

H.M.V.

Model 1622

General Description: Seven-valve (including rectifier), three-wave-band (including V.H.F.), A.M./F.M. console auto-radiogramophone.

Power Supplies: A.C. mains, 195-255 volts. 50 c/s. only. Consumption, radio 65 watts, gramophone 85 watts.

Intermediate Frequencies: A.M. 470 kc/s.; F.M. 10.7 Mc/s.

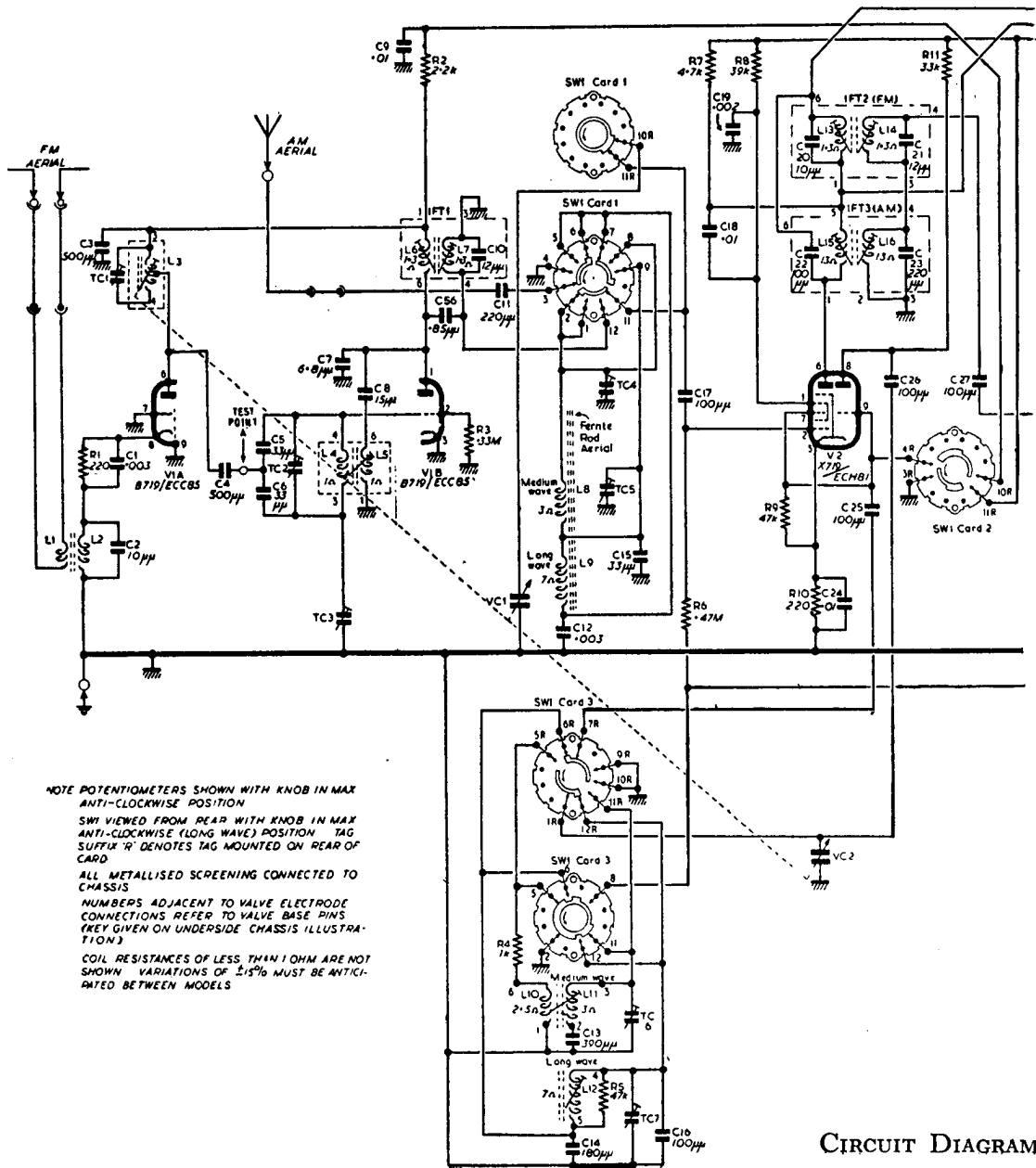
Record Unit: Three-speed automechanism Type 9201OE.

