FAULTS WHICH MAY OCCUR

SYMPTOM	LIKELY CAUSE
Fuse repeatedly blows	Loudspeaker leads are shorting out Failure of T6 Open circuit TH2 or P7
Test point voltage cannot be adjusted to −23 V	Failure of T4 or T5
Excessive noise when volume is advanced	Fault developed in T1 or possibly T2
Excessive noise with volume control at minimum	Noisy T4

SPECIFICATION

INPUT SENSITIVITIES: for full power output at 1,000 c/s into a 15 ohm load.
When using a 4 ohm load the sensitivities will be twice as high for the same power output.

	HI	LO
PICKUP 1 (RIAA CHARACTERISTIC): Input impedance:	3·5 mV 47k ohm	— —
or PICKUP 2 (RIAA CHARACTERISTIC): Input impedance:	20 mV 33k ohm	60 mV 100k ohm
TUNER: Input impedance:	30 mV 50k ohm	200 mV 50k ohm
TAPE AMP. (TAPE MONITOR SWITCH 'OFF') Input impedance:	125 mV 50k ohm	250 mV 100k ohm
TAPE AMP. (TAPE MONITOR SWITCH 'ON') Input impedance:	125 mV 20k ohm	620 mV 72k ohm
MICROPHONE: Input impedance:	3 mV 33k ohm	125 mV 150k ohm
TAPE HEAD: Input impedance:	3 mV 47k ohm	— —

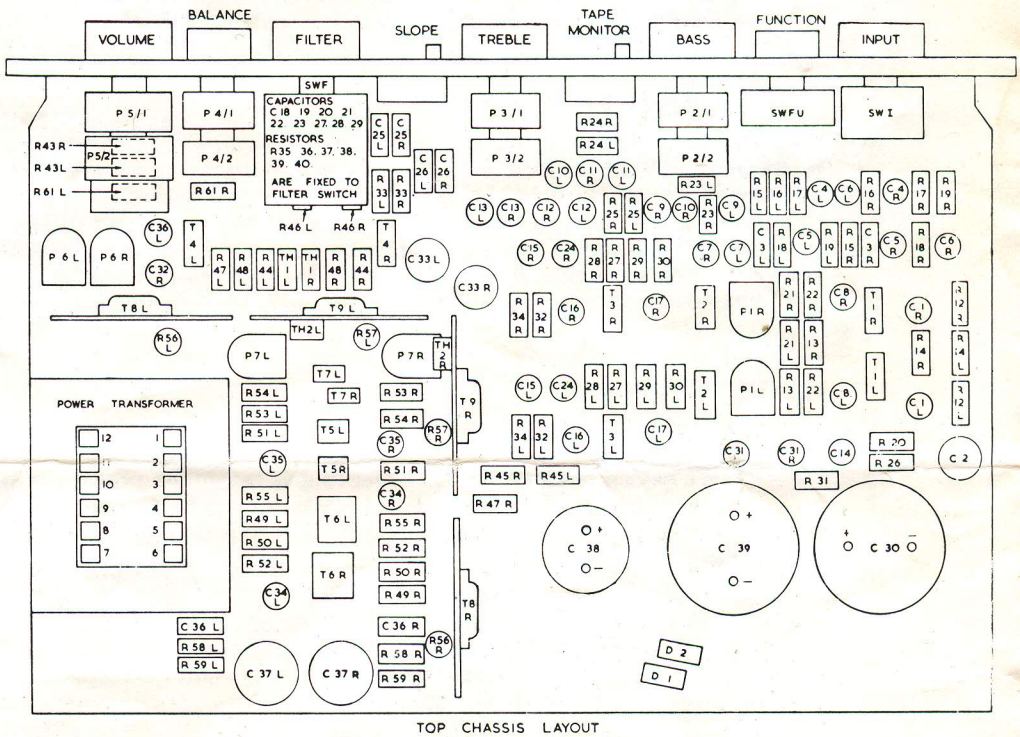
POWER OUTPUT:
10 watts into a 15 ohm load IHFM music rating.
15 watts into a 4 ohm load IHFM music rating.

DISTORTION:
0·1% for 8 watts output per channel (IHFM) at 1,000 c/s into a 15 ohm load.

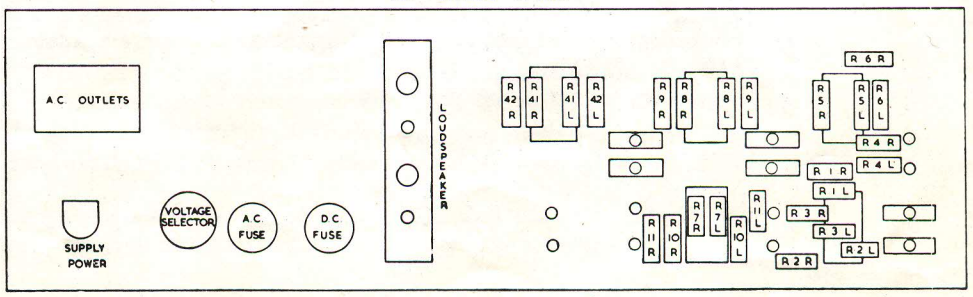
HUM AND NOISE:
66 dB below full output on 'TUNER' and 'TAPE AMP', and 52 dB below on other inputs.

DAMPING FACTOR:
60 measured at 1,000 c/s.

CROSS-TALK:
Between 'L' and 'R' channels
−50 dB up to 1,000 c/s.
−30 dB at 10,000 c/s.



TOP CHASSIS LAYOUT



INSIDE VIEW OF REAR FACE