

LP 1 2
OWNERS
MANUAL

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 dealer or an experienced radio/TV technician for help.

INTRODUCTION



TRANSPORTATION



PACKING DIAGRAM



OPERATION



INSTALLATION



MAINTENANCE



GENERAL



GUARANTEE



SERVICE



OVERSEAS



INTRODUCTION Linn Products have always stated that the turntable is the most important part of a high fidelity system. If you don't get a good signal off the record then it doesn't matter how good the rest of your system is, the sound will be bad.

It is important that you were given a fair A/B demonstration of the LP12 against other turntables prior to purchase. The turntables compared should have had the same arm and cartridge. All comparisons should take place in a single speaker demonstration room. We want our customers to hear the difference the LP12 makes for themselves and make their own informed decision.

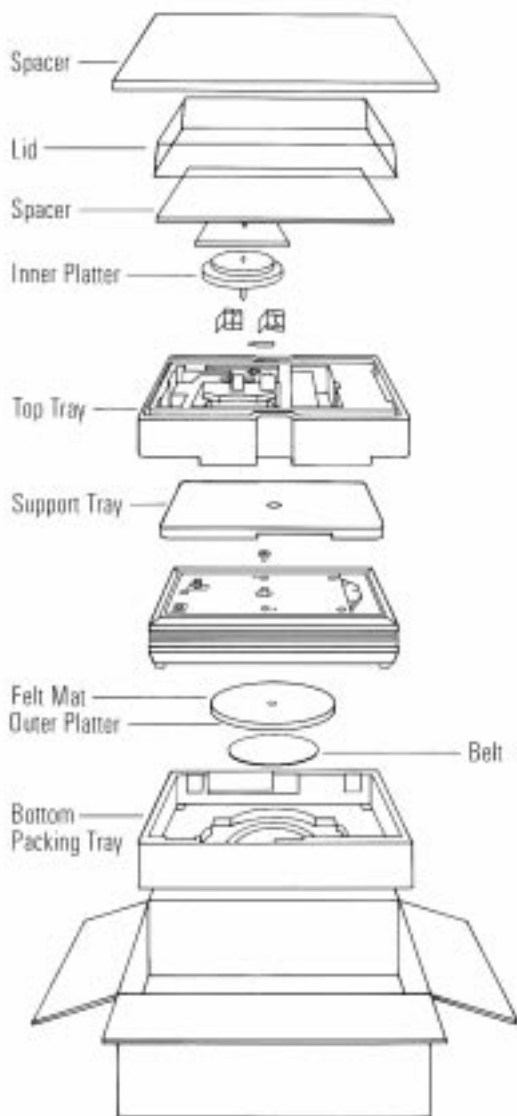
When upgrading your system there is a strict hierarchy to observe. After the turntable, the next most important component is the arm, followed by the cartridge. Once the turntable system has been optimised, the next component to choose is the amplifier. Finally, the last link in the chain is the loudspeaker.

The information in this manual is of a general nature. It does not cover the setting up of the turntable, as this is the responsibility of your retailer.

T **TRANSPORTATION** If installation by the retailer is impossible, the deck may be taken by the customer. In this case, the outer platter must be removed and placed in the bottom packing tray and the inner platter removed and placed in the top tray. The counterweight should be removed from the arm.

The deck should be pre-packed in it's original packing[†], with the arm and cartridge removed, when it has to be shipped anywhere. Under no circumstances should the deck be shipped with the arm fitted to the turntable. The red bearing cap should be fitted to prevent oil spillage - see diagram of the packing assembly.

[†] Note: When re-packing the turntable, remove the two bottom cover screws, which are located between the turntable feet. If these screws are left in position during shipping, they will damage the rim of the platter.



O PERATION The switch on the LP12 provides a trigger to the electronics to start or stop the motor. It does not break any mains connection. Power remains on the circuit board all the time, though static power consumption is very low.

After connection the circuitry should be given a few seconds to settle before switching the motor on.

To prevent electric shock, never remove the bottom cover from the turntable whilst it is connected to the mains.

The LP12 was designed to give optimum performance at 33 rpm. However a 45 rpm adaptor is available for occasional use.



INSTALLATION

In most cases, installation of the LP12 will be completed by the retailer, but the following points should be noted:-

FLOOR MOUNTING. Place the deck on a small, light, rigid table, e.g., small coffee table. Ensure that the table is sitting level on the floor and not rocking.

