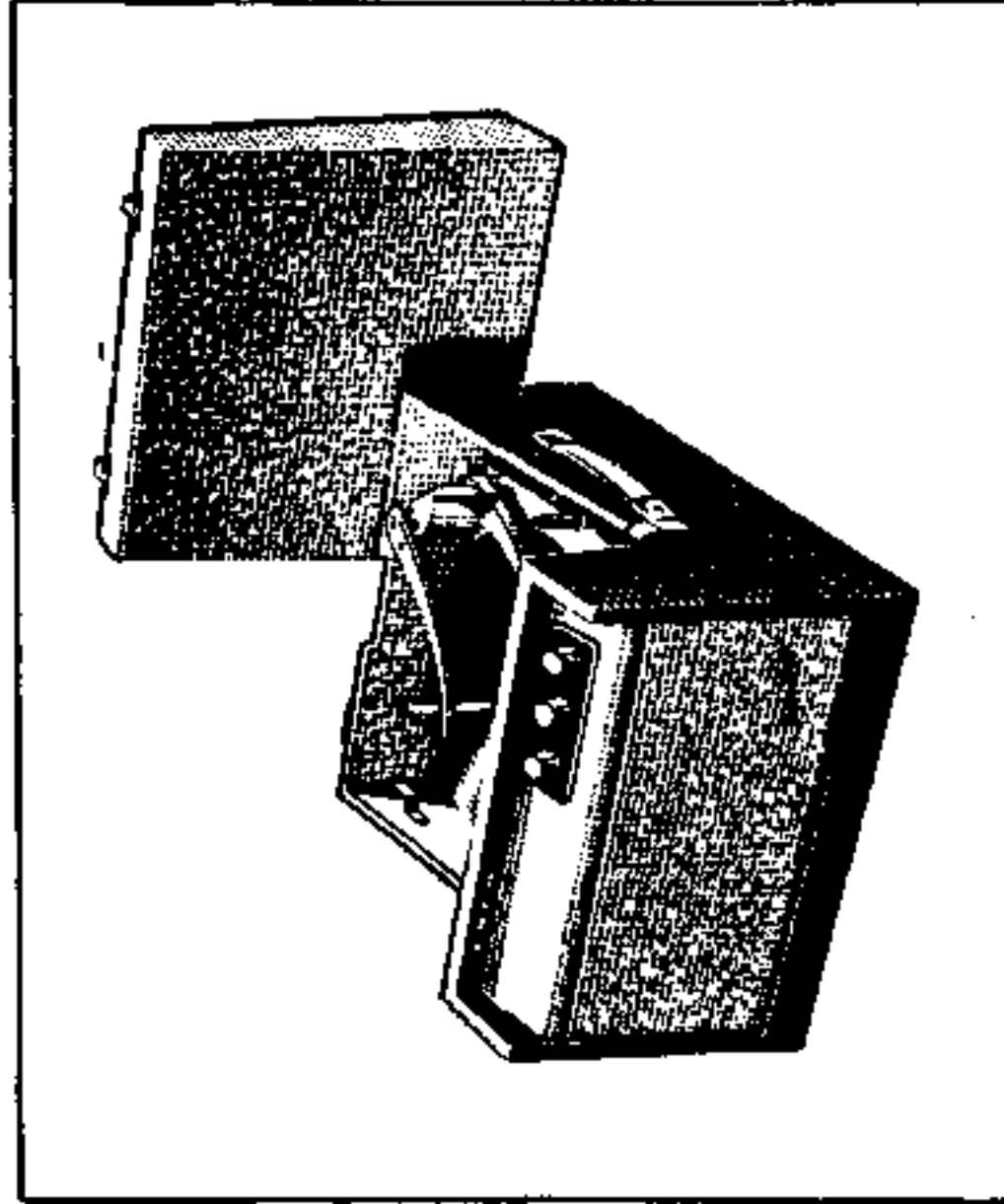


See also Service Sheets Nos.



Model RP364 :

This is a two valve portable record player for the reproduction of Stereophonic or Monophonic records. The Garrard four-speed autochanger plays both standard and L.P. records, and the twin amplifiers feed into the matched loud-speakers, one housed in the main cabinet, the other in the detachable lid which is fitted with dividing hinges. For Stereophonic reproduction the second loud-speaker is placed at a convenient distance from the main unit.

