

H.M.V.

Model 1373

General Description: Four-valve (including rectifier), two-waveband, small transportable table receiver with printed wiring panel and ferrite-rod aerial.

Power Supplies: A.C./D.C. mains, 200–250 volts, and 40 watts.

Wavebands: M.W. 187–555 m.; L.W. 1083–1910 m.

Valves: (V₁) UCH81; (V₂) UBF89; (V₃) UCL83; (V₄) UY85.

Alignment Procedure: *I.F.:* Switch to M.W., gang to minimum and inject a 470-kc/s. signal via 0.1 μ F. to control grid of V₁ (pin 2). Adjust L₈, L₇, L₆ and L₅ in that order.

R.F.: Check that with gang closed, cursor lies $\frac{1}{8}$ in. below horizontal lines at top of scale. Signals may be injected via closed loop. M.W. circuits must be aligned first.

M.W.: Inject a 580-kc/s. signal, tune to 517 m. (small dot on L.W. scale) and adjust L₄ and aerial-rod ring. Inject a 1460-kc/s. signal, tune to 205 m. (marker dot on L.W. scale) and adjust C₁₂ and C₆. Repeat operations until no further improvement results.

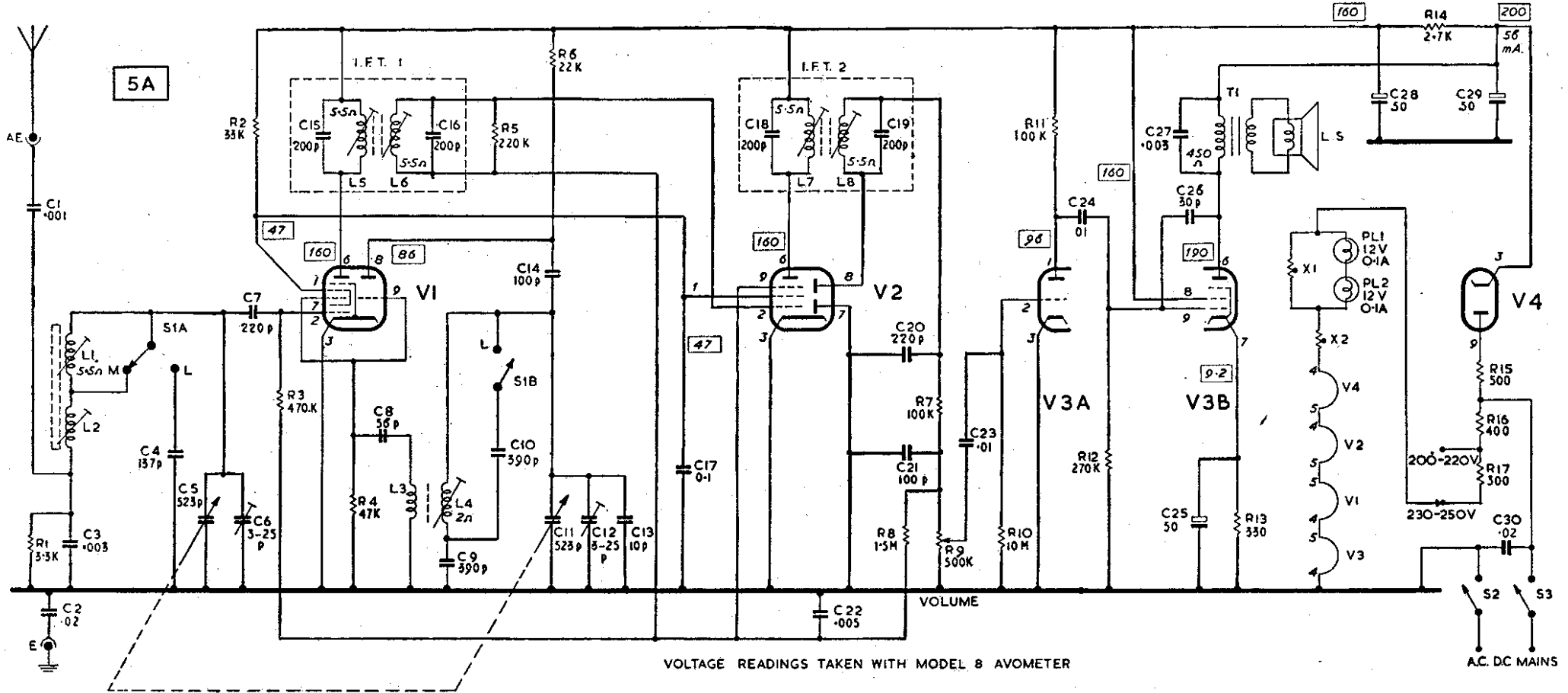
L.W.: Inject a 210-kc/s. signal, tune to signal (approximately 1430 m.) and adjust position of L₁ on rod.

UCH 81

UBF 89

UCL 83

UY 85

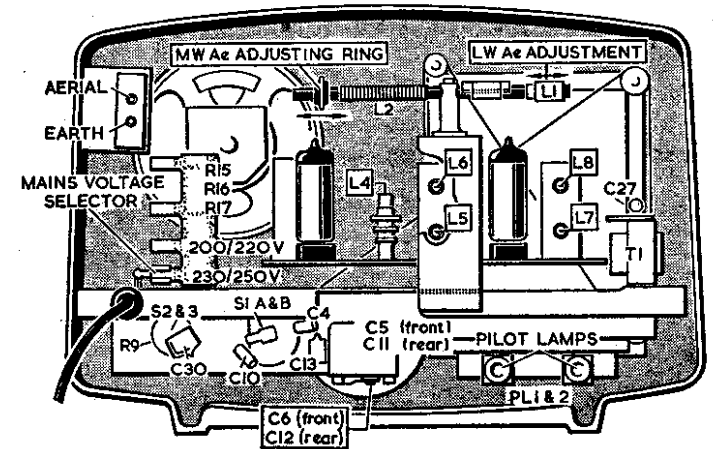


CIRCUIT DIAGRAM AND ALIGNMENT POINTS—H.M.V. MODEL 1373

Component Notes.

- R2, R6, R13 1/2-watt
- R14 1-watt
- R15, R16, R17 wirewound
- R5, R13, R14 10%
- X1, X2 CZ2

- C1 400 v. A.C.
- C2, C30 350 v. A.C.
- C27 600 v.
- C3, C4, C9, C10, C15, C16, C18, C19 2%
- C13 5%
- C25 El. 12 v.
- C28, C29 El. 275 v.



H.M.V.