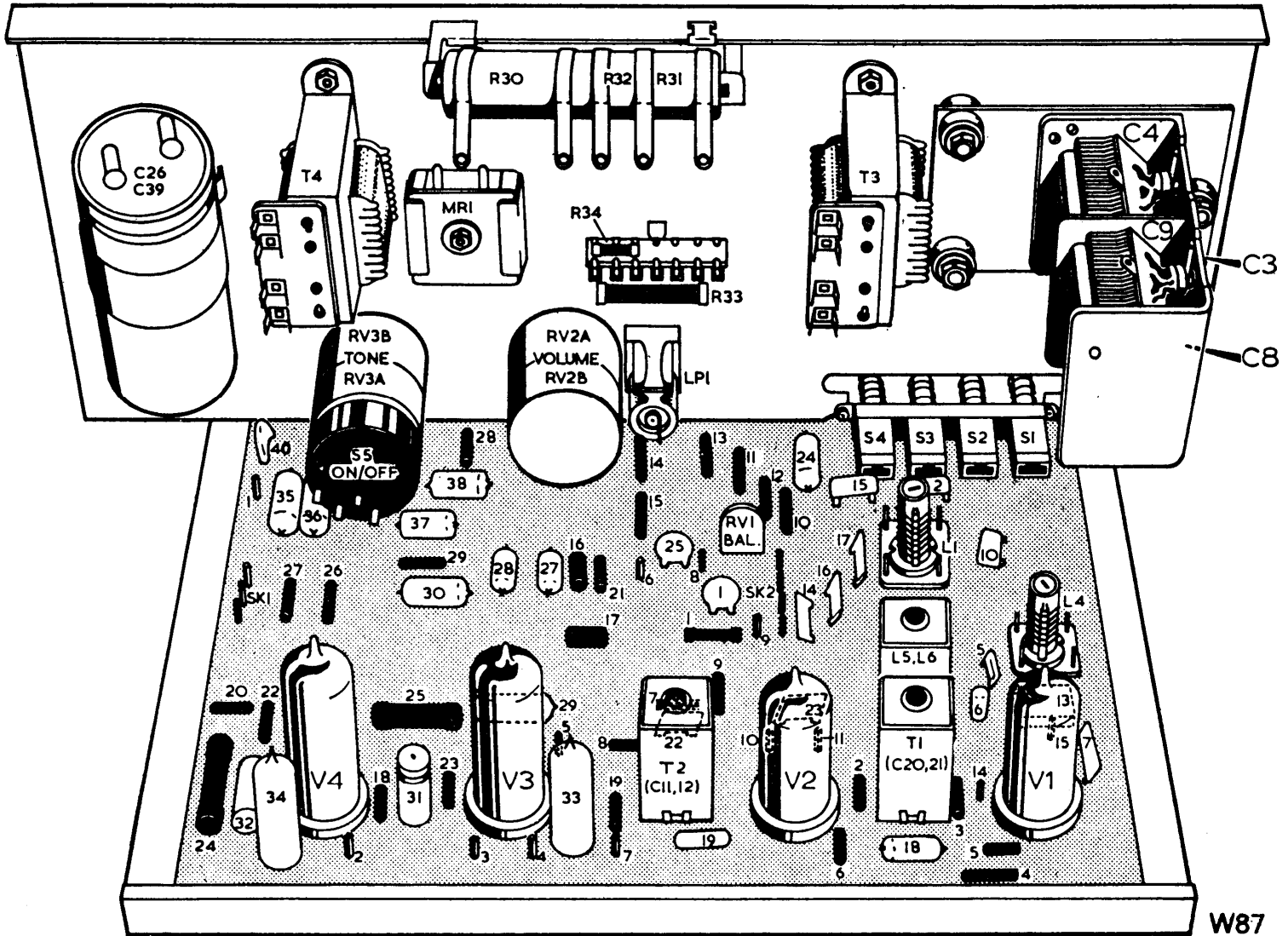


General Description: A four-valve, plus rectifier, three-waveband, stereo radiogram for use on 230-240-volt A.C. mains. The record player unit is a BSR type UA25 with SX1M cartridge.