Mains Supply : 200-250 Volts A.C. only.

Mains Consumption : 52 Watts.

Mains Adjustment :

The inner cover must be removed, as described below, to render the transformer tags accessible. The player is despatched with the tap in the 230/250V position, but for 200/220V working the flying lead must be clipped to the appropriate mains voltage terminal.

EKCO Service data

Valves :

- V1-ECL82. A.F. Driver and Output.
- V2-ECL82. A.F. Driver and Output.

Metal Rectifier : Westinghouse EC1.

Controls :

Situated at the right-hand front of the cabinet, they are from left to right :

Volume, Tone and Balance.

Loud-Speakers : Two 6" round

Output : 2 Watts per channel.

Chassis Removal :

To gain access to the amplifiers, remove the inner cover held by two screws at the top and clips at the bottom, then release the autochanger by undoing the three securing screws in the baseboard. The complete unit can be lifted out to the extent of the pick-up and mains leads. The amplifier is secured to the base of the cabinet by four screws, and a further four wood screws retain the mains transformer. The control unit is withdrawn by removing three 4BA nuts under the panel.

Voltage and Current Data :

All measurements are taken on a 20,000 ohms per volt meter, with a 240V input and with the amplifier quiescent. Readings relate to both amplifiers. H.T. at C3: 252V, at C2: 215V, at C6: 212V.

VALVE	ANODE		SCREEN		CATHODE	
	Pin	V	Pin	V	Pin	V
V1A,V2A	9	90	—	—	8	1.5
V1B,V2B	6	199	40	7	215	2
						16

D.C. Resistance of Windings :

- T1 Primary : 44 ohms.
- T1 H.T. Secondary : 74 ohms.
- T2 Primary : 330 ohms.
- T3 Primary : 330 ohms.

Circuit Description :

H.T. is provided by a bridge metal rectifier and smoothed by C3,R4,R5,C6 and C2, whilst L.T. is derived from a secondary winding on T1, the mains transformer. The audio circuit is a conventional triode driver-pentode output arrangement, and negative feedback is derived from the secondaries of the output transformers via R1 and R10 respectively. For Monophonic reproduction, the switch S2 parallels the amplifier outputs, whilst for Stereophonic use the outputs are fed independently to the separate speakers.

E. K. COLE LTD.

Main Service Dept.,

Somerton Works, Arterial Road,
Southend-on-Sea.

'Phone : Southend 42296



Northern Service Depot :

