265 V
Power frequency	50-60 Hz
Power consumption	<10 watts
Dimensions W x H x D	42 x 7.5 x 32.5 cm / 16½" x 3" x 12¾"
Weight	5.3 kg / 11.7 lbs
MMC 4 cartridge	
Recommended tracking force	12 mN/1.2 grams
Frequency range	20-20,000 Hz ±2.5 dB
Channel separation:	
1000 Hz	>22 dB
50-15,000 Hz	>17 dB
Channel difference	<2 dB
Stylus	Elliptical diamond 6 x 17 µm
Cantilever	Tapered aluminium tube
Effective tip mass	0.4 mg
Compliance	25 um/mN
Sensitivity mV/cm/s RMS	>0.6 mV
Output 5 cm lateral RMS	>2.12 mV
Cartridge weight	1.6 gram
Subject to change without notice	

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

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 that 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

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