

PHILIPS

Model L2G32T

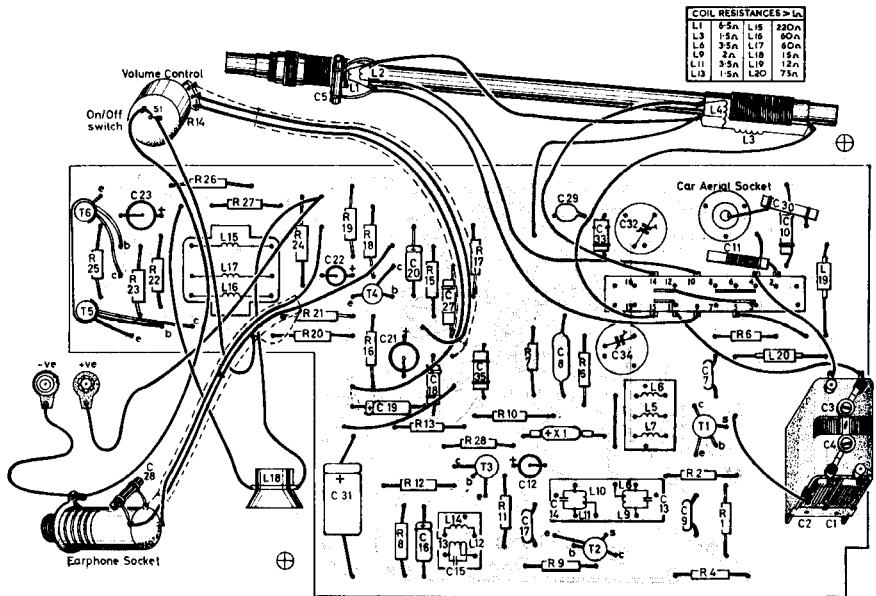
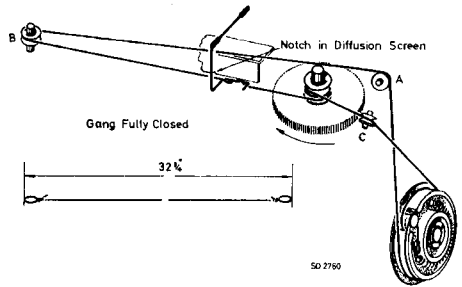
General Description: Six-transistor portable receiver for operation from 9-volt battery (PP7, VT7 or equivalent). No-signal consumption about 15 mA. Also known as **Model 232T**.

Wavebands: L.W. 1215-2000 m.; M.W. 200-535 m.; Bandsread 180-214 m.

Semiconductors: (T1) AF117; (T2) AF117; (T3) OC71 (detector); (T4) OC81D; (T5, T6) OC81; (X1) OA79 (A.G.C. damping diode).

Alignment: I.F. 470 kc/s. (L13, L10, L9); M.W. 535 kc/s. (L6); 1500 kc/s. (C4); 600 kc/s. (L3); 1300 kc/s. (C3); L.W. 145 kc/s. (C11); 190 kc/s. (L1); B.S. 1400 kc/s. (C32); 1438 kc/s. (C34).

Drive Cord: Make up new cord as shown. Turn tuning drum to fully clockwise position, then hook one end of cord through tension spring. Lead cord clockwise round drum one turn, keeping tension spring fully extended, then pass up to pulley A. Lead cord across to pulley B then back to tuning knob. Wind cord two turns anti-clockwise round knob, then pass over pulley C, half-turn clockwise round tuning drum and hook cord end over tension spring. Allow tension spring to take up any slackness in cord, then check that no slipping occurs when tuning knob rotated. Align pointer over notch in diffusion screen with knob fully anti-clockwise.



CIRCUIT DIAGRAM—
PHILIPS MODEL
L2G32T

- Capacitors.
- C5 56 pF.
 - C7 10,000 pF.
 - C8 18,000 pF.
 - C9 10 μF.
 - C10 0.1 μF.
 - C11 180 pF.
 - C12 100 pF.
 - C12 25 μF. (max.)
 - C12 100 μF.
 - C13 200 pF.
 - C14 200 pF.
 - C15 91 pF.
 - C16 10 μF.
 - C17 0.1 μF.
 - C18 3,900 pF.
 - C19 4 μF.
 - C20 4 μF.
 - C21 100 μF.
 - C22 80 μF.
 - C23 160 μF.
 - C27 47,000 pF.
 - C28 10,000 pF.
 - C29 3 pF.
 - C30 10,000 pF.
 - C31 640 μF.
 - C32 3-30 pF.
 - C33 18 pF.
 - C34 8,200 pF.
 - C35 3,900 pF.
 - C35*