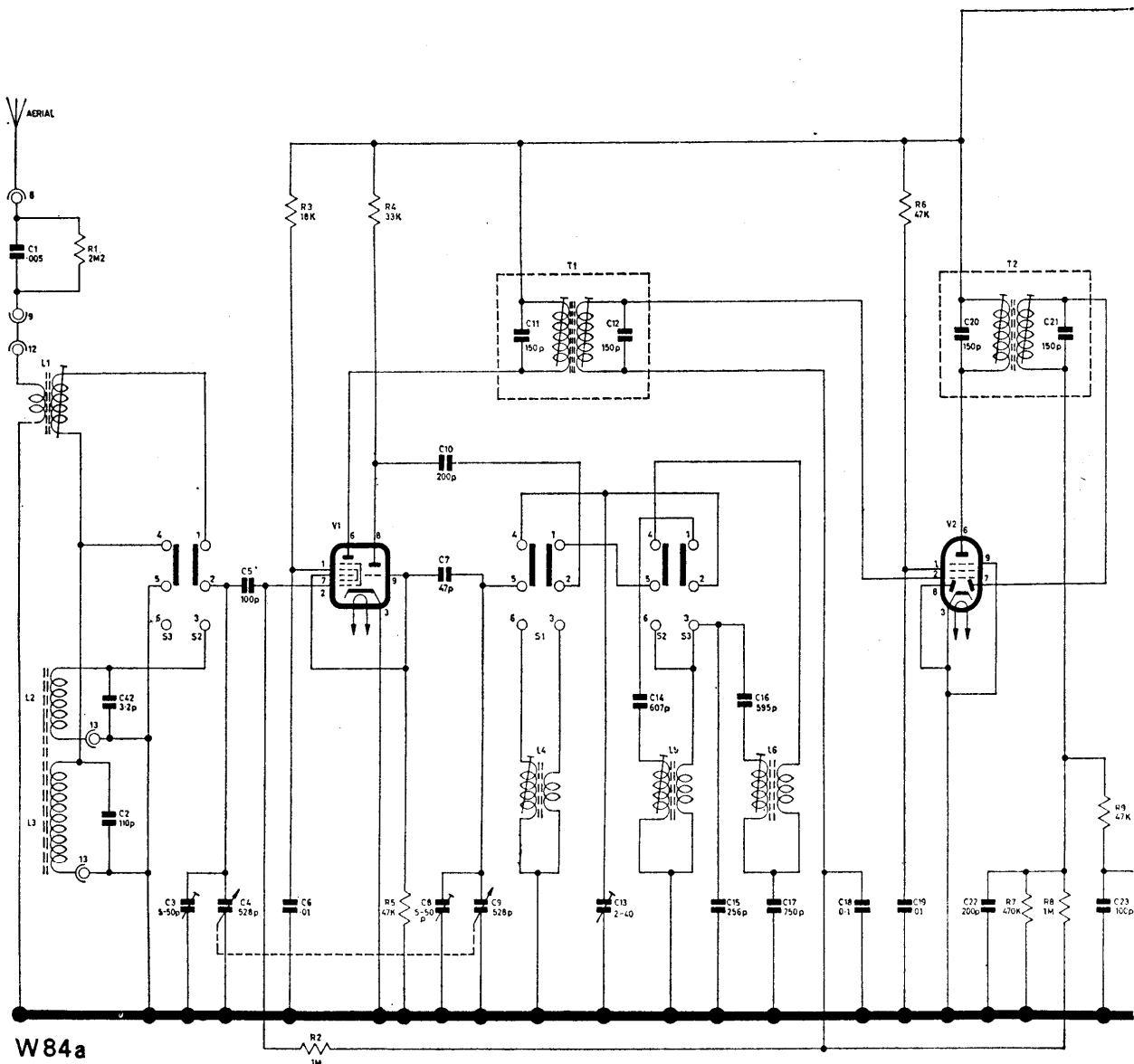


COMPONENT LAY-OUT

To Remove Chassis

1. Disconnect mains supply and remove receiver back cover.
2. Pull off the three front control knobs; release the S.W. aerial socket and remove the two screws securing rod aerial assembly to base of cabinet.
3. Disconnect PL2 and the gram motor supply at the connector block.
4. Remove three 4BA nuts and washers, when the chassis may be withdrawn to the extent of the loudspeaker leads.

Inductors: L₁ (S.W. aerial). L₂ (M.W. Aerial). L₃ (L.W. Aerial). L₄ (S.W. Oscillator). L₅ and L₆ (M.W. and L.W. Oscillator).



