



LINN DIRAK
O W N E R S M A N U A L

MUSIC is very important for people. It stimulates the imagination, helps them relax, can change their mood, and of course provides entertainment and pleasure.

A good hi-fi works well enough to deliver these benefits. It also helps you appreciate music you never thought you would.

At Linn we devote our energy to improving standards of music reproduction, because we know that the better the sound the more you'll enjoy music at home.

The addition of any Linn component will improve the sound quality of your system. Linn has a policy of continuously improving its equipment allowing customers to retro-fit most product upgrades.

INTRODUCTION The Linn DIRAK Power Supply when used with the LK1 pre-amplifier or AKTIV ISOBARIK CROSSOVER enhances amplifier performance and therefore your enjoyment of the music from your hi-fi.

The DIRAK increases the isolation of the LK1 and AKTIV from the mains supply. It uses a high frequency filter on the incoming mains, a large transformer, very large reservoir capacitance and output voltage regulators. This is all contained in the DIRAK case thus preventing any electromagnetic interference from the power supply reaching the audio circuitry of the LK1 or AKTIV. With the DIRAK, the LK1 or AKTIV will even tolerate short complete interruptions of the mains supply with no audible effect.



Like all electronic products the DIRAK will perform at its best when used with the highest quality source. The better the performance from your turntable, tuner or CD player the better the sound you will hear from the other components in the system.

INSTALLATION Unpack the DIRAK, retaining the packing for future transportation.

CONTENTS

DIRAK Power Supply Unit
DIRAK Interconnect Kit
Mains Lead
Owner Manual and Registration Card
2 x 2 amp fuse
2 x 1 amp fuse

WARNING Use the earthed moulded mains lead supplied. Never use an unearthed plug or adapter.

WARNING
THIS APPLIANCE MUST BE EARTHED

IMPORTANT – The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

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

The wire coloured green-and-yellow must be connected to the terminal in the plug, which is marked with the letter E or by the earth symbol or coloured green or green-and-yellow.

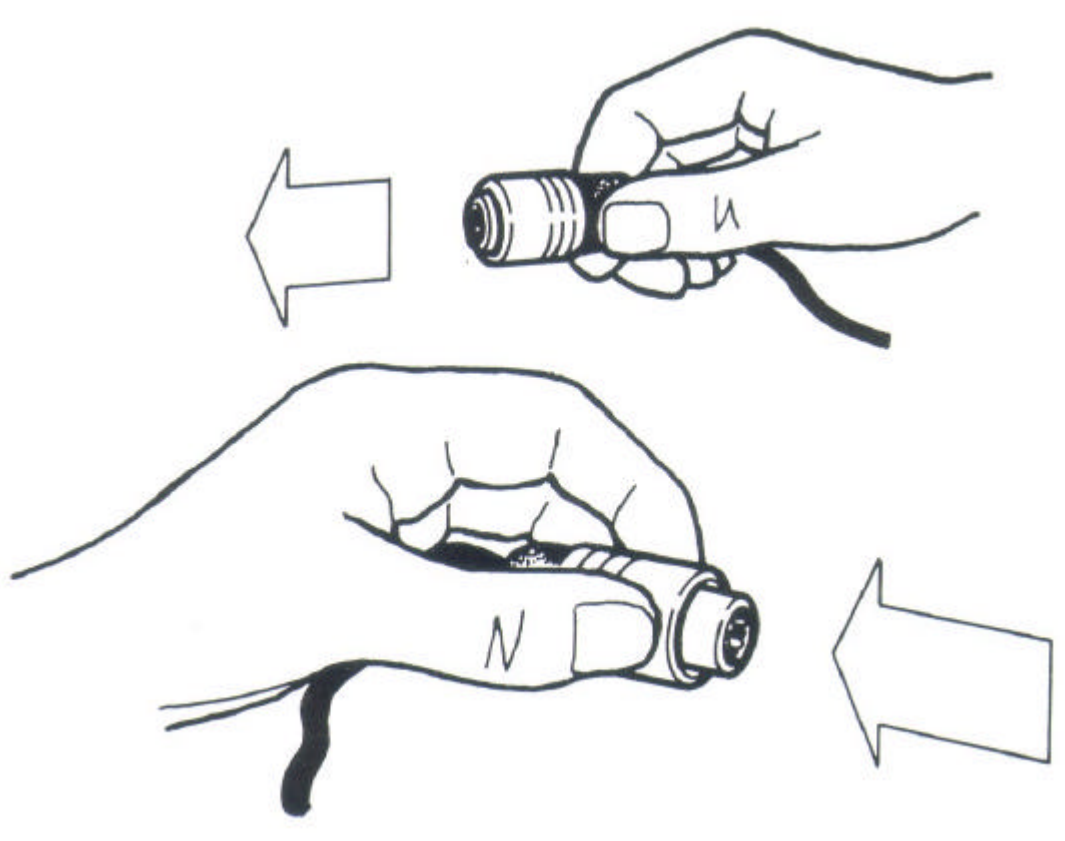
The wire coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

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

If upgrading a standard LK1 or AKTIV your Linn dealer will have removed the transformer and fitted the adapter plates and interconnect lead.

