

H.M.V.

Model 1426

General Description: Six-transistor (plus crystal diode), two-waveband, (M.W./L.W.) "cordless" table receiver.

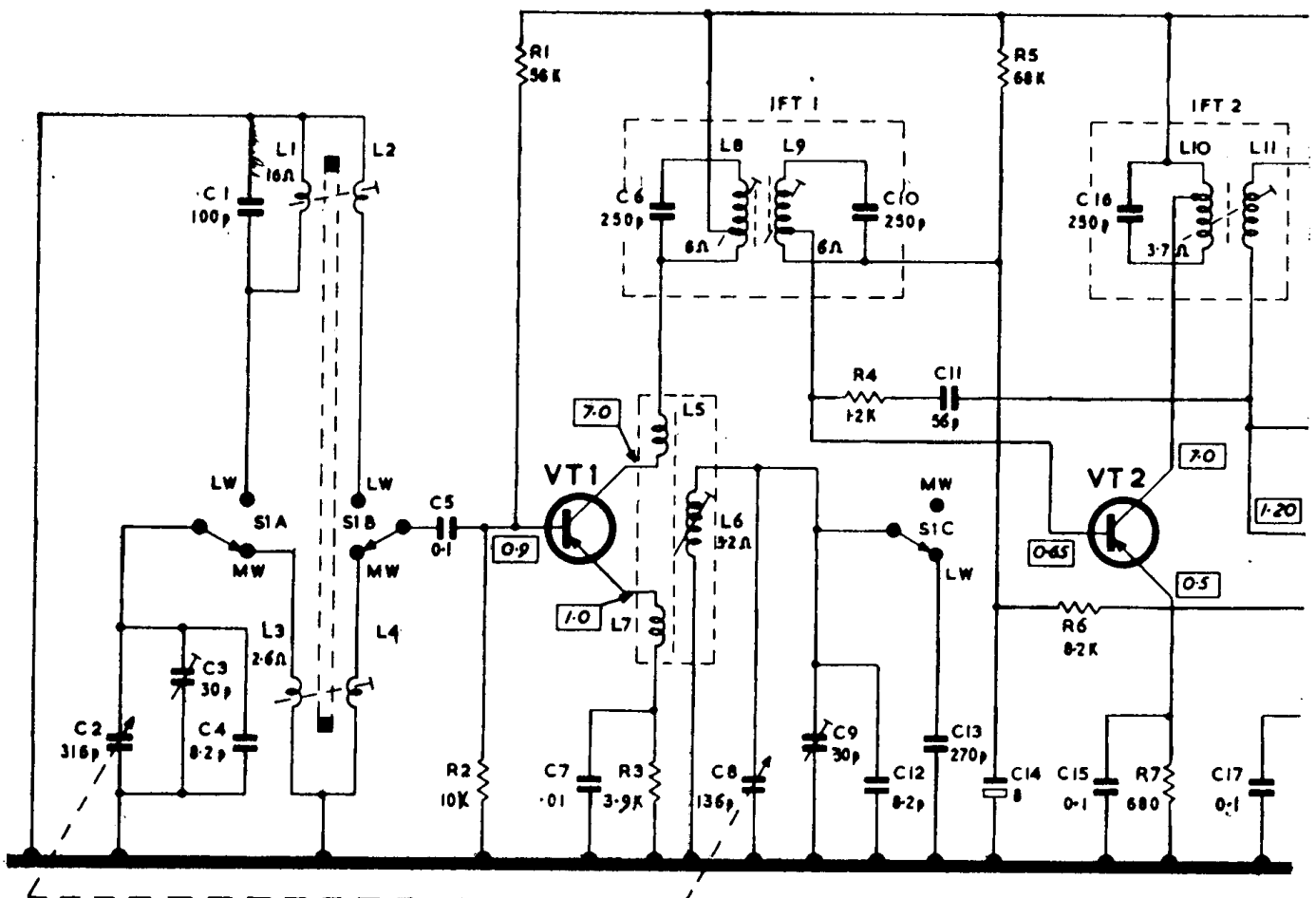
Power Supply: 9-volt battery (DT9, PP9, BB29, TR9 or T6009). No signal consumption about 14 mA. rising to about 50 mA. for 50 mW. output.