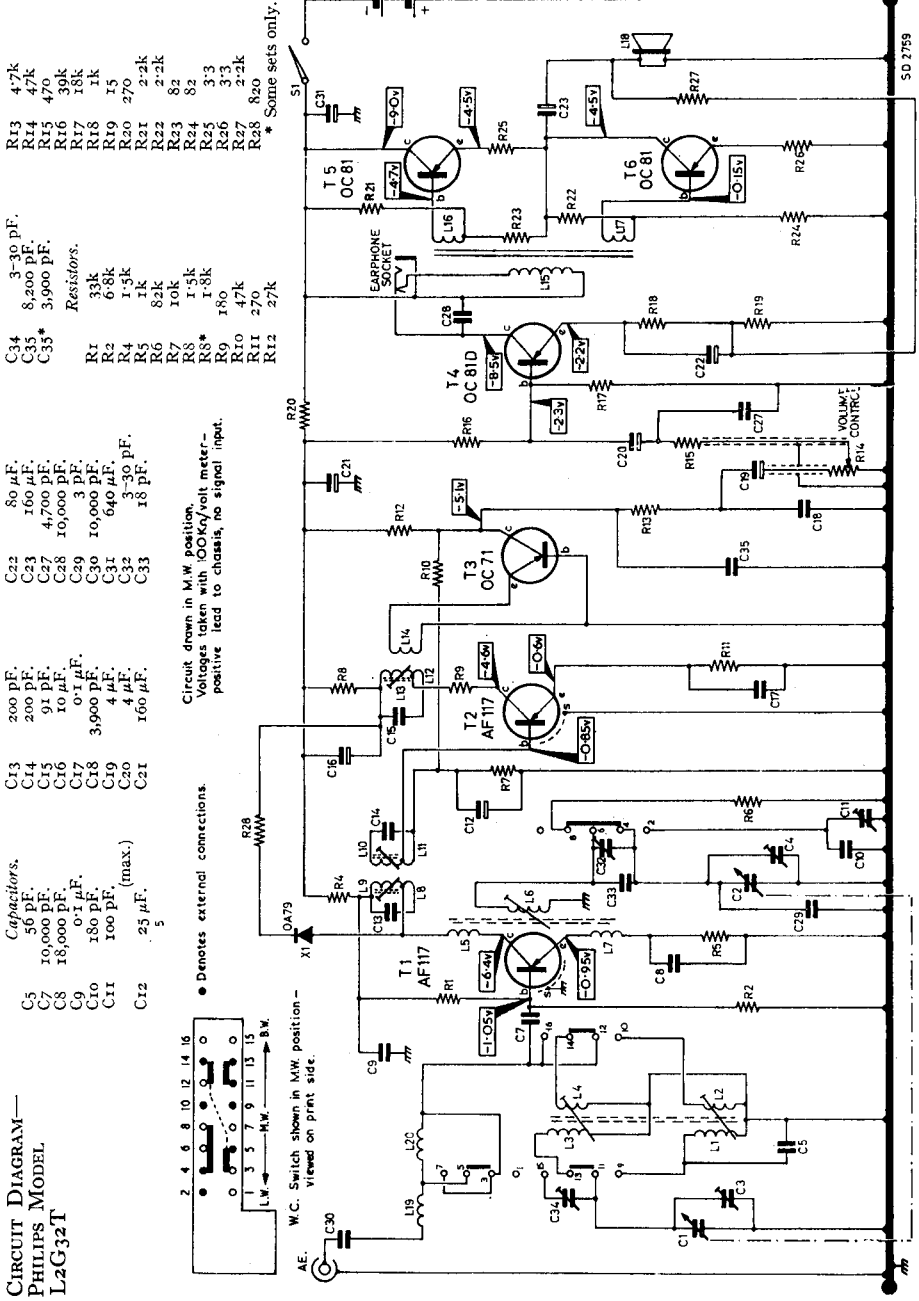
- Resistors.
- R1 33k
 - R2 6.8k
 - R4 1.5k
 - R5 1k
 - R6 82k
 - R7 10k
 - R8 1.5k
 - R8* 1.5k
 - R9 180
 - R10 47k
 - R11 270
 - R12 27k
 - R13 47k
 - R14 47k
 - R15 470
 - R16 39k
 - R17 18k
 - R18 1k
 - R19 15
 - R20 270
 - R21 2.2k
 - R22 2.2k
 - R23 82
 - R24 82
 - R25 33
 - R26 33
 - R27 2.2k
 - R28 820



Circuit drawn in MW position.
Values may vary with B.O.K./unit meter—
positive lead to chassis, no signal input.

● Denotes external connections.

W.C. Switch shown in MW position—
viewed on print side.



SD 2789