LK1 CONNECTION Connect your turntable, other sources and power amplifiers to the LK1, pushing all the plugs firmly home.

Connect the DIRAK to the socket on the LK1 with the interconnect lead. The plugs have a locking mechanism. To connect, push in by the black end of the plug. To disconnect pull out by the silver collar.



Plug the mains lead into the DIRAK and switch on.

AKTIV CONNECTION

NOTE - It is preferable that your dealer do this.

Connect the AKTIV crossover to the power amplifiers. Take care to connect properly. Double-check all connections before powering anything up.

WARNING Connecting the bass output to the tweeter in the ISOBARIK will damage the tweeter.

Connect the DIRAK to the socket on the AKTIV with the interconnect lead. The plugs have a locking mechanism. To connect push in by the black end of the plug. To disconnect, pull out by the silver collar (see diagram above)

Plug the mains lead into the DIRAK and switch on.

GENERAL SYSTEM INSTALLATION

TURNTABLES For best results a turntable should be placed on a small, light, rigid table, or alternatively wall mounted on a light, rigid shelf.

AMPLIFIERS Pre and power amplifiers may hum if positioned too close together. For minimum hum experiment by moving the components with the system at full volume but not playing music (although it is best to turn the volume down whilst actually moving the components).

LOUDSPEAKERS Loudspeakers should be positioned correctly. They should be mounted on rigid stands and not subject to any rocking movement. All Linn speakers except NEXUS and HELIX are designed to be placed very close to the wall.

DIRAK Take care to site the DIRAK far enough away from the pre-amplifier and turntable to avoid hum.

CLEAN CONTACTS It is important that the electrical contacts in a hi-fi system are kept mechanically sound and clean. Occasionally unplugging and replugging all the connectors will effectively clean contacts.

WARNING This should be carried out after the mains supply has been switched off.

INTERCONNECT LEADS Correct cables should be used. We recommend good quality copper cable for interconnect leads and advise 4mm' multicore copper cable, such as Linn K20, for speaker leads. Your Linn dealer can supply high quality interconnects for linking all your hi-fi components.

MAINTENANCE

The Linn DIRAK is designed for a long life and any servicing should be carried out by an authorised dealer.

Dust or finger marks can be removed with a soft slightly damp cloth. Avoid the use of domestic cleaning fluids.

FUSE If the fuse in the mains inlet connector should blow, replace it with the correct type only. To replace the fuse, first switch off and disconnect the mains lead. Open the door on the mains inlet connector by inserting a small flat-blade screwdriver in the slot at the top and levering it open. **DO NOT REMOVE OR TURN THE VOLTAGE SELECTOR BARREL.** Pull out the fuse-holder and replace with the spare fuse provided. Replace the fuse-holder, with the arrow pointing right, and snap the door shut.

GUARANTEE & SERVICE

This product is guaranteed under the conditions that apply in the country of purchase.

In addition to any statutory rights the customer may have, we undertake to replace any parts that have failed due to faulty manufacture. To help us please return your completed registration card to Linn or your national distributor.

This will enable you to receive the Linn RECORD Newsletter, containing information on merchandise, the Linn SELEKT record scheme and new developments at Linn.

WARNING Refer all enquiries to authorised dealers only. Unauthorised servicing or dismantling of the product invalidates the manufacturer's warranty.

If you are in any doubt, please contact your nearest Linn dealer. For information on your nearest dealer, contact the linn factory in Scotland or your national distributor.

IMPORTANT

Please keep a copy of the sales receipt to establish the purchase date of the product.

Please ensure that your equipment is insured by you during any transit or shipment for repair.

LINN PRODUCTS LIMITED, FLOORS ROAD, WATERFOOT, EAGLESHAM,
GLASGOW G76 OEP, SCOTLAND. TELEPHONE: ++44 (0)141 307 7777.
FACSIMILE: ++44 (0)141 644 4262.

SPECIFICATIONS

DIMENSIONS

Height - 80mm (inc feet) Width - 157mm Depth - 325mm

WEIGHT

71bs (3.2kg)

INPUT VOLTAGES (selectable on the product)

100v 120v 220v 240v

OUTPUT VOLTAGE

+/- 20V DC

CAPACITANCE

132,000 microfarads