

## **KAIRN PREAMPLIFIER**

Achieving the best sound from a variety of sources depends on a flexible and well designed preamplifier to capture and control the different signals.

The Kairn is a preamplifier designed to improve the sound of any domestic hi-fi or A/V System. It is a step forward in sound quality of 'Lingo' proportions. It's name, a Scottish word for a marker placed at the summit of a mountain reflects it's performance - and not just with turntables. It is equally impressive with CD, Tuner, TV or any other source.

The Kairn develops innovative ideas introduced with the LK1 pre-amp, including solid state switching (which avoids noise introduced by mechanical control) microprocessor control and remote control operation.

With 7 source inputs the Kairn allows users to keep their options open for the future. The pre-amp is equipped to deal with distributed and multi-room systems, and the 3 line outputs avoid the need for special adapters with multi-amplifier systems. (A number of advanced user features are also incorporated which allow the owner to programme the Kairn to suit their personal preferences.)

The Kairn is designed to be operated principally by remote control and indeed the front panel controls are concealed by a door. The handset with dedicated buttons for all operations makes it extremely easy to use. The remote control receiver in the pre-amp is very sensitive so the handset can control the kairn from virtually anywhere in the room.

This handset also controls the Linn Kremlin tuner, and as it uses the RC5 standard it will also control most European CD players.

The Linn Kairn represents a new generation in preamplifiers. Its deceptively simple aesthetics belie the sound performance it achieves, and the flexibility it offers. The pre-amp makes it easy to get the sound you want and the handset makes it easier than ever to control.

For more Information please contact Linn Products Ltd  
Customer Services on Freephone 0500 888 909

## Kairn Technical Information

### Dimensions

Width	320mm
Depth	326mm
Height	80mm
Weight	4.3kg

### Inputs

Sensitivities for 0.7 V rms output at 1kHz maximum volume, output load 2 kilohms

Minimum load on line outputs 1 kilohms total.

Moving Magnet and Moving Coil Cartridges

MM : Sensitivity - 2mV rms Load - 47 kilohms/ 68pF

MC : Sensitivity - 130uV rms Load - 150 ohms/4.7nF

Tuner/CD/Aux/Tape Inputs

Sensitivity - 188mV rms Load - 24 kilohms

### Outputs

#### *Line outputs*

Minimum load 1 kilohms.

Output impedance 100 ohms

#### *Tape outputs*

Tape output = auxiliary input level (unity gain) 1 kilohms output impedance.

Minimum load 5 kilohms

#### *Matrix Output*

For 188mV rms output at 1 kHz, 100ohms output impedance.

Minimum load 5 kilohms

### Mains Suply / Fuse

100/T2A, 120V/T2A, 220V/T1A, 240V/T1A antisurge

### Power Consumption

Display off - 13 Watts

Display on - 16 Watts maximum

## Operation

The Kairn accommodates 7 input sources and provides 3 outputs for multi-amplifier systems.

- Phono 1 (MM cartridges)
- Phono 2 (MC cartridges)
- Tuner
- CD
- Aux
- Tape 1
- Tape 2

Additional connections include 'Matrix' to enable you to connect the output of your turntable to a multi-room sound distribution system, and remote In/Out which is also intended for use in a distributed system and is designed to enable remote control operation of various Linn products throughout your home.

The operational features of the Kairn include ;

- Digital display of volume and balance
- mono facility
- mute facility
- Record other than the listen source
- source level equalisation, where the volume setting can be adjusted to keep the listening level constant between sources. (Output from a CD player may play much louder than that from a tuner; the Kairn can be programmed to remember this and adjust the volume accordingly when you switch between them.)

Customisation of the Kairn is possible with a number of user programmable features.

Surface mount technology in the control board of the Kairn enabled us to get the kind of display power and versatility we really wanted and provides better reliability.