

MARCONIPHONE

Model ARG33A

General Description : Five-valve (including rectifier), three-waveband, console auto-radiogramophone for A.C. mains.

Power Supply : A.C. mains, 195–255 volts (tappings 195–215, 216–235 and 236–255 volts), 50 c/s. Consumption 50 watts radio, 65 watts gramophone.

Wavebands : L.W. 900–2000 m.; M.W. 187–557 m.; S.W. 16.5–52 m.

Intermediate Frequency : 470 kc/s.

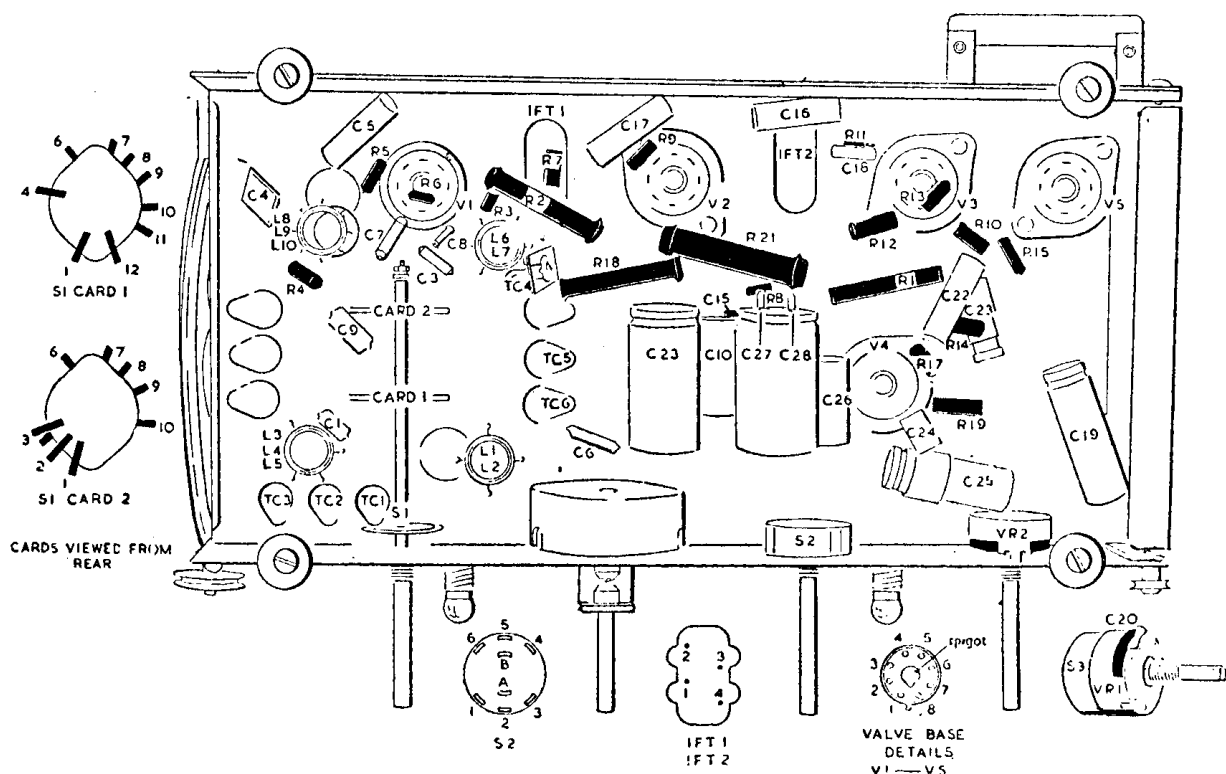
Valves : Marconi. (V1) X148; (V2) W148 or W149; (V3) DH149; (V4) N148; (V5) U149.

Dial Lamps : Two 6.5 volts, 0.3 amp.