Pick-up: High-impedance crystal type with reversible head. Styli Type A4 78 for 78-r.p.m. records and Type A4 33/45 for microgroove records.

Wavebands: M.W. 187.5-574.6 m.; L.W. 901-2026 m.; F.M. 87.5-100 Mc/s.

Valve		Receiver on F.M.			Receiver on A.M.		
		Anode, volts	Screen, volts	Cathode, volts	Anode, volts	Screen, volts	Cathode, volts
V1A	B719/ECC85	180	—	1.8	—	—	—
V1B	B719/ECC85	180	—	—	—	—	—
V2 (pen. tri.)	X719/ECH81	190	90	2.5	220	85	2
V3	W719/EF85	90	—	2.5	95	—	2
V4	DH719/EABC80	165	85	1.5	185	105	1.5
V5A	HN309	—	—	—	—	—	—
V5B	HN309	70	—	—	75	—	—
V6B	HN309	210	150	9	230	165	10
V6B	HN309	210	150	9	230	165	10

V7 (Rectifier), U709



NOTE POTENTIOMETERS SHOWN WITH KNOB IN MAX ANTI-CLOCKWISE POSITION

SW1 VIEWED FROM REAR WITH KNOB IN MAX ANTI-CLOCKWISE (LONG WAVE) POSITION TAG SUFFIX 'R' DENOTES TAG MOUNTED ON REAR OF CARD