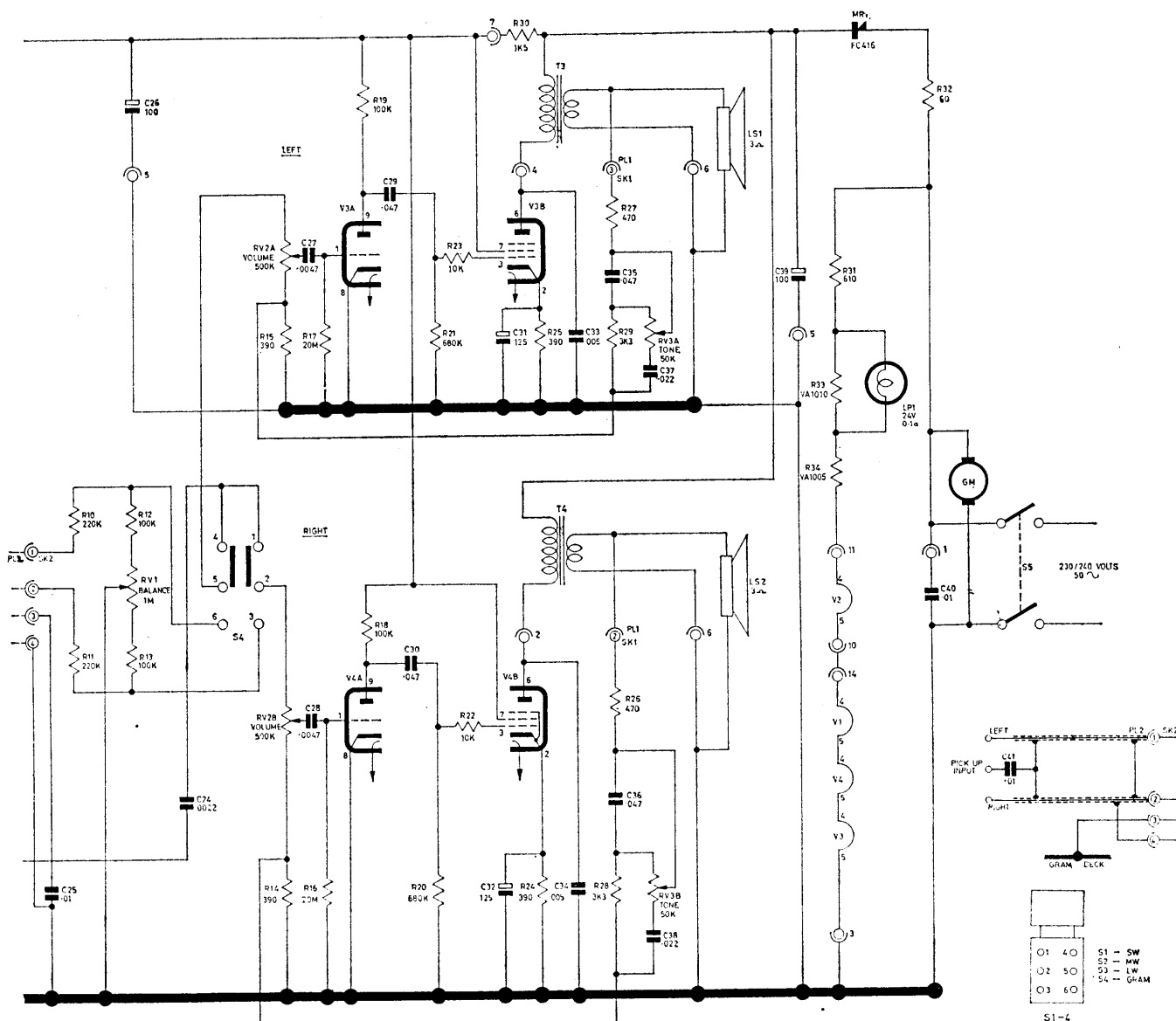
CIRCUIT DIAGRAM—EKCO MODEL SRG602 (PART)

Trimming Procedure

Apply signal as below :	Set receiver controls to :	Adjust in order for maximum output :
1. 470 kc/s. between grid of V ₁ (pin 2) and chassis, via a 0.1- μ F. capacitor	Volume and Tone controls at maximum. L.F. end of band. M.W. button depressed	Iron dust cores of T ₂ and T ₁
2. 6 Mc/s. to S.W. aerial socket (or chassis pin 8), via standard dummy aerial	S.W. button depressed	Iron dust cores of L ₄ and L ₁
3. As 2, but 16 Mc/s.	6 Mc/s.	Trimmers C ₈ and C ₃
4. Repeat 2 and 3 until tracking and calibration is correct. Seal Trimmer C ₁₃ and L ₂	16 Mc/s.	Iron dust core of L ₅ and position of L ₂ on rod
5. 600 kc/s. to ferrite rod via standard loop at distance of 50 cm. from centre of rod	M.W. button depressed	Trimmer C ₁₃ and L ₂ on rod
6. As 5, but 1500 kc/s.	200 m.	Iron dust core of L ₆ and position of L ₃ on rod
7. Repeat 5 and 6 until tracking and calibration is correct. Seal Trimmer C ₁₃	L.W. button depressed	
8. As 5, but 214 kc/s.	1400 m.	
9. Seal L ₃ on rod		

Notes :

1. Before commencing the above procedure, check that with gang fully meshed, the tuning pointer is aligned to the datum marks at low frequency end of tuning scale. This corresponds to 7.5 cm. measured from the right-hand edge of the scale backplate.
2. Tracking points, also measured from the right-hand edge are: 6 Mc/s.—9.65 cm. 16 Mc/s.—20.8 cm. 600 kc/s.—10 cm. 1500 kc/s.—22.3 cm. 214 kc/s.—12.95 cm.
3. The ferrite rod should be placed in a position relative to that which it occupies when secured to the base of the cabinet.



CIRCUIT DIAGRAM—EKCO MODEL SRG602 (PART)