

EKCO**Model ARG168**

General Description: Seven-valve (including rectifier), three-waveband superheterodyne radiogramophone with Garrard, type RC72A, automatic record changer.

Power Supply: 200–250 volts, 50 c/s. Consumption with 230-volt input, radio 270 mA., gramophone 400 mA.

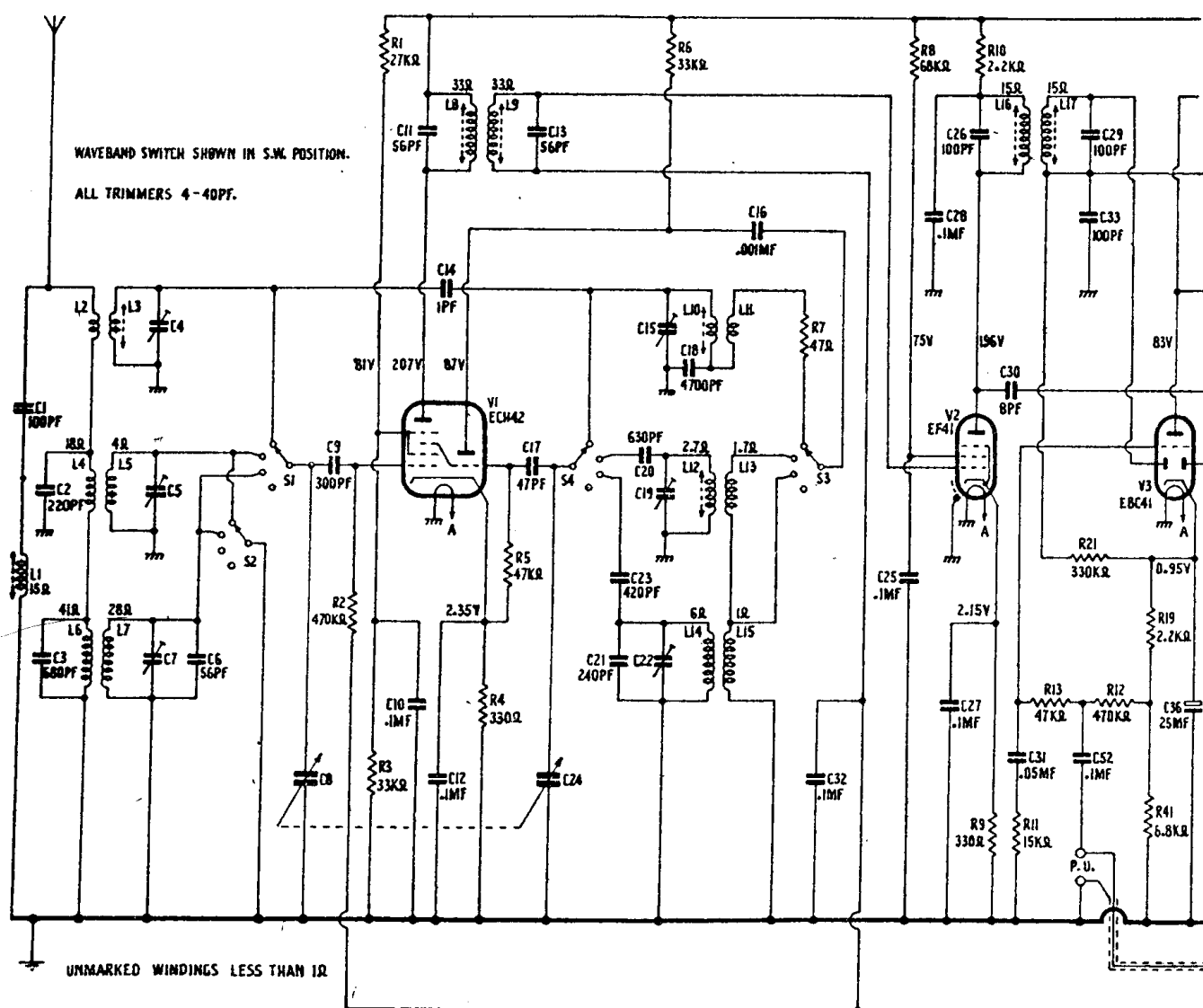
Valves: (V₁) ECH42; (V₂) EF41; (V₃) EBC41; (V₄) ECC40; (V₅ and V₆) EL41; (V₇) EZ40.

Alignment Procedure: Align I.F. transformers in conventional manner, with set switched to M.W., in the order: 2nd I.F.T. upper and lower cores, 1st I.F.T. upper and lower cores. Inject signal at I.F. to aerial socket and adjust L₁ for minimum output.

M.W.: Adjust C₁₉ and C₅ at 1300 kc/s. Core of L₁₂ at 800 kc/s.

L.W.: Adjust C₂₂ and C₇ at 250 kc/s. Check at 150 kc/s.

S.W.: Adjust cores of L₁₀ and L₃ at 6.5 Mc/s. Adjust C₁₅ and C₄ at 15 Mc/s.



CIRCUIT DIAGRAM—

