

REGENTONE Models ARG359, ARG359/2, ARG75

General Description : Five-valve (including rectifier), three-waveband superheterodyne automatic radiogramophone with record storage-space. Released May 1949.

Power Supplies : A.C. mains, 110-120 and 200-250 volts, 50 c/s. Consumption 60 watts.

Wavebands : S.W. 16.6-50 m. (18-6.0 Mc/s.); M.W. 180-550 m. (1666-550 kc/s.); L.W. 900-2000 m. (330-150 kc/s.).

Intermediate Frequency : 465 kc/s.

Audio Output : 3.5 watts.

Valves : Model ARG359; (V1) ECH35; (V2) 6K7G; (V3) EBC33; (V4) EL33; (V5) 6X5. See circuit modifications for details of ARG359/2 and ARG75.

Dial Lights : Two 6.5 volts, 0.3 amp.

Ext. Loudspeaker : Impedance 2.5 ohms.

Gram. P.U. : High-impedance or crystal types.

Gram. Motor : Garrard RC70A or RC70B.

Circuit Modifications : A somewhat similar chassis was used in models ARG359/2 and ARG75 with the exception that the Mazda range of valves were fitted: (V1) 6C9; (V2) 6F15; (V3) 6LD20; (V4) 6P25; (V5) UU9.

Alignment Procedure : As for ARG349.

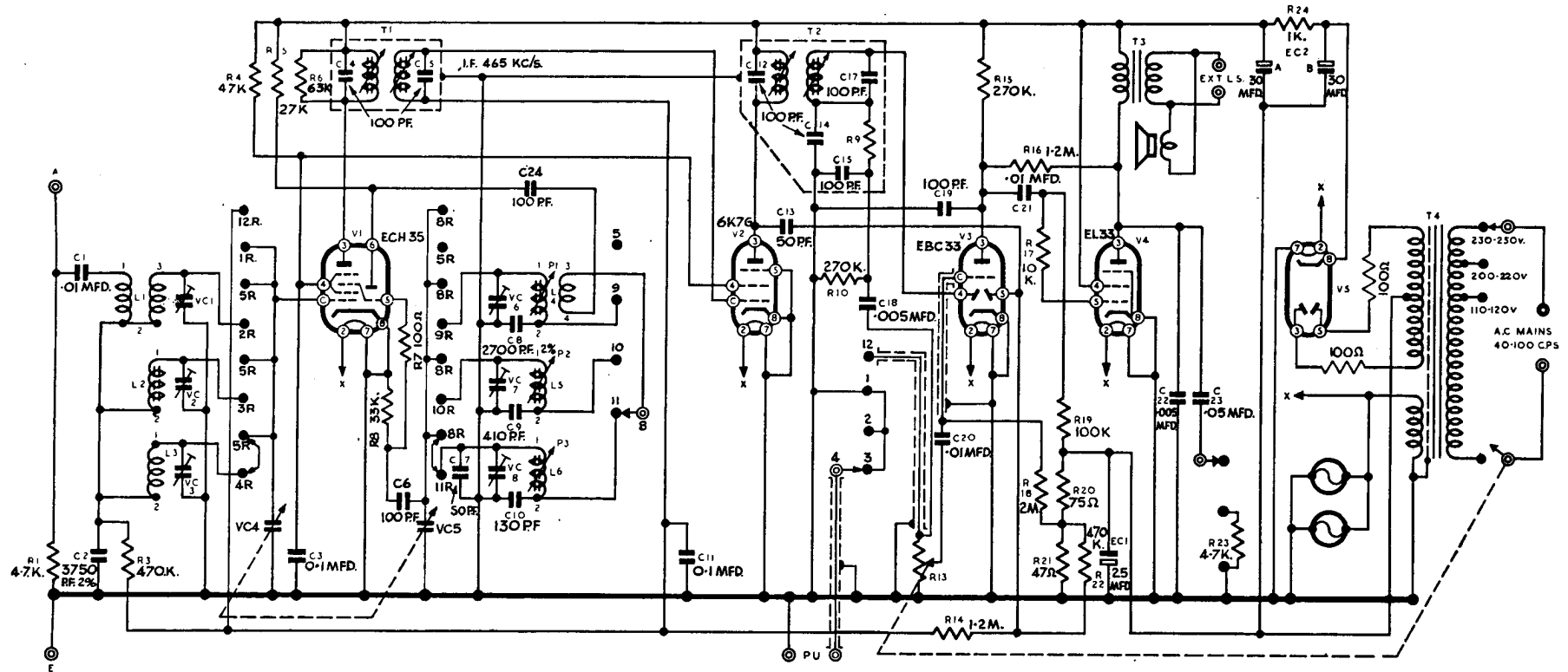
Voltage Checks : Measured on Avo Model 7 testmeter. Chassis negative.

Model ARG359

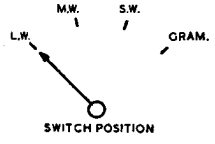
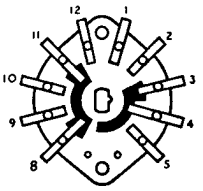
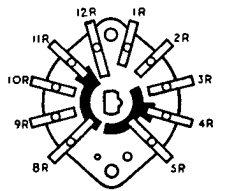
	Anode	Screen	Osc. Anode	Cathode
V1	232 v.	82 v.	80 v. (operative) 45 v. (inoperative)	—
V2	232 v.	81 v.	—	—
V3	45 v.	—	—	—
V4	221 v.	233 v.	—	5.4 v.
V5	278 A.C.	—	—	285 v.

Models ARG359/2 and ARG75

	Anode	Screen	Osc. Anode	Cathode
V1	210 v.	100 v.	60 v. (operative) 45 v. (inoperative)	2 v.
V2	215 v.	100 v.	—	—
V3	50 v.	—	—	1.5 v.
V4	200 v.	210 v.	—	5.76 v.
V5	250 A.C.	—	—	270 v.



REGENTONE



SWITCH POSITION AS SEEN WHEN LOOKING AT REAR UNDERSIDE OF CHASSIS.

CIRCUIT DIAGRAM—REGENTONE MODEL ARG359