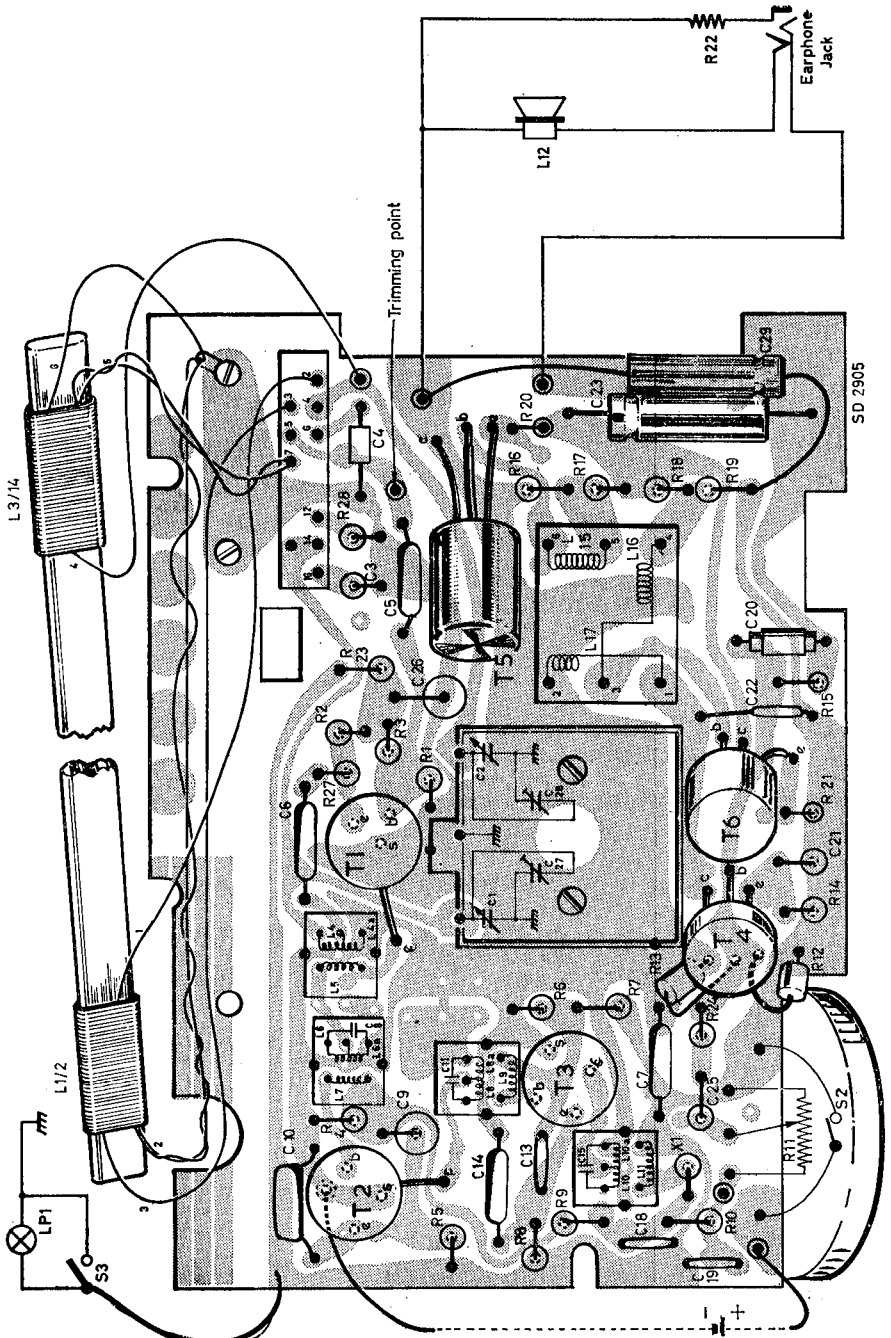


General Description: Six-transistor, M.W./L.W. portable receiver. 6-volt battery (4×1.5 -volt cells. LPU11 or equivalent). Consumption 9-15 mA.

Semi-conductors: (T₁, T₂, T₃) AF117; (T₄) OC81D; (T₅, T₆) OC81; (X₁) OA70.