115, Jersey St., Ancoats, Manchester, 4
'Phone : Collyhurst 4421/3



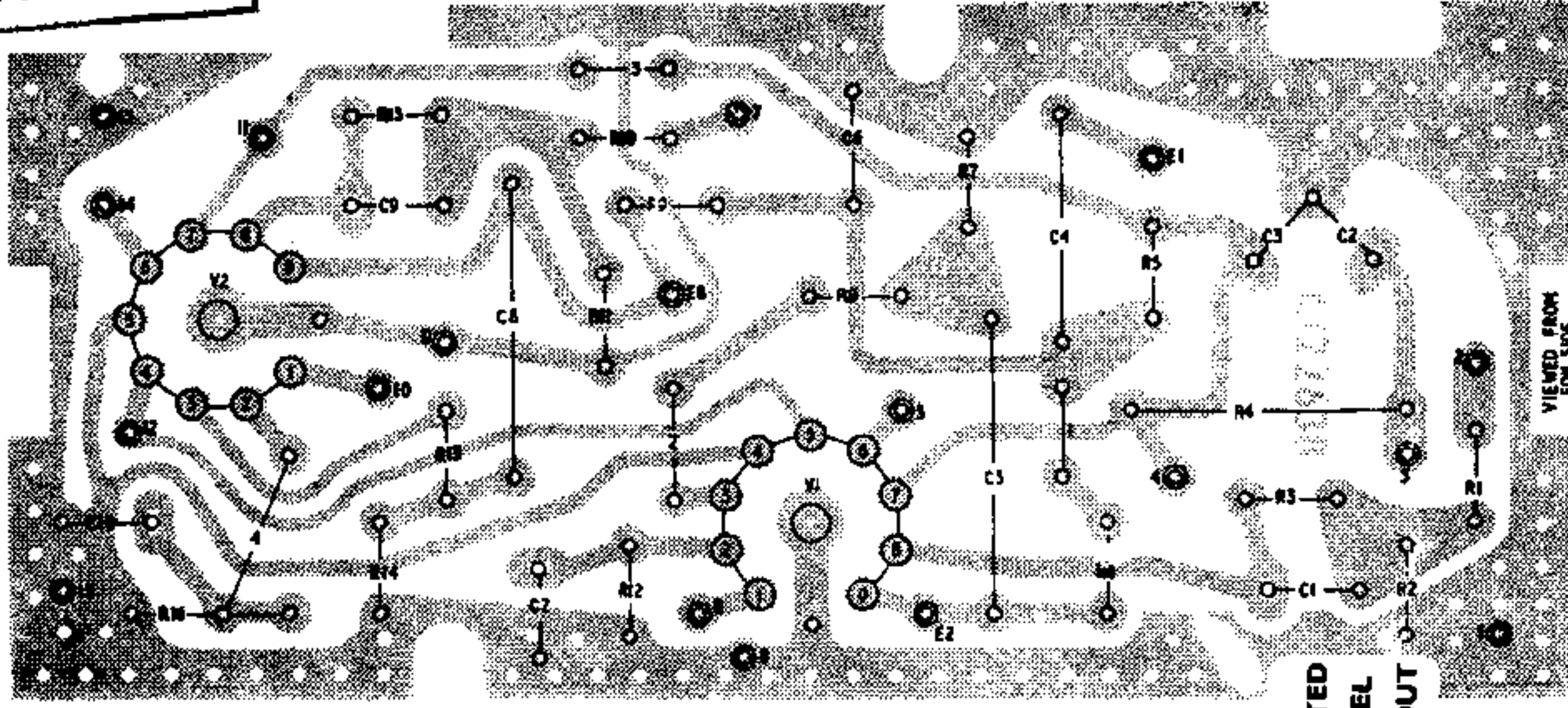
Midland Service Depot :

230-232, Highgate Rd., Birmingham, 12
'Phone : Victoria 5701



Scottish Service Depot :

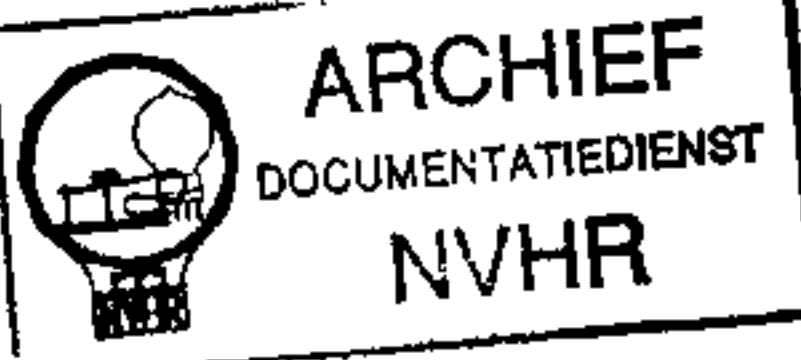
17, Cadogan Street, Glasgow, C.2
'Phone : Central 3633/4

