

General Description: Seven-transistor (plus two crystal diodes), two-waveband receiver designed for portable and car use. A mounting case into which the receiver can be locked is permanently installed in the vehicle. Known also as **Model 392T**.

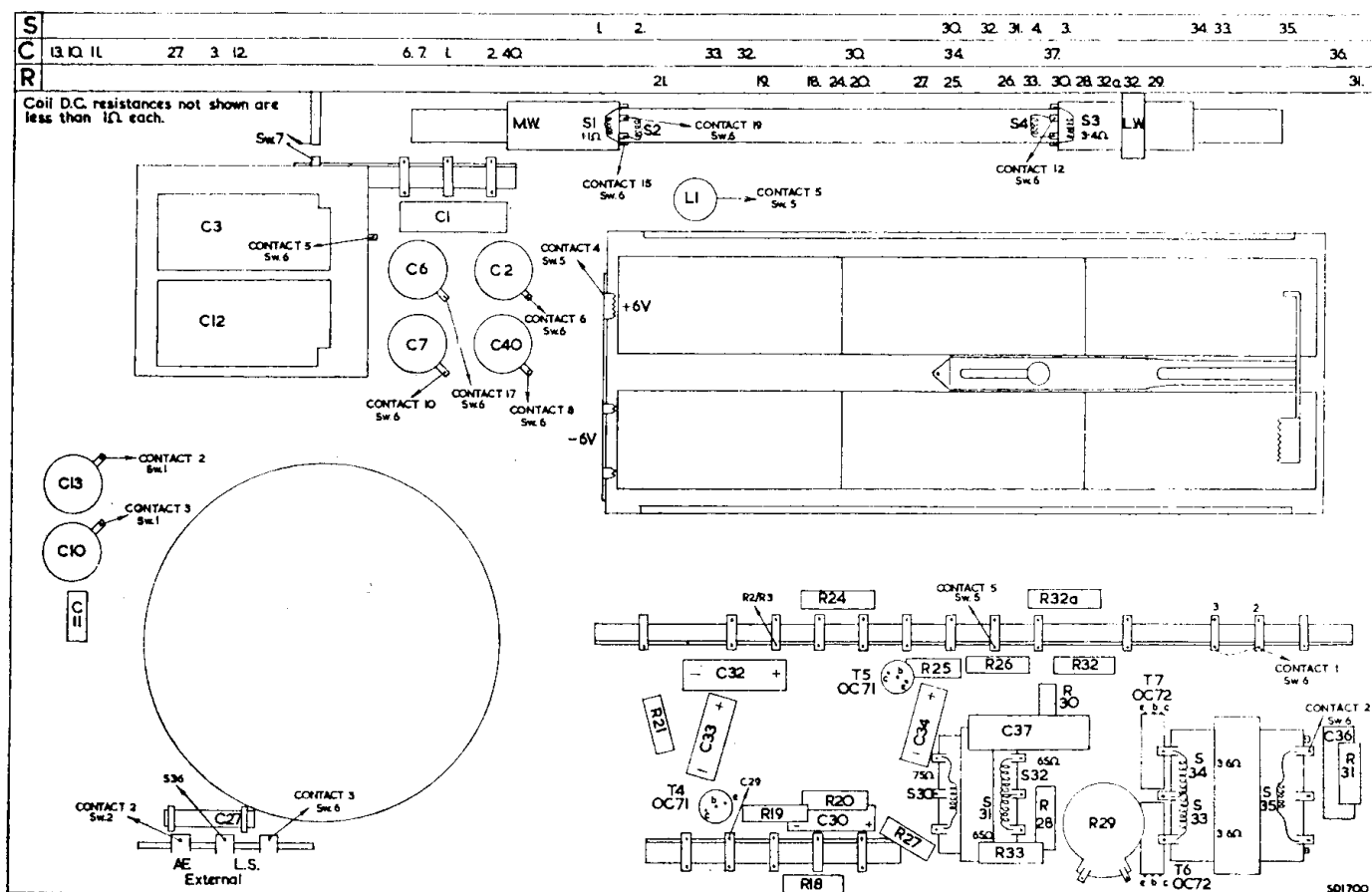
Power Supply: 6-volt batteries (four U2, V0002 or equivalent). No-signal consumption about 14 mA.

Wavebands: M.W. 185–580 m.; L.W. 1154–2000 m.