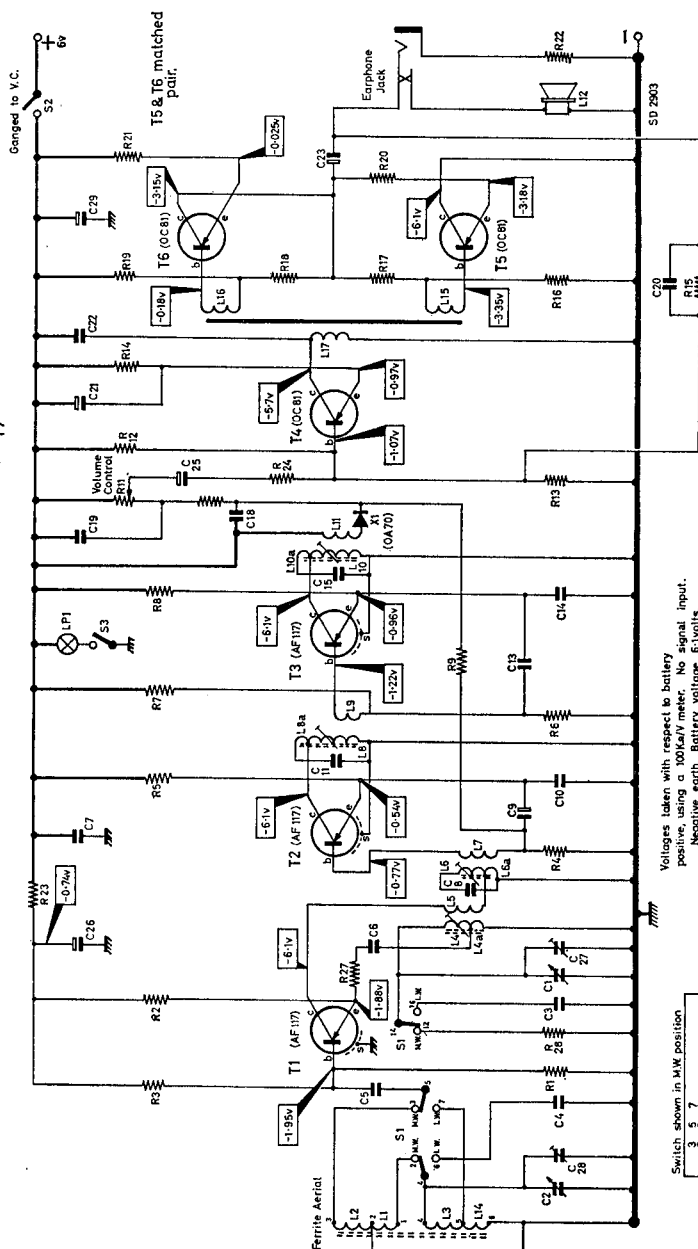
Alignment: I.F. 470 kc/s. (L₁₀, L₈, L₆); L.W. 148 kc/s. (L₄); 190 kc/s. (L₃/L₁₄); M.W. 1630 kc/s. (C₂₇); 525 kc/s. (L₁/L₂); 1300 kc/s. (28).

Dismantling: To uncase, remove battery cover. Then take out batteries. Slacken off the two screws one either side of battery compartment and press down screw heads to release brackets clamping the case together. Lay receiver, loudspeaker grille down, then ease and raise back half of case to a vertical position hinging on the station scale. The component side of the printed panel is now accessible. For access to underside of printed panel and to tuning drive, unscrew fixing nut of earphone plug socket, then ease station scale hinge-wise to free retaining lugs from front half of case. Remove the four screws securing tuning drive bracket and printed panel to front half of case and lift assembly from casing, captive only by the battery and loudspeaker connecting leads which may now be unsoldered.

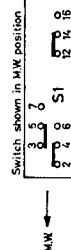


COMPONENT LAY-OUT

CIRCUIT DIAGRAM OF PHILIPS MODEL L2G47T



Voltages taken with respect to battery positive, using a 100k Ω /meter. No signal input. Negative earth. Battery voltage 6 volts.



Capacitors.