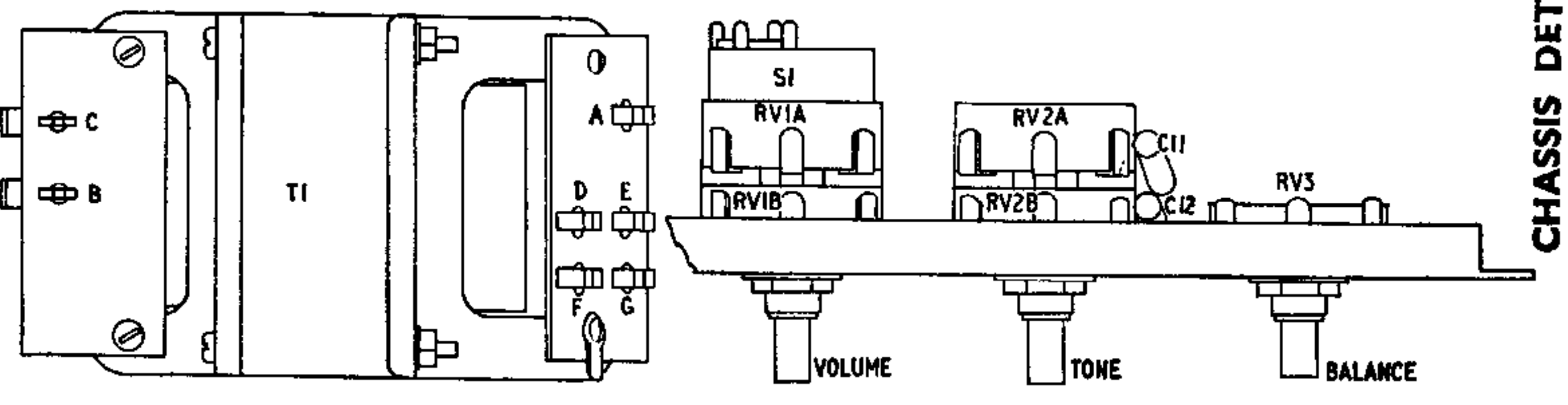
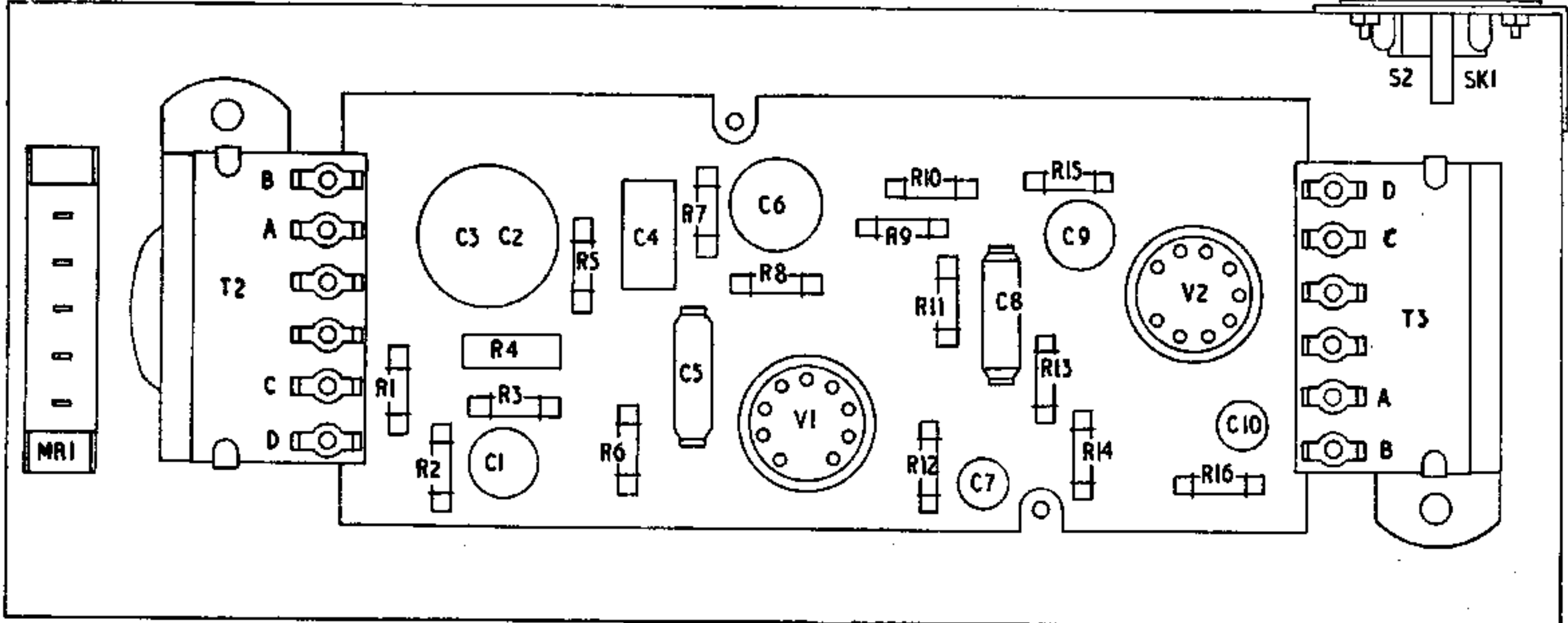


