INTRODUCTION
We would like to take this opportunity to thank you for purchasing our Stereo Amplifier. With the high quality design and workmanship that goes into making this equipment, you can be assured of its flawless performance for many years to come.

We have fitted every control and feature you could conceivably need. Designed for both versatility and ease of operation, this piece of equipment will add professional studio flexibility to your Hi-Fi sound center. The performance is exceptional; it will allow you to experience true high fidelity as never before. Its full and natural stereophonic reproduction offers you musical entertainment approaching that of live performances. We sincerely hope you will treasure this professional equipment. In order to obtain the maximum use out of your unit, please read the following pages of this Operating Manual carefully.

Do not attempt to operate the unit until you have made all the necessary connections.

WARNING—to prevent shock of fire hazard, do not expose this appliance to rain or moisture.
SPECIFICATIONS

Continuous Power Output . . . . . . 10 watts per channel, min. RMS, both channels driven into 8 ohms from 50 to 20,000 Hz with no more than 1 % total harmonic distortion

IM Distortion . . . . . . not more than 0.2 % at rated output, ± 1 dB

Frequency Response . . . . . . 15 to 50,000 Hz, ± 3 dB at 1 watt per channel

Damping Factor . . . . . . 40 at 1 KHz

Signal to Noise Ratio . . . . . . 40 at 1 KHz

(IHF, 'A' network closed circuit)

PHONO . . . . . . more than 65 dB
TAPE, AUX, TUNER . . . . more than 80 dB
Residual . . . . . . less than 1 mV

Input Sensitivity/Impedance
(at rated output, 1 KHz)

PHONO (magnetic) . . . . 2.8 mV/47 kohms
PHONO (ceramic) . . . . 150 mV/100 kohms
TUNER . . . . . . . . 150 mV/50 kohms
AUX, TAPE . . . . . . 150 mV/50 kohms

Output Level (TAPE OUT) . . . 350 mV/3.3 kohms (5 mV input)

Phono Overload . . . . . . more than 90 mV

Phono Equalization . . . . . . R.I.A.A. STD ± 1.5 dB

Crosstalk . . . . . . . . . 50 dB (overall at 10 KHz)

Bass Control . . . . . . ± 10 dB at 100 Hz

Treble Control . . . . . . ± 10 dB at 10 KHz

Loudness . . . . . . . + 7 dB/100 Hz, +3 dB/10 kHz

GENERAL:

Power Consumption . . . . . . 100 watts

Dimensions . . . . . . . 335 (W) x 240 (D) x 115 (H) mm

Weight . . . . . . . . . 4 kg/8.8 lbs

Note: features and specifications subject to changes for improvement without notice.

EXCLUSIVE NOTE FOR U.K.

If your unit comes with a 3-core cable without a plug, make certain live, neutral and (where appropriate) earth leads are connected to the proper terminals. Check that the terminals are screwed down firmly and no loose strands of wire are present.

WARNING: THIS APPARATUS MUST BE EARTHED

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

GREEN/YELLOW: EARTH
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 GREEN/YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol Fig., or coloured GREEN or GREEN/YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLUE or BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured BROWN or RED. The apparatus must be protected by a 3 Amp fuse if a 13 Amp (BS 1363) plug is used. If another type of plug is used a 5 Amp fuse or lower must be used, either in the plug or adapter or at the distribution board.