

SPECIFICATION

POWER OUTPUT (both channels sine-wave driven at 1 kHz):

35 watts rms each channel into 8 ohm loudspeakers.

28 watts rms each channel into 15 ohm loudspeakers.

TOTAL HARMONIC DISTORTION:

0.1% for ALL power levels up to 25 watt rms each channel at 1 kHz into 8 ohm or 15 ohm loudspeakers.

DAMPING FACTOR:

40 measured at 1 kHz for 15 ohm loudspeakers.

20 measured at 1 kHz for 8 ohm loudspeakers.

INPUT SENSITIVITIES:

The sensitivities shown below give 30 watts output at 1 kHz into 8 ohm loudspeakers with tone controls at 12 o'clock and the volume control on maximum.

'PICKUP 1' (RIAA Characteristic): 2mV
Input impedance: 47k ohm

'PICKUP 2' (RIAA Characteristic): 10mV or 30mV
Input impedance: 33k ohm or 100k ohm

Selected by switched input attenuator marked 'HI' and 'LO' located on the rear panel.

'TUNER 1/MIC': 25mV or 2mV
Input impedance: 47k ohm or 47k ohm

Selected by cutting white leads on input switch, see paragraph 18.

'TUNER 2': 60mV or 250mV
Input impedance: 50k ohm or 50k ohm

Selected by switched input attenuator marked 'HI' and 'LO' located on the rear panel.

'REPLAY' ('TAPE MONITOR' Button 'OUT'): 400mV
Input impedance: 47k ohm

'REPLAY' ('TAPE MONITOR' Button 'IN'): 400mV
Input impedance: 20k ohm

OVERLOAD DISTORTION:

Less than 0.1% for input signals up to 20dB above stated sensitivities from 30 Hz - 15 kHz.

HUM AND NOISE:

66dB below 30 watts on 'TUNER' and 'REPLAY' and 56dB below 30 watts on other inputs.

CROSS-TALK:

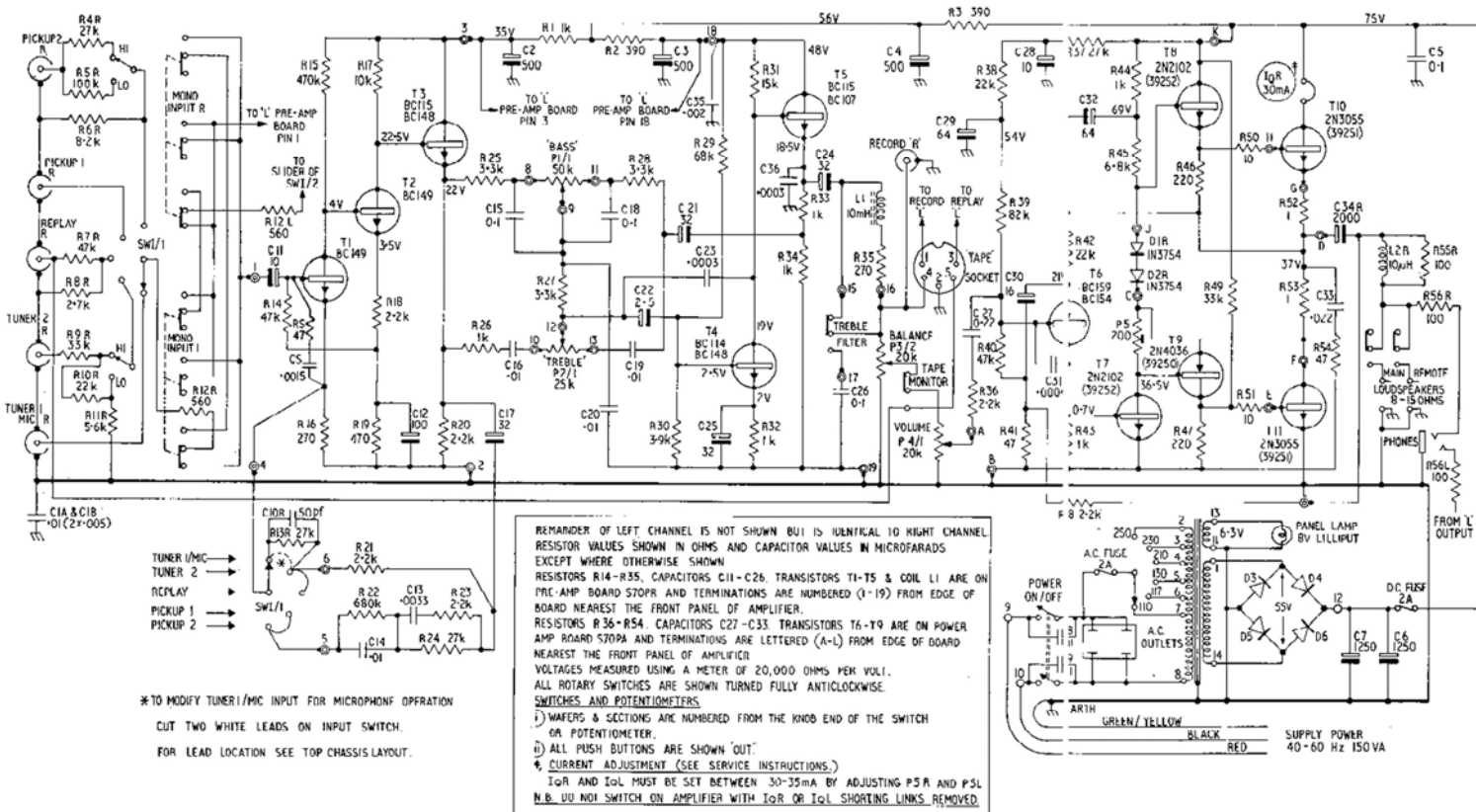
Between 'L' and 'R' channels. 56dB up to 1 kHz and -30dB at 10 kHz.

