

PHILIPS

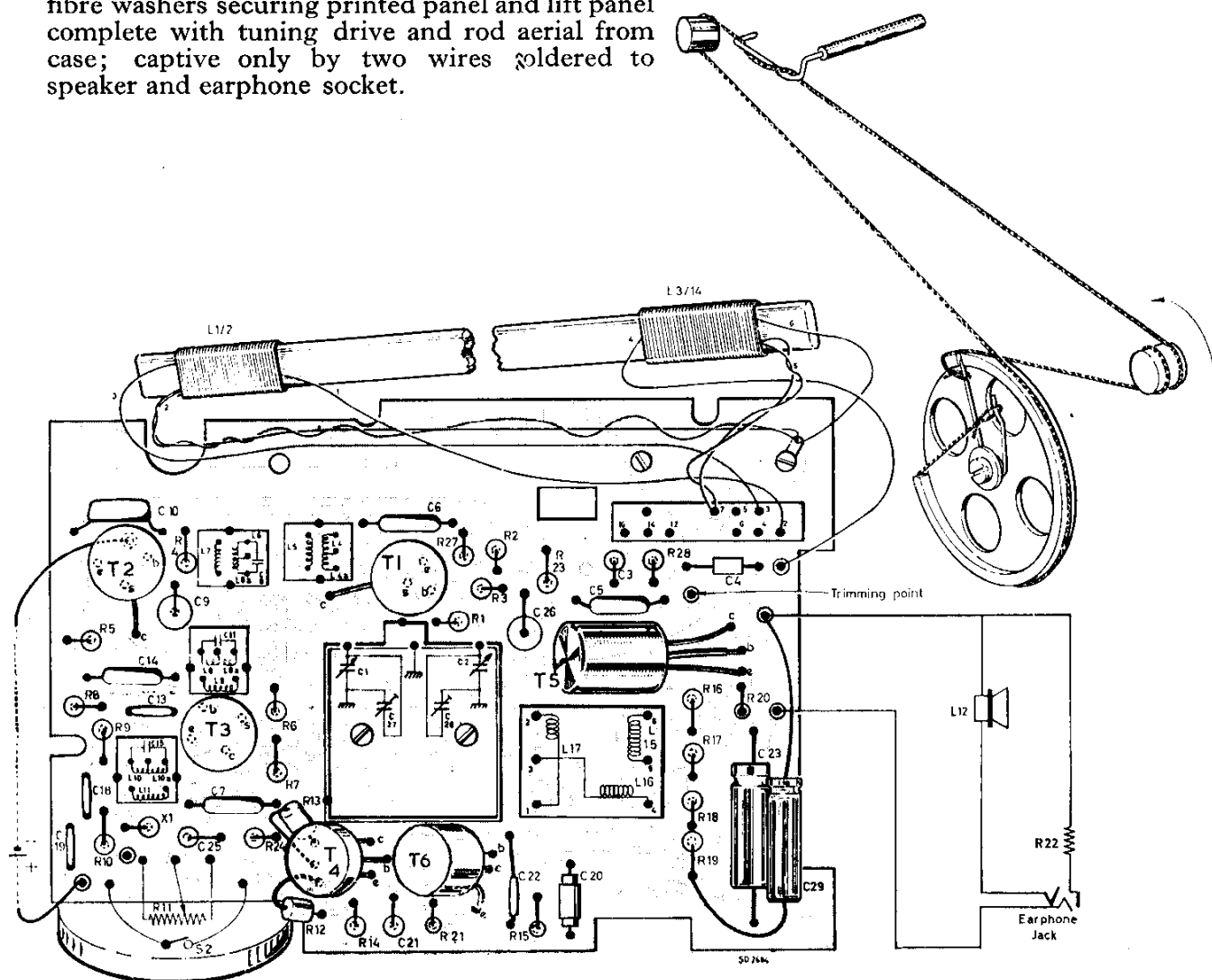
Model L2G37T

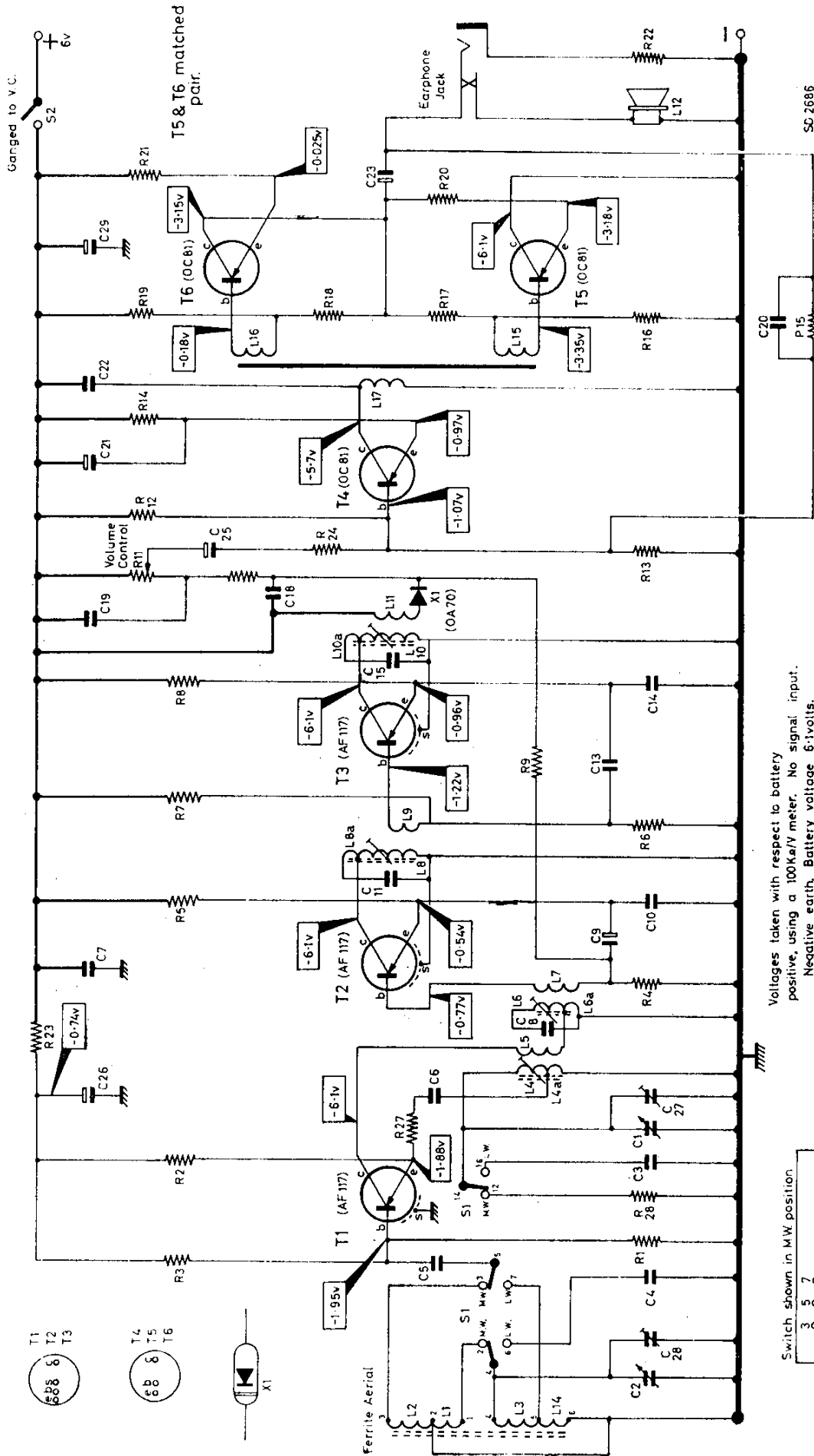
General Description: Six-transistor, M.W./L.W. camera class portable receiver with earphone socket for personal listening (Philips earphone type AF9120/10 suitable). Operation on six volts D.C. (four 1.5 volt cells, U7, V12R or equivalent), no-signal consumption 9–15 mA. Also known as **Model 237T**.

Semiconductors: (T1) AF117; (T2) AF117; (T3) AF117; (T4) OC81; (T5, T6) OC81; (X1) OA70.

Alignment: I.F. 470 kc/s. (L10, L8, L6); Oscillator: 148 kc/s. (L4); 1635 kc/s. (C27); Aerial: 190 kc/s. (L3/L14); 525 kc/s. (L1/L2); 1300 kc/s. (C28).

Dismantling: Sliding cover in base gives access to battery compartment. To uncase completely, remove battery cover, take out batteries, battery instruction label and foam pad. Slack off ($\frac{1}{8}$ in. approximately) the only two screws visible, press in screw heads to release clamping brackets; then with set lying face uppermost, gently separate two halves of case. Component side of printed panel is now accessible. Remove for safe keeping carrying strap fixing studs, case