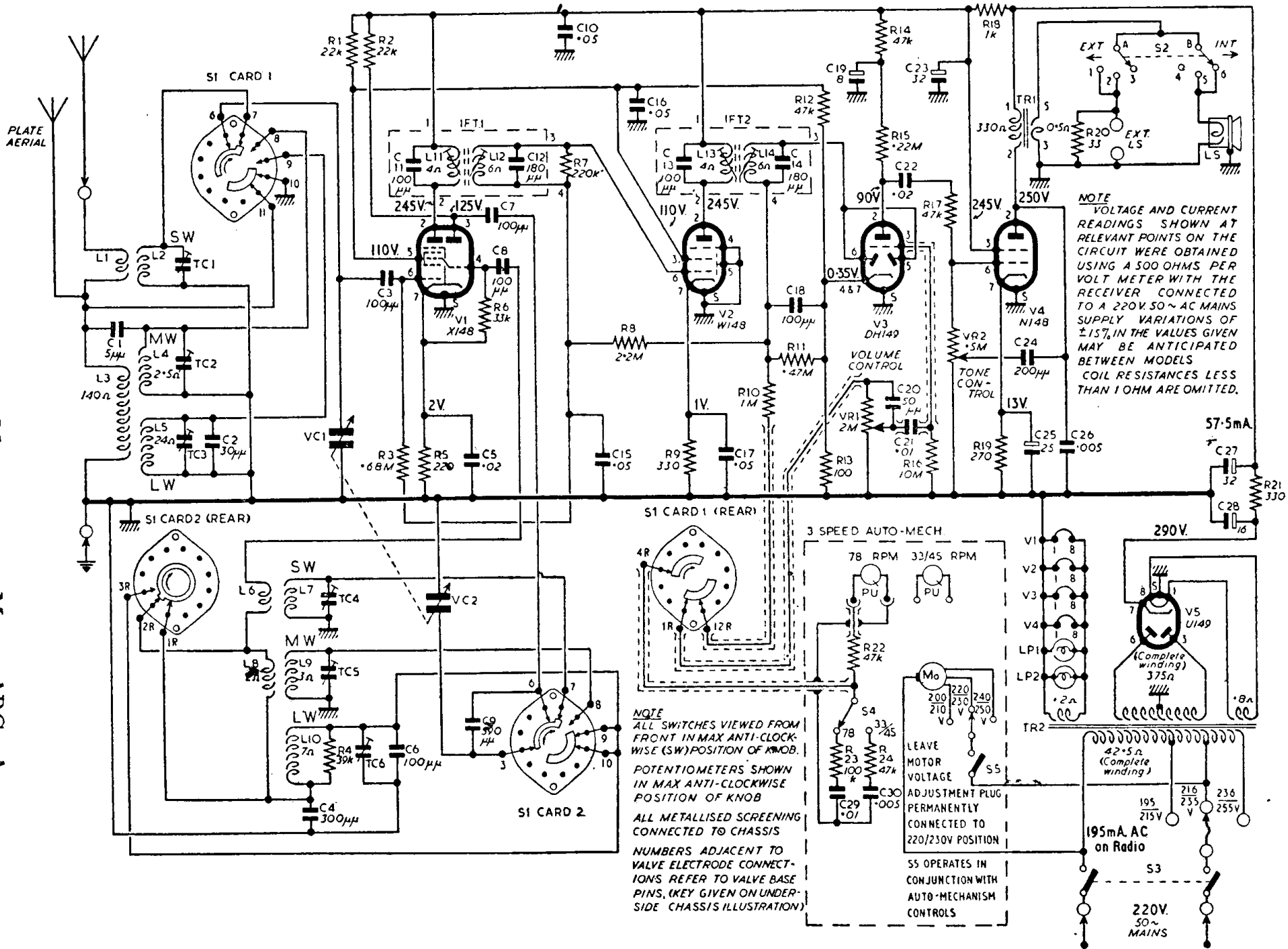
Audio Output : 5 watts maximum to 10-in. permanent-magnet loudspeaker. External loudspeaker sockets intended for loudspeaker with impedance of 5 ohms.

Gramophone Mechanism : Three-speed type 48700A. High-impedance crystal-type employing replaceable stylus. Plug-in heads for 78 and 33/45 r.p.m. Stylus-type Columbia Multiplay 78 and Columbia Multiplay 33/45. Shaded-pole induction-type motor.

Cord Drive : Specified cord 6301 × 0335, approximately 64 in. Two turns around tuning spindle.



UNDER CHASSIS LAY-OUT



NOTE
 VOLTAGE AND CURRENT READINGS SHOWN AT RELEVANT POINTS ON THE CIRCUIT WERE OBTAINED USING A 500 OHMS PER VOLT METER WITH THE RECEIVER CONNECTED TO A 220V. 50~ AC MAINS SUPPLY. VARIATIONS OF ±15% IN THE VALUES GIVEN MAY BE ANTICIPATED BETWEEN MODELS. COIL RESISTANCES LESS THAN 1 OHM ARE OMITTED.