H. J. LEAK & CO., LTD.

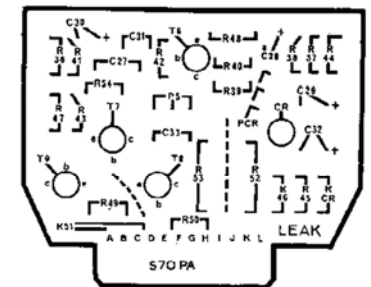
BRUNEL ROAD • WESTWAY FACTORY ESTATE • LONDON W.3

Telephone: 01-749 1641 (10 lines)

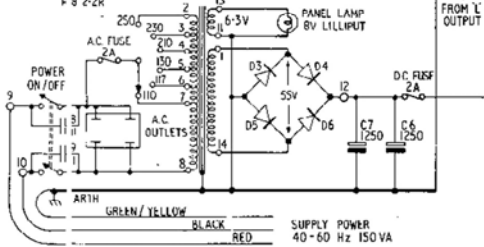
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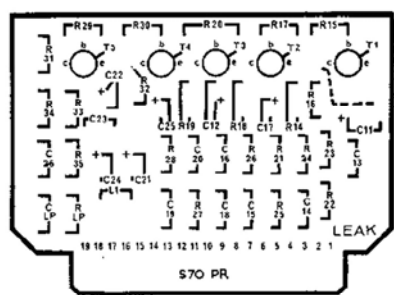
CIRCUIT DIAGRAM



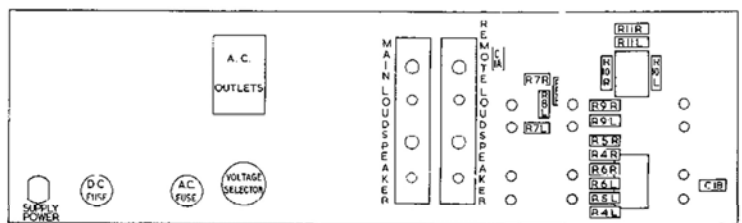
POWER AMPLIFIER CIRCUIT BOARD LAYOUT DIAGRAM



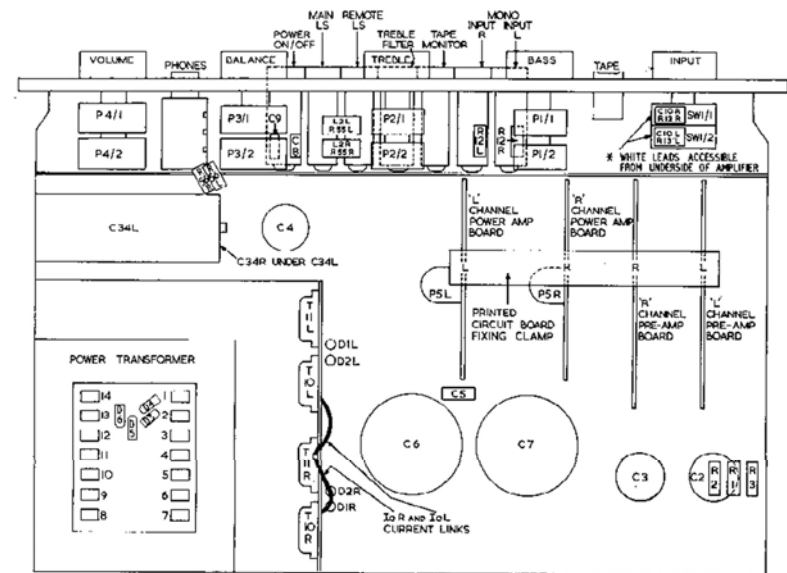
TOP CHASSIS LAYOUT



PRE-AMPLIFIER CIRCUIT BOARD LAYOUT DIAGRAM



INSIDE VIEW OF REAR FACE



* TO MODIFY TUNER/MIC INPUT FOR MICROPHONE OPERATION CUT TWO WHITE LEADS ON INPUT SWITCH. FOR LEAD LOCATION SEE TOP CHASSIS LAYOUT.

* WHITE LEADS ACCESSIBLE FROM UNDERSIDE OF AMPLIFIER