clamping brackets and battery link. For access to underside of panel, first unscrew fixing nut of earphone socket to release station scale with escutcheon. Next slacken off two aerial rod support screws and swivel end of rod carrying M.W. aerial winding clear of screw head below windings. Then taking great care not to damage L1/L2 remove two screws securing tuning pointer drive bracket to case. Finally, remove two screws with fibre washers securing printed panel and lift panel complete with tuning drive and rod aerial from case; captive only by two wires soldered to speaker and earphone socket.





CIRCUIT DIAGRAM—PHILIPS MODEL L2G37T

Capacitors.		C13	10,000 pF.	C25	3.2 μ F.	R4	82k	R12	10k	R20*	3.3
C3	154 pF.	C14	47,000 pF.	C26	20 μ F.	R5	470	R13	47k	R21*	3.3
C4	56 pF.	C18	10,000 pF.	C29	200 μ F.	R6	15k	R14	470	R22	3.3k
C5	10,000 pF.	C19	10,000 pF.			R7	3.9k	R15	0.39M	R23	560
C6	22,000 pF.	C20	82 pF.	Resistors.		R8	1k	R16	1.5k	R24	820
C7	47,000 pF.	C21	32 μ F.	R1	22k	R9	12k	R17	100	R27	56
C9	32 μ F.	C22	10,000 pF.	R2	1k	R10	470	R18	1.5k	R28	0.18M
C10	47,000 pF.	C23	200 μ F.	R3	6.8k	R11	5k	R19	100		* Some models 4.7 ohms