C3	154 pF.
C4	56 pF.
C5	10,000 pF.
C6	22,000 pF.
C7	47,000 pF.
C8	150 pF.
C9	40 μ F.
C10	47,000 pF.
C11	150 pF.
C12	10,000 pF.
C13	10,000 pF.
C14	47,000 pF.
C15	150 pF.
C16	25 μ F.
C17	10,000 pF.
C18	10,000 pF.
C19	10,000 pF.
C20	82 pF.
C21	80 μ F.
C22	10,000 pF.
C23	200 μ F.
C24	6.4 μ F.
C25	25 μ F.
C26	200 μ F.
C27	25 μ F.
C28	25 μ F.
C29	25 μ F.
C30	25 μ F.
C31	25 μ F.
C32	25 μ F.
C33	25 μ F.
C34	25 μ F.
C35	25 μ F.
C36	25 μ F.
C37	25 μ F.
C38	25 μ F.
C39	25 μ F.
C40	25 μ F.
C41	25 μ F.
C42	25 μ F.
C43	25 μ F.
C44	25 μ F.
C45	25 μ F.
C46	25 μ F.
C47	25 μ F.
C48	25 μ F.
C49	25 μ F.
C50	25 μ F.
C51	25 μ F.
C52	25 μ F.
C53	25 μ F.
C54	25 μ F.
C55	25 μ F.
C56	25 μ F.
C57	25 μ F.
C58	25 μ F.
C59	25 μ F.
C60	25 μ F.
C61	25 μ F.
C62	25 μ F.
C63	25 μ F.
C64	25 μ F.
C65	25 μ F.
C66	25 μ F.
C67	25 μ F.
C68	25 μ F.
C69	25 μ F.
C70	25 μ F.
C71	25 μ F.
C72	25 μ F.
C73	25 μ F.
C74	25 μ F.
C75	25 μ F.
C76	25 μ F.
C77	25 μ F.
C78	25 μ F.
C79	25 μ F.
C80	25 μ F.
C81	25 μ F.
C82	25 μ F.
C83	25 μ F.
C84	25 μ F.
C85	25 μ F.
C86	25 μ F.
C87	25 μ F.
C88	25 μ F.
C89	25 μ F.
C90	25 μ F.
C91	25 μ F.
C92	25 μ F.
C93	25 μ F.
C94	25 μ F.
C95	25 μ F.
C96	25 μ F.
C97	25 μ F.
C98	25 μ F.
C99	25 μ F.
C100	25 μ F.

Resistors.

R1	22,000
R2	1,000
R3	6,800
R4	82,000
R5	470
R6	15,000
R7	3,900
R8	1,000
R9	12,000
R10	470
R11	5,000
R12	10,000
R13	47,000
R14	470
R15	0.39M
R16	1,500
R17	100
R18	1,500
R19	100
R20	4.7
R21*	10,000
R22	3,300
R23	560
R24	820
R25	56
R26	0.18M
R27	56
R28	0.18M
R29	56
R30	0.18M
R31	56
R32	0.18M
R33	56
R34	0.18M
R35	56
R36	0.18M
R37	56
R38	0.18M
R39	56
R40	0.18M
R41	56
R42	0.18M
R43	56
R44	0.18M
R45	56
R46	0.18M
R47	56
R48	0.18M
R49	56
R50	0.18M
R51	56
R52	0.18M
R53	56
R54	0.18M
R55	56
R56	0.18M
R57	56
R58	0.18M
R59	56
R60	0.18M
R61	56
R62	0.18M
R63	56
R64	0.18M
R65	56
R66	0.18M
R67	56
R68	0.18M
R69	56
R70	0.18M
R71	56
R72	0.18M
R73	56
R74	0.18M
R75	56
R76	0.18M
R77	56
R78	0.18M
R79	56
R80	0.18M
R81	56
R82	0.18M
R83	56
R84	0.18M
R85	56
R86	0.18M
R87	56
R88	0.18M
R89	56
R90	0.18M
R91	56
R92	0.18M
R93	56
R94	0.18M
R95	56
R96	0.18M
R97	56
R98	0.18M
R99	56
R100	0.18M

* Some sets 3.3.