

REGENTONE

Model ARG88

General Description : Six-valve (including rectifier and tuning indicator), three-waveband console auto-radiogramophone with Garrard RC110.

Power Supply : A.C. mains, 200-250 volts, 50 c/s, (radio) 53 watts.

Wavebands : L.W. 1000-2000 m.; M.W. 200-550 m.; S.W. 16.6-50 m.

Valves : (V1) ECH81; (V2) EF41 or EAF42; (V3) EBC41; (V4) EL84; (V5) EZ80; (V6) EM34. Valve voltages are shown on the circuit diagram.

Alignment Summary :

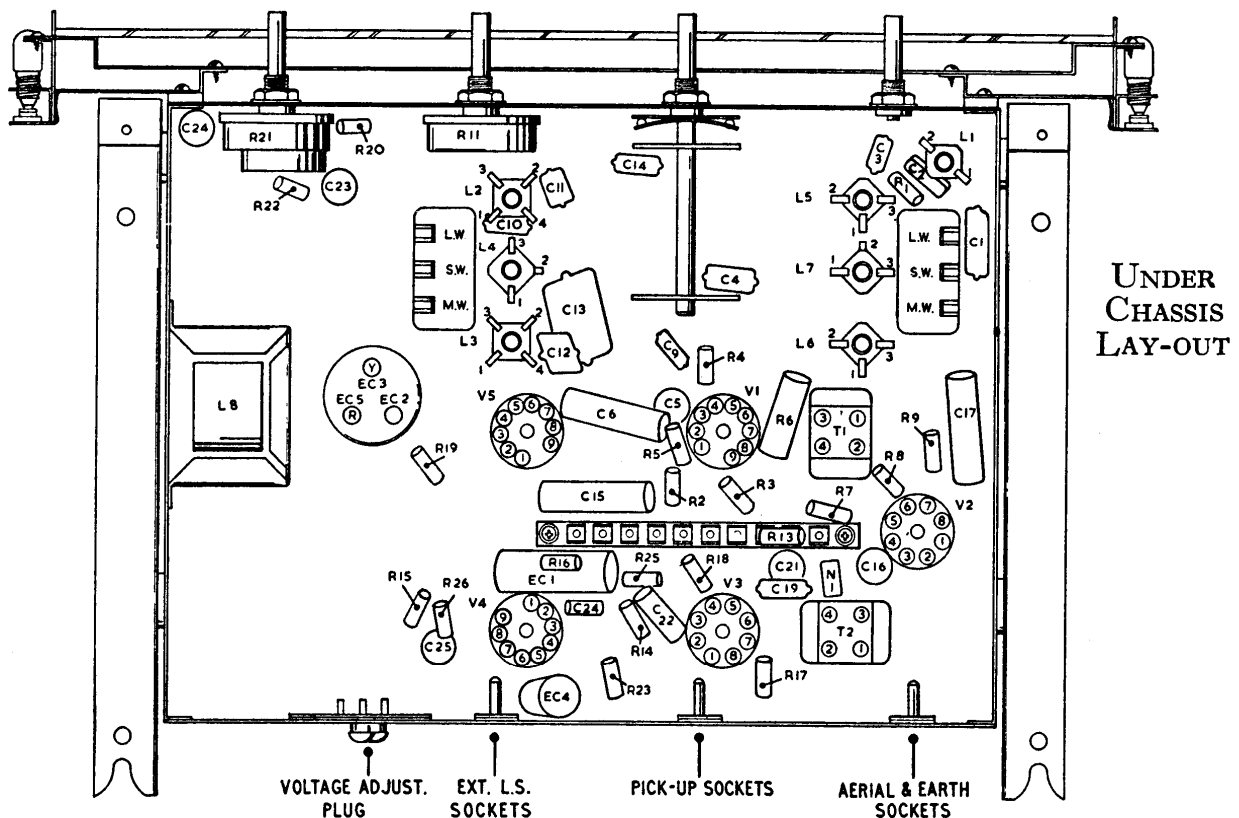
I.F. : Inject a 470-kc/s. signal via a 0.1- μ F. capacitor to fixed vanes of R.F. section of tuning gang (VC4). Adjust dust cores of T2 and T1.

I.F. Trap : Inject a 470-kc/s. signal via dummy aerial to aerial and earth sockets with receiver on M.W. and tuning gang fully open. Adjust core of L1 for minimum output.

L.W. : Pad L5 and then L2 at 160 kc/s. Trim VC6 and then VC1 at 300 kc/s. Repeat adjustments and check calibration.

