



WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.



This symbol indicates that a dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

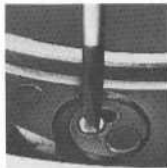
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Setting up

Great efforts are made to protect the record player against damage under transport. Retain the original packing material for future transport of the record player.



Transport protection

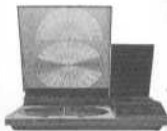
Under transport, the interior chassis is locked-fast with these three securing screws.

Loosen the large screws by rotating counter clockwise, 2-3 times.

Push the securing plate aside so that the screw head can descend through the hole when the screw is rotated clockwise. Rotate the screw until flush.

Record turntable

Place the turntable onto the turntable base.



Clearance room

A minimum free-height clearance of 42 cm is needed to allow full opening of the dust cover. Needed depth clearance is 38 cm; width-dimension is 50 cm.

Power mains

Beogram TX, type 5653 is designed for operation on 120 Volts, 60 Hz. It will operate on voltages between 90 and 130 volts.

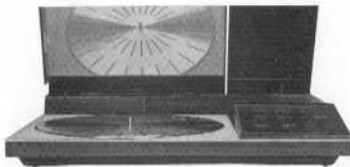
Connecting to radio or amplifier

The Beogram TX has a cable fitted with two phono plugs: Gray for left channel, Black for right channel. Connect the separate lead to the earth screw on the amplifier.

Mounting the pickup

A MMC cartridge - MMC 1 to MMC 5 - can be mounted directly on the tonearm fitting. Flip up the stylus guard.





Operate

Place a record onto the turntable and press [PLAY].

For special record types, do the following:
17 cm, 33 r/min: press [PLAY] and [33].
30 cm, 45 r/min: press [PLAY] and [45].

Stop

To stop a record before completion, press [STOP].

Moving to another track

When playing a record you can move the tonearm to another track or music passage with [OK], moves the arm rapidly inwards.

[<], moves the arm rapidly outwards.

[C], moves the arm slowly inwards.

[>], moves the arm slowly outwards.

When you've found the place you want, press [PLAY].



Pause

The pause function enables you to interrupt playback, and later resume playback from the same place.

Press [PAUSE]. The tonearm lifts off the record and remains in position.

Resume playback, press [PLAY]. To cancel the pause function, press [STOP].

Speed

The Beogram TX automatically selects the correct speed, 33 or 45 rpm. Manual switching is with buttons [33] and [45].



Automatic stylus cleaning action

Each time the pickup arm moves to and from the stop position, the stylus is wiped against a fixed-emplaced cleaning brush.

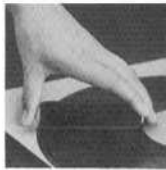
Centering adaptor

For records with large center holes, place the centering adaptor onto the record axle before placing the record.

Care of discs

In designing the Beogram every effort has been made to ensure that your records can be played a large number of times with no deterioration of sound quality.

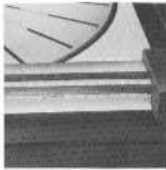
However, there is something you can do yourself; for example, you can minimize wear by avoiding dust particles and finger prints on your records.



We assume that you keep your discs in their jackets or albums. It is not immaterial how you take out a disc because the friction against the inner side of the jacket is enough to give the disc a static charge so it will attract dust.

Hold the disc jacket so that its sides bend away from the disc. Put your hand in below the disc so that the middle finger touches the centre hole and the thumb grips the rim of the disc, and without touching the grooves of the disc. Pull the disc out of its jacket in such a manner that the jacket only touches the rim of the disc, not the actual surfaces.

Only hold the rim of the disc when putting it on the turntable:



Keep the dust cover of your Beogram closed while playing the disc.

Put the disc back in its jacket in the same careful manner, avoiding friction between the sides of the disc and the jacket. By doing so you help to reduce the need for antistatic wiping of your discs.

Should this become necessary, proceed as follows:

Wiping records

Press [TWIN] down; the turntable revolves without causing the pickup arm to coast in.

Stylus pressure

Adjustment of stylus pressure is accomplished with the slider-button found on the side of the pickup arm.

Maintenance

Metal surfaces

The chassis deck and turntable can usually be kept clean with a dry cloth.

Be careful not to damage the stylus. Put the stylus guard in place before wiping the metal surfaces clean of dust, and before moving or transporting your record player.

Any grease stains on the metal surfaces can be removed with a soft cloth moistened in a cold or lukewarm solution of detergent in water.

Thereafter wipe thoroughly with a dry cloth.

Dust cover

Ajax Window Cleaner is recommended for cleaning the transparent dust cover.

Do not use oil as it may dissolve the material.

Guarantee

In other countries where Bang & Olufsen products are officially marketed any authorized Bang & Olufsen dealer will repair any defect or malfunction in the product free of charge providing that:

The product is -in warranty- under the terms of duration stated in the Limited Warranty. The defect or malfunctions was not caused by damage while in possession of the consumer due to incorrect installation, misadjustment, misuse, negligence or servicing by the consumer, or by a failure on the part of the consumer to provide reasonable and necessary maintenance. In order to obtain -in warranty- service outside the US, it is essential to obtain a **verification of purchase** from Bang & Olufsen of America, Inc. If you wish to receive a **verification of purchase** please mail your request to:

International Guarantee
Department
Bang & Olufsen of America, Inc.
1150 Feshanville Drive,
Mt. Prospect
Illinois 60056

Your request must be accompanied by your sales receipt, which must contain product sales designation and type, serial number and purchase date.

TECHNICAL DATA	BEOGRAM TX
Type No.	5653
Wow and flutter, DIN	< ± 0.02%
Wow and flutter, WRMS	< ± 0.035%
Rumble DIN weighted	> 70 dB
Rumble DIN unweighted	> 45 dB
Spools	33-45 rpm
Speed deviation	< ± 0.2%
Tangential tracking	< 0.04°
Power supply	120 volts
Power frequency	60 Hz
Power consumption	15 watts
Dimensions W x H x D	19 x 3½ x 15 in.
Weight	20 lbs.

Subject to change without notice