Transistors: (VT1) OC44; (VT2) OC45; (VT3) OC45; (VT4) OC81D; (VT5, 6) OC81. Crystal diode (W1) OA70. Typical voltages, measured on 20,000 ohms/volt meter, shown on circuit diagram.

Alignment Procedure: Keep output low during alignment. *I.F.:* Set to M.W. with gang fully open. Inject a 470-kc/s. signal through 0.1 μ F across aerial section of gang. Adjust L12/L13, L10/L11, L9 and L8 and repeat in that order. *R.F.:* M.W. circuits must be aligned first. Inject signals via loosely coupled loop to rod aerial. Calibration points are marked on scale.

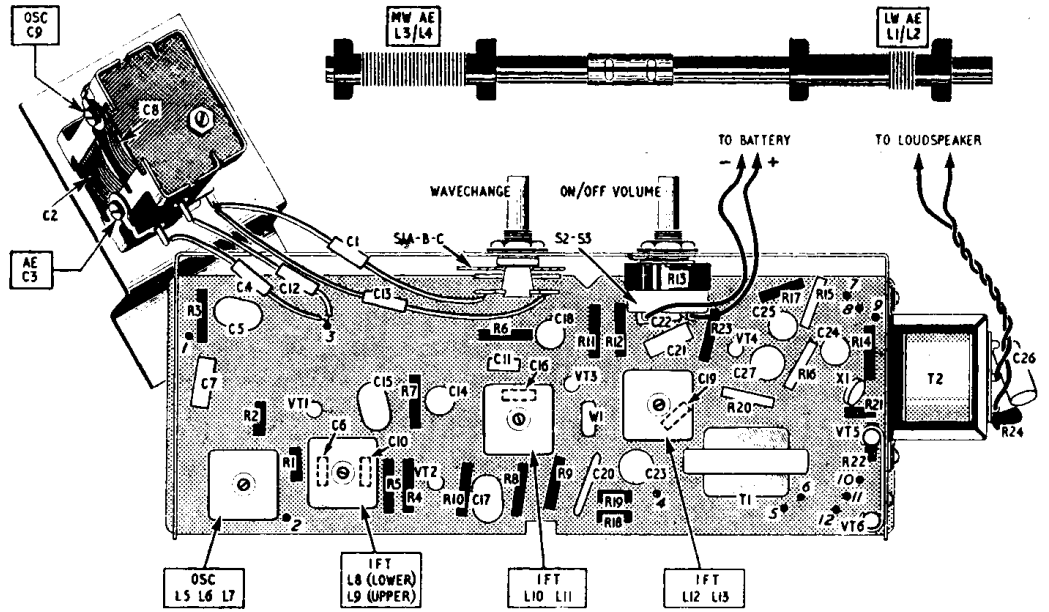
Circuits	Frequency, kc/s.	Cursor Position	Adjust
M.W.	1500	M.W. trim	C9, C3
	600	M.W. pad	L6, L3*
L.W.	220	L.W. trim	L1*

* Adjust by sliding coil along aerial rod.



CIRCUIT DIAGRAM—

Notes: On some models output transformer with R24 and C26 is mounted on loudspeaker. R20 5 per cent., R22 3.3 ohms ± 0.5 ohm. X1 is Varistor type VA1040. C13 1 per cent., C4 and C12 ± 0.5 pF., C11, and C20 5 per cent.



Dismantling: Pull off tuning dial knobs. (To avoid damage to gold trim pieces push knob trim towards cabinet until there is a gap between trim and boss. Loop cord round boss and pull off knob.) Remove cabinet back. Remove three chassis-securing screws: one above and one below tuning gang and one at right-hand end of chassis metalwork. Chassis may now be withdrawn to length of connecting leads, giving access for servicing.