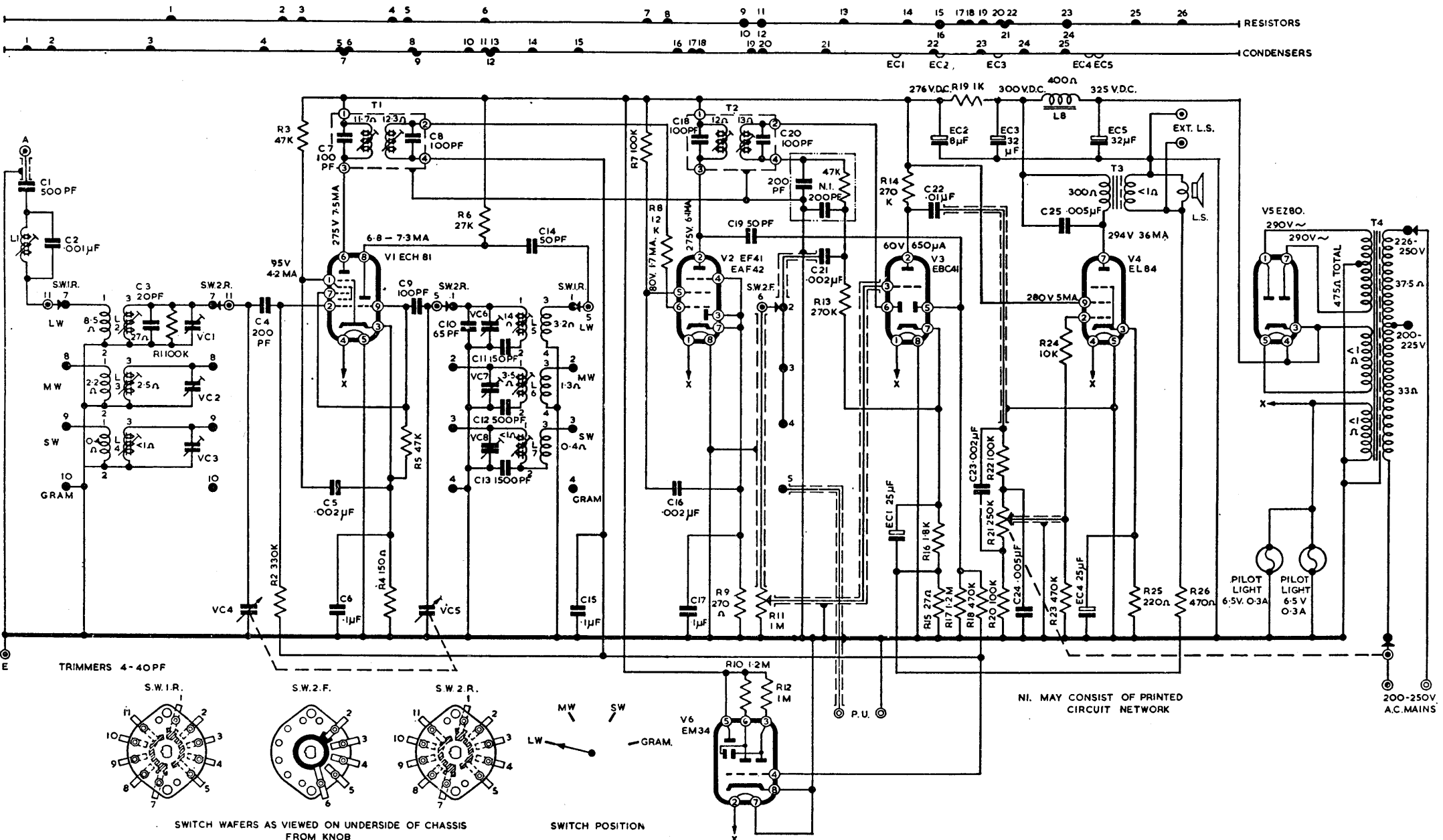
M.W. : Pad L6 and then L3 at 575 kc/s. Trim VC7 and then VC2 at 1500 kc/s. Repeat adjustments and check calibration.

S.W. : Pad L7 and then L4 at 7.5 Mc/s. Trim VC8 and then VC3 at



15 Mc/s. Repeat adjustments and check calibration. Slightly rock tuning gang whilst adjusting VC3.

Notes : The oscillator tracks at a higher frequency than the signal frequency on all bands. After alignment trimmers should be sealed. With one exception the dust cores of oscillator and aerial coils should be adjusted to the second tunable signal when the cores are screwed into the coil from the top of the former. The exception is the core of L7, which should be adjusted to the first tunable position.



CIRCUIT DIAGRAM—REGENTONE MODEL ARG88

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