WALL MOUNTING. Wall mounting may be preferable where a highly sprung floor exists or where there is risk of damage by children. The shelf used should be light and rigid, and it should be fully supported by, but not firmly screwed or glued to its brackets.

To allow the lid to open fully, a clearance of 3" (7.5cm) is required behind the plinth and at least 13" (33cm) above.

It is quite normal for the deck suspension to settle slightly after installation. This will not affect performance.

T URNTABLE MAINTENANCE The LP12 is designed for a long operational life.

To preserve the appearance and maintain the performance of your deck, you should note the following points:-

PLINTH. The plinth is constructed from solid kiln-dried hardwood and should not therefore be subjected to extremes of temperature or direct sunlight. Some finishes will darken slightly with age. A damp cloth is ideal for cleaning dust or stains from the plinth; polish, particularly wax based, can be hard to remove from the grooves.

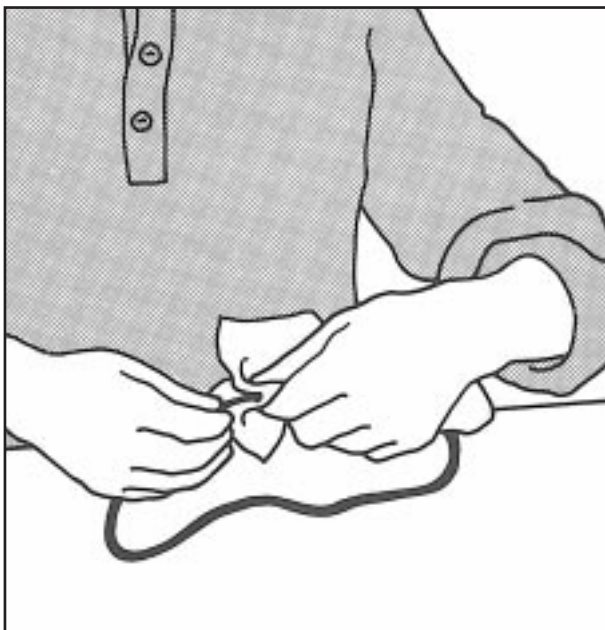
PLATTER. The platter will darken with age, since the alloy is slightly photo-sensitive. Resist the temptation to repolish the rim, as this removes the protective lacquer and results in a rapid degradation of the finish. Clean only with a dry soft cloth.

MAT. The felt mat can be cleaned with masking tape. If the mat becomes really dusty, you can beat it like a carpet or rug. If you have a problem with static and the mat clings to your records, you can use some double-sided tape to secure it.

MOTOR. The motor pulley should be cleaned periodically to remove deposits of rubber shed by the belt. Remove the outer platter and belt, and gently apply a damp cloth (impregnated with isopropyl alcohol or meths if possible) against the rotating motor pulley until clean.

STAINLESS STEEL TOP PLATE. This is best cleaned with a damp cloth.

ARMBOARD. This can be cleaned with a light duster or slightly damp tissue - make sure the stylus guard is in place before you start.



BELT. The belt should last for at least five years of regular use. The belt can be cleaned at the same time as the pulley is cleaned. The best method of cleaning a belt is by pulling it through a damp cloth.

OIL. The oil supplied for the bearing provides life-long protection. If oil is lost from the bearing housing, it should be replaced by factory-supplied oil (available from your dealer). The turntable should never be operated without oil.

DUST COVER. This can be cleaned using any of the commercially available acrylic or plastic cleaners. The simplest approach is to remove any dust with a damp tissue without any rubbing action and then use a soft duster. Covers are more often damaged in cleaning than in use.

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GENERAL SYSTEM INSTALLATION

1 | It is important that the stylus is kept scrupulously clean. The traditional soft stylus brush is completely useless. We have found dry vibrating pad cleaners to be effective devices.



2 | Correct tracking weight and bias: every arm and cartridge combination has an optimum tracking weight. This is easily set by ear. Increments of 0.1g can produce significant differences. Test records are of no use in establishing this. Temperature can alter this value, which will be lower in hot weather and higher in cold. **3** | It is important that the electrical contacts in a hi-fi system be kept mechanically sound and clean. A poor contact, especially at the first connection in the system between the cartridge and arm will degrade the signal substantially. Checks on all contacts should be performed periodically. **4** | The correct cables should be used. We recommend good quality copper leads for interconnect cables and advise 20amp. speaker cables for all amplifier/speaker connection. **5** | The speakers should be positioned correctly (Linn speakers are designed to be placed close to the wall) and they should be mounted on rigid stands which are sitting very firmly on the floor and should not be subject to any rocking movement! **6** | You should only have one pair of loudspeakers in the room. Any other transducer will unacceptably colour the sound. The speaker in your TV set or even a telephone will have a detrimental effect on sound quality. **7** | Most record cleaning devices do more harm than good. We feel the best method of cleaning records is to let the stylus remove any dirt which may be in the groove, then clean the stylus.