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PANEL
LAYOUT

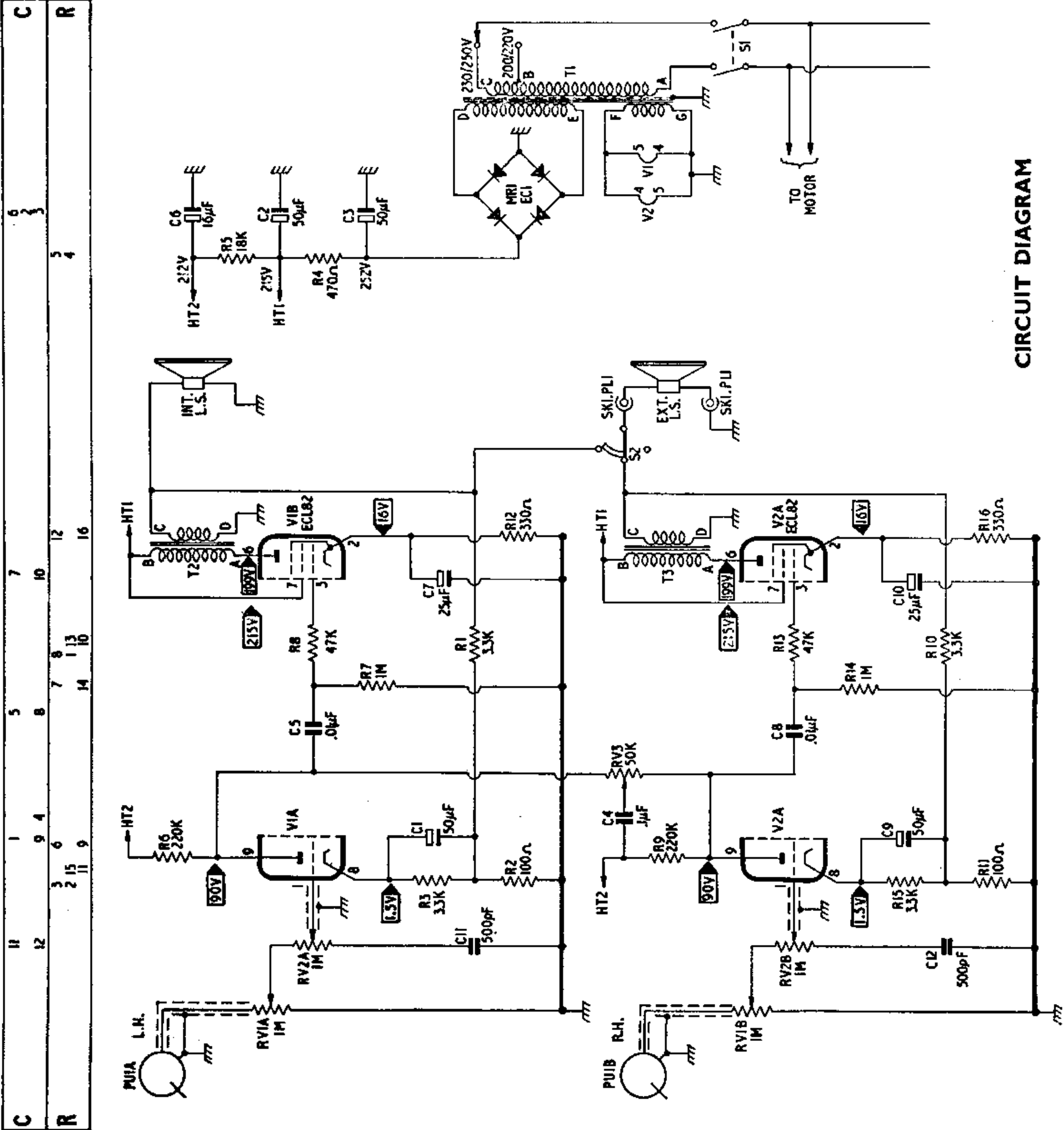
VIEWED FROM
FRONT SIDE

Model RP364





CHASSIS DETAILS



CIRCUIT DIAGRAM

C	R
1	11
2	12
3	13
4	14
5	15
6	16
7	17
8	18
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