

H.M.V.**Models 1507, 1508**

General Description: Five-valve (including rectifier), three-waveband, portable radiogramophone. These models differ in cabinet design only. Note that the information given here is based on the later version. The early version used a different valve range (see below).

Power Supply: A.C. mains, 195–255 volts (50 c/s.). Consumption (radio) about 40 watts (55 watts on gramophone).

Wavebands: S.W. 16.3–51.7 m.; M.W. 187–575 m.; L.W. 900–2030 m.

Valves: (V₁) X142; (V₂) W142; (V₃) DH142; (V₄) N142; (V₅) U142. Early versions (V₁) X109; (V₂) W107; (V₃) DH107; (V₄) N108; (V₅) U107. The circuit was basically similar, but there were some differences in component values.

Operation	Set Gang Capacitor	Test Oscillator		Adjust for Maximum Output
		Metres	kc/s.	
(1) M.W. . . .	Maximum	575	522	L7
(2)	Almost minimum	187.5	1,602	TC5
(3)	Tune in	510	588	L3
(4)	Tune in	210	1,427	TC2
(5)		Repeat (1) to (4)		
(6) L.W. . . .	Maximum	2030	148	L9
(7)	Almost minimum	901	333	TC6
(8)	Tune in	1852	162	L4
(9)	Tune in	1000	300	TC1
(10)		Repeat (6) to (9)		
(11) S.W. . . .	Maximum	51.7	5,800	L5
(12)	Almost minimum	16.3	18,400	TC4 *
(13)	Tune in	50	6,000	L2
(14)	Tune in	16.85	17,800	TC3
(15)		Repeat (11) to (14)		

* Take care to avoid image channel, i.e., with TC4 adjusted from the underside of the chassis, the first peak from the fully screwed-in position should be taken as being the correct one.

Note: Continual vigorous polishing of the perspex scale cover will cause electro-static action resulting in dust adhering to the inside cover. Owners should be advised to dust cover only lightly. I.C.I. perspex polish No. 3 is recommended where such trouble is encountered. Models may be modified to use new type of cover for easy cleaning of tuning scale and cover.



