

H.M.V.

Model 1380

General Description: Four-valve (including rectifier), two-waveband, table radio with ferrite-rod aerial.

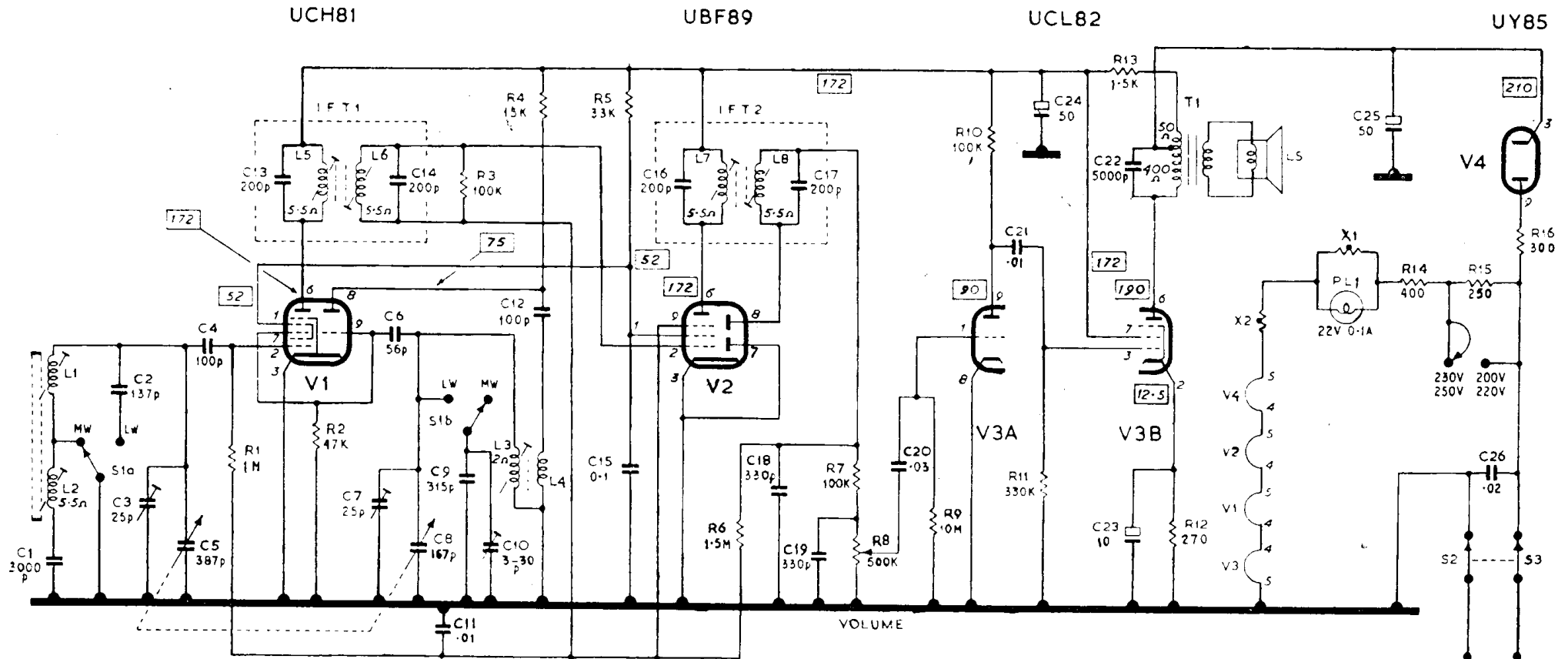
Power Supply: A.C./D.C. mains, 200–250 volts (A.C. 40–60 c/s.). Consumption about 35 watts.

Wavebands: M.W. 180–565 m.; L.W. 1090–1935 m.

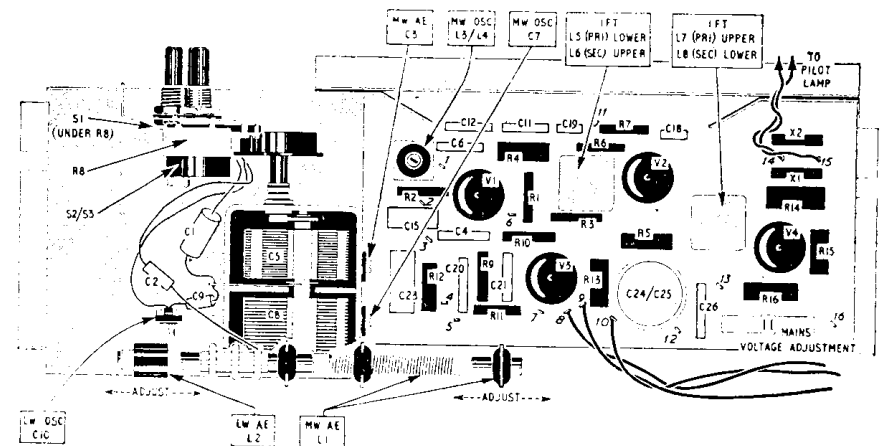
Valves: (V₁) UCH81; (V₂) UBF89; (V₃) UCL82; (V₄) UY85. Typical voltages, measured with 20,000-ohms/volt meter, shown on circuit diagram.

Alignment Procedure: Chassis may be aligned in cabinet. *I.F.:* Set to M.W. with gang fully open. Inject a 470-kc/s. signal via 0.1 μ F. to control grid of V₁ (pin 2). Adjust L₈, L₇, L₆ and L₅. *R.F.:* M.W. must be aligned first. Pad and trim points are provided on scale, with a calibration marker for L.W. Signals should be injected via a loosely coupled loop to rod aerial. Check that with gang fully closed, cursor lies just inside right-hand end of scale windows, adjusting cursor, if necessary, by sliding along drive cord. *M.W.:* Set cursor to pad marker, inject a 580-kc/s. signal and adjust L₃, L₁. Set cursor to trim marker, inject a 1500-kc/s. signal and adjust C₇, C₃. Repeat sequence. *L.W.:* Set to calibration marker, inject a 220-kc/s. signal and adjust C₁₀ and L₂ (C₁₀ not fitted to Sch.A and B models).

Dismantling: Pull off three control knobs and remove cabinet back (four wood-screws and washers). Unsolder connecting leads from output transformer (note colour coding). Remove three chassis-securing screws, one at each end of chassis and the other in top left-hand corner of cabinet. Withdraw chassis from cabinet side grooves.



CIRCUIT AND LAY-OUT DIAGRAMS—
 H.M.V. MODEL 1380 (SCHEDULE C)
 In Schedule A and B models C10 is
 not fitted and C9 is 342 pF.



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