

PHILIPS

Model L2G2IT

General Description: Six-transistor (plus diode), two-waveband portable receiver with sockets for car aerial and earpiece. A transistor detector (T_3) with crystal diode (X_1) A.G.C. rectifier. Also known as **Model 221T**.

Power Supply: 9-volt battery (PP7 or equivalent). No-signal consumption about 18 mA.

Wavebands: M.W. 187-555m.; L.W. 1215-2000 m.

Transistors: ($T_1, 2$) AF117; (T_3) OC71; (T_4) OC81D; ($T_5, 6$) matched OC81. Diode (X_1) OA70.

Alignment Frequencies: I.F. 470 kc/s. ($L_{12/13}, L_{10/11}, L_8/9$). M.W. 537 kc/s. ($L_5/6/7$); 1610 kc/s. (C_4); 623 kc/s. ($L_3/4$); 1400 kc/s. (C_3). L.W. 145.5 kc/s. (C_{11}); 180 kc/s. (L_1/L_2).

Dismantling: *To release chassis.* Place set face up on soft surface, pull off tuning knob and release pointer by springing apart retaining collar with screwdriver. Turn set over, release two captive screws and remove back. Withdraw chassis retaining screws (2) and turn chassis over towards handle. *To replace chassis.* Turn gang to maximum and align lever of wavechange control to operating arm on W/C switch. Turn chassis over into position and replace fixing screws. Place pointer on tuning spindle with arms parallel to cabinet top edge, then push it down to lower section of shaft. Fit tuning knob, battery and cabinet back.