A red square containing a white, bold, sans-serif letter 'G'.

GUARANTEE AND SERVICE

The unit is guaranteed under the conditions which apply in the country of purchase. In addition to any statutory rights the customer may have, we undertake to replace any parts which have failed due to faulty manufacture.

Keep a copy of the sales receipt as this will establish the purchase date of the turntable. Refer all enquiries to authorised dealers only.

For information on your nearest dealer, contact the Linn Factory in the UK or an overseas distributor.

STAINLESS STEEL
TOP PLATE

SWITCH

FLEXIBLE CIRCUIT
BOARD CONNECTOR

SUB-CHASSIS

MOTOR

ROTOR
SUPPORT CAP

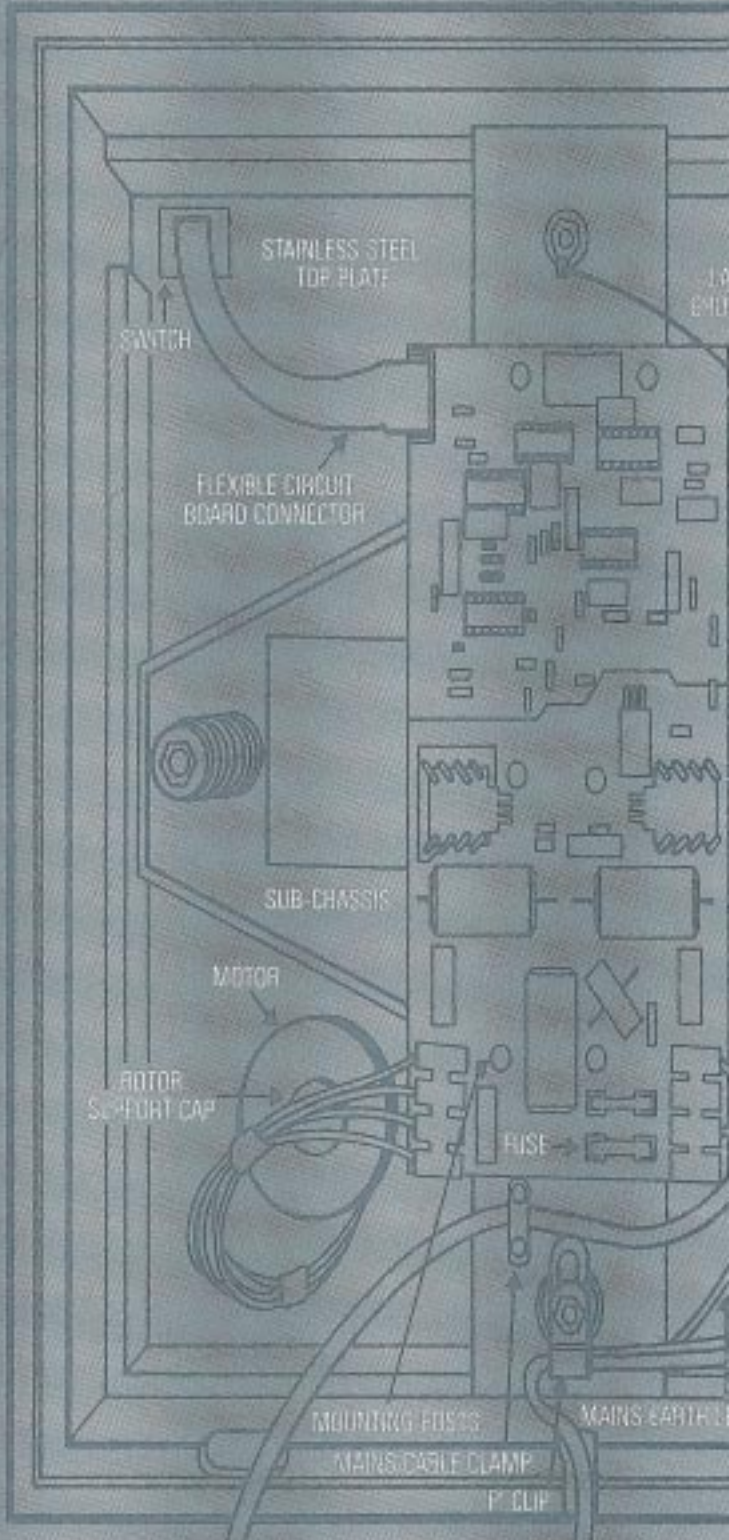
FUSE

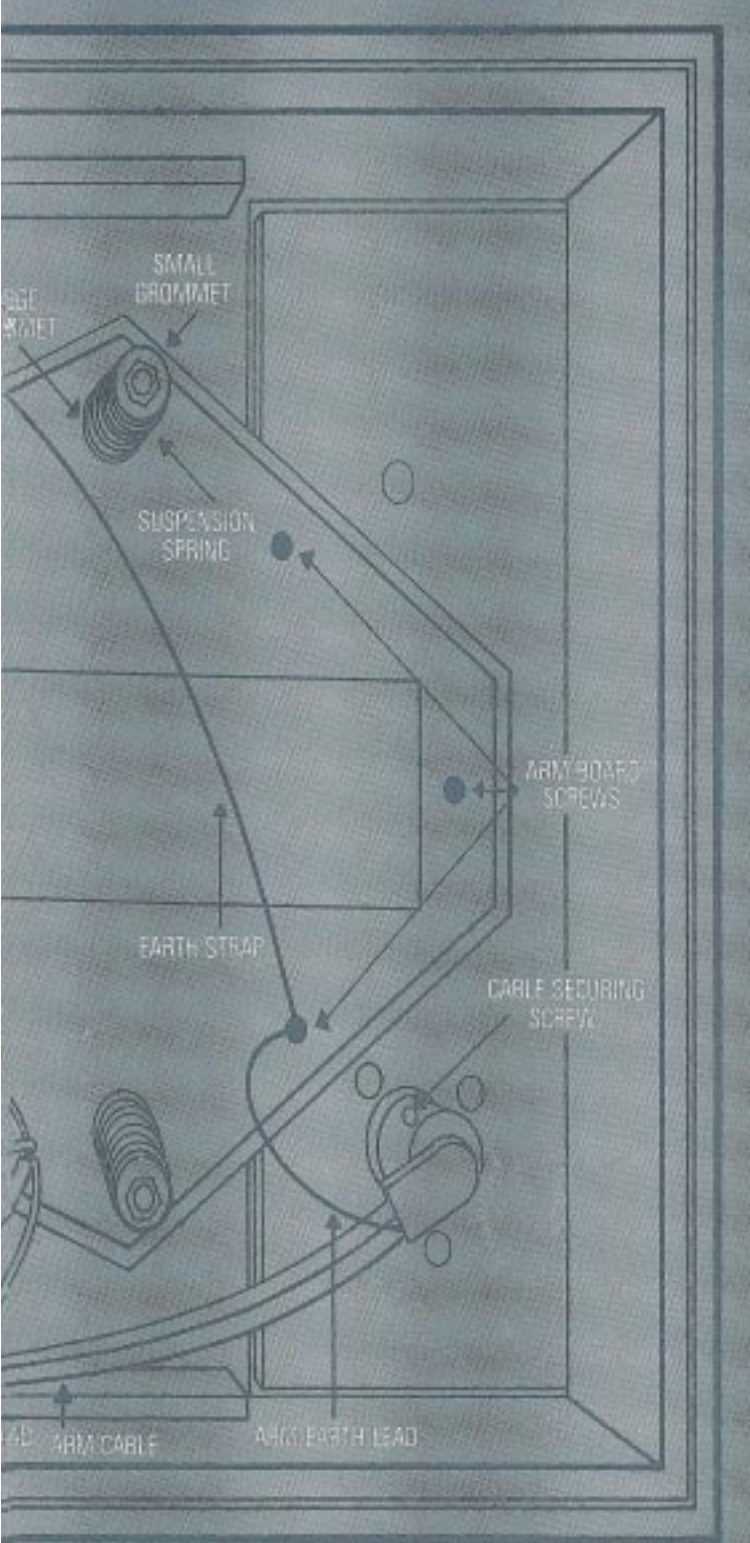
MOUNTING POSTS

MAINS CABLE CLAMP

P CLIP

MAINS EARTH







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