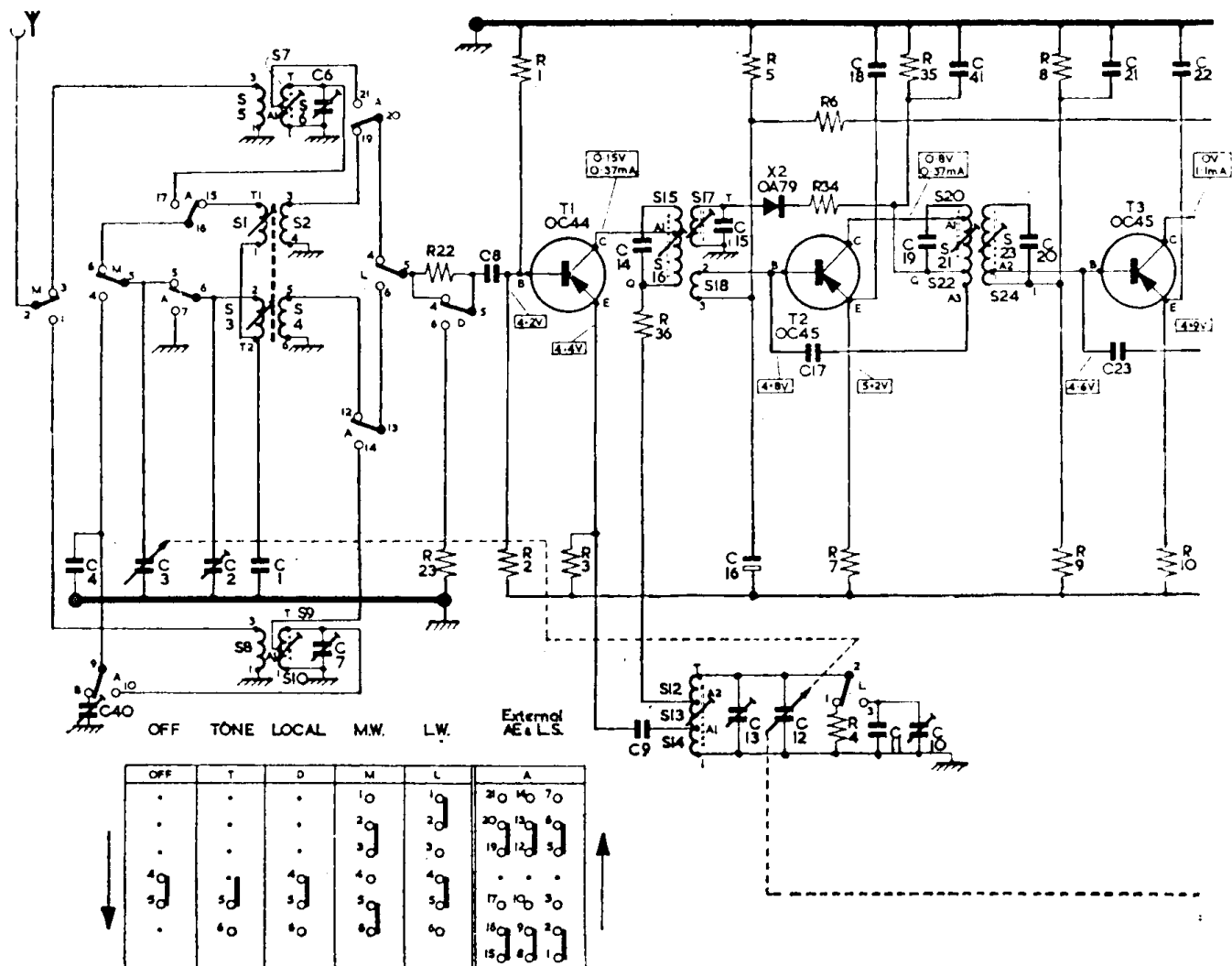
Transistors: (T1) OC44; (T2) OC45; (T3) OC45; (T4) OC71; (T5) OC71; (T6, 7) OC72. Diodes (X1) OA79; (X2) OA79 or OA85 (A.G.C. damping diode).

I.F. and Trimming Frequencies: I.F. 470 kc/s. M.W. 512 kc/s.; 550 kc/s.; 1500 kc/s.; 1630 kc/s. L.W. 157 kc/s.; 260 kc/s.

Dismantling: Separate two halves of carrying handle and slip them into recesses in case. Pull off two knobs. Remove station scale (two screws). Remove two screws securing upper section of case, slide case forward and lift off. To take chassis from lower section of case, remove two screws covered by insulation tape and brass hexagonal nut and washers at rear of chassis, and lift chassis out of case. When operating receiver uncased



COMPONENT LAY-OUT—PHILIPS MODEL NL3X92T



batteries can be retained in holder with insulation tape. When re-assembling note that top section of case is fitted by placing it on top of lower section, then sliding it backwards the last $\frac{1}{4}$ in. so that projecting lugs and lips at rear of two sections engage. While this is being done ensure that pointer is inside top section, and plastic stud on end of rod operating Sw. A. is tucked inside case.

Capacitors.		Resistors.	
C1	3,000 pF. (5%)	R1	56k (5%)
C2	3-30 pF.	R2	15k (5%)
C4	118 pF. (1%)	R3	2.2k (5%)
C6	3-30 pF.	R4	100k
C7	3-30 pF.	R5	150k (5%)
C8	0.047 (10%)	R6	10k (5%)
C9	10,000 pF.	R7	680 (5%)
C10	3-30 pF.	R8	22k (5%)
C11	300 pF.	R9	3.9k (5%)
C13	3-30 pF.	R10	560 (5%)
C16	4 (64 v.)	R11	12k (5%)
C17	33 pF. (10%)	R12	390 (5%)
C18	0.1 (10%)	R13	22k
C21	0.1	R14	4k + 16k (log.)
C22	0.1	R17	2.2k
C23	33 pF. (10%)	R18	10k (5%)
		R19	47k (5%)
		R20	1k (5%)
		R21	4.7k (5%)
		R22	470
		R23	47
		R24	4.7k (5%)
		R25	150
		R26	270
		R27	5.6k
		R28	1k
		R29	2k (pre-set)
		R30	56 (5%)
		R31	22k
		R32	10 (5%)
		R32A	10 (5%)
		R33	150
		R34	10k
		R35	2.2k
		R36	270

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