ALL METALLISED SCREENING CONNECTED TO CHASSIS

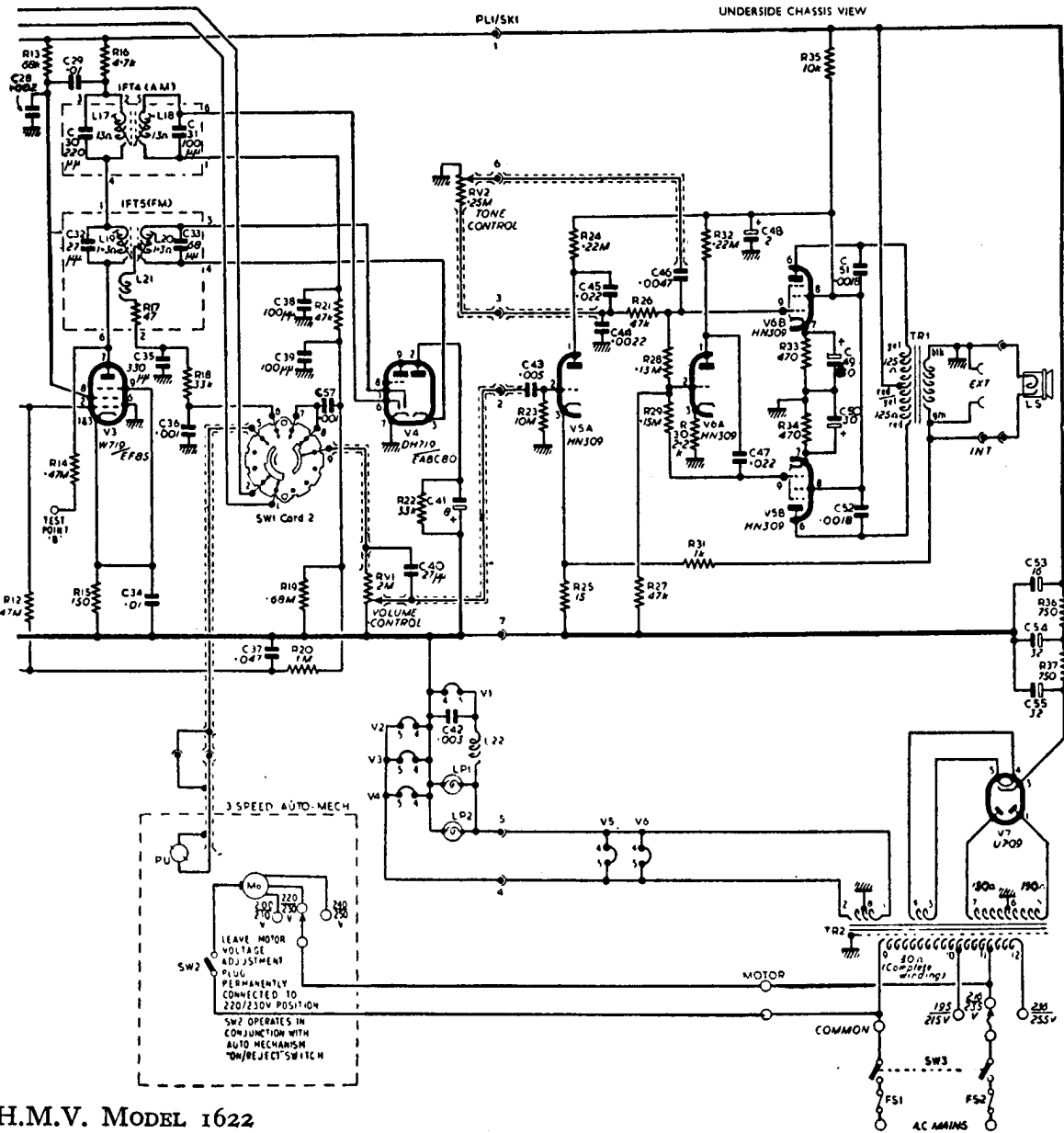
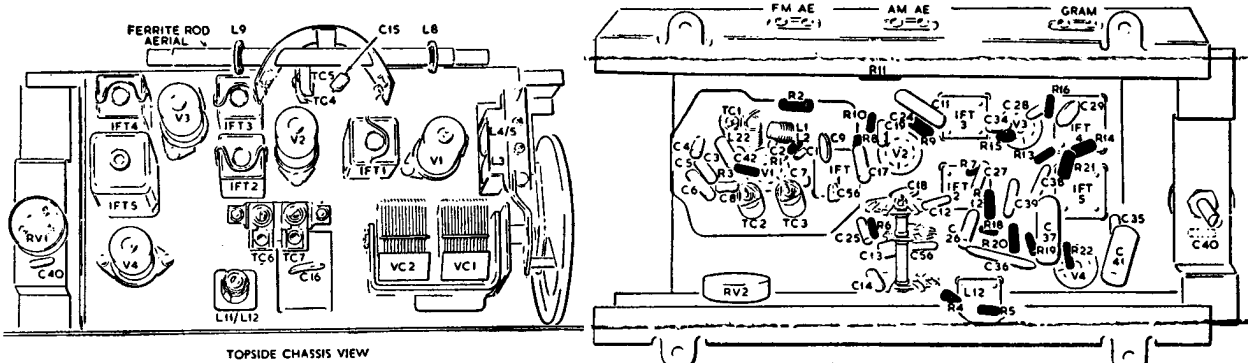
NUMBERS ADJACENT TO VALVE ELECTRODE CONNECTIONS REFER TO VALVE BASE PINS (KEY GIVEN ON UNDERSIDE CHASSIS ILLUSTRATION)

COIL RESISTANCES OF LESS THAN 1 OHM ARE NOT SHOWN VARIATIONS OF ±5% MUST BE ANTICIPATED BETWEEN MODELS

CIRCUIT DIAGRAM—

Modifications: In some later models C₄₂ has been omitted to give improved I.F. stability.

Pilot Lamps: Two 6.8 volts, 0.3 amp.



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