

FIG. 1 CIRCUIT DIAGRAM

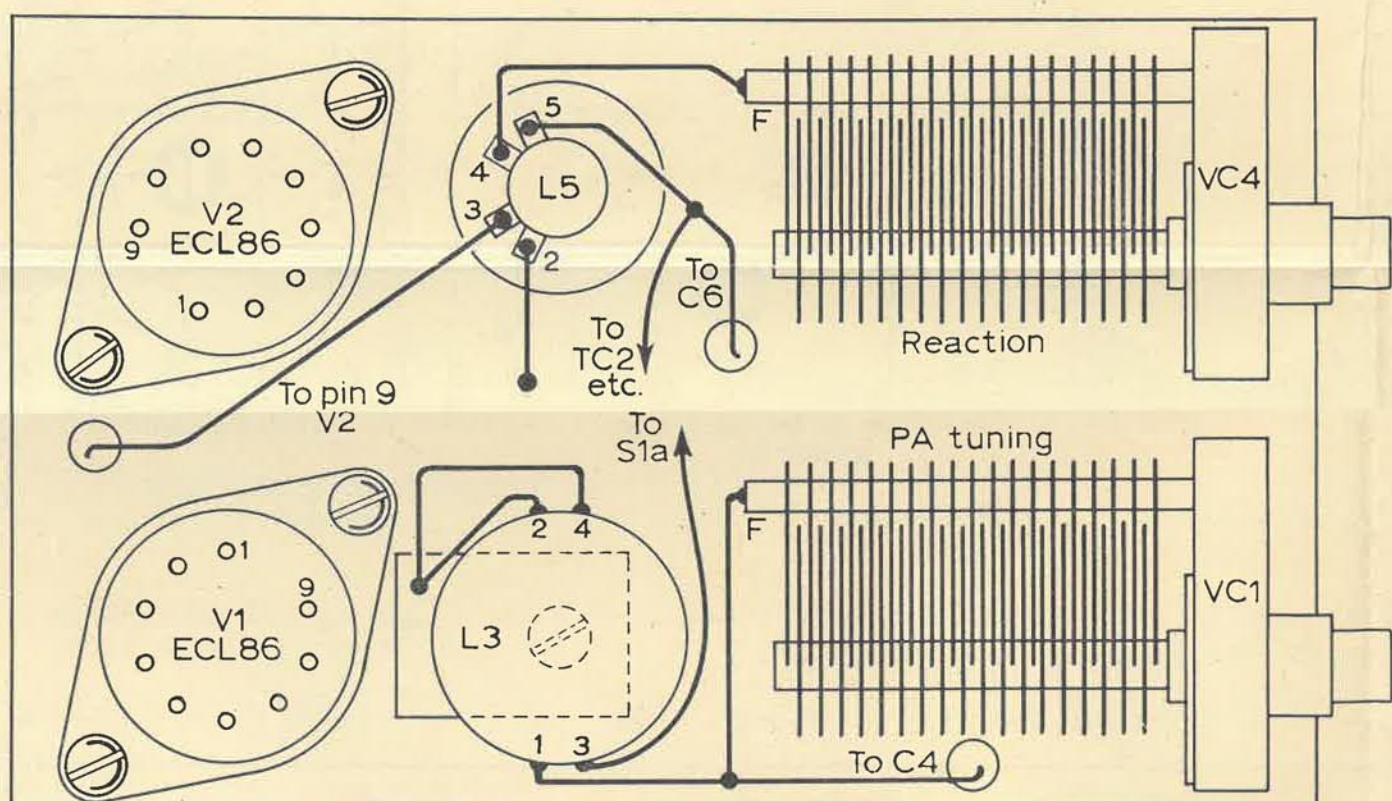


FIG. 2 TOP VIEW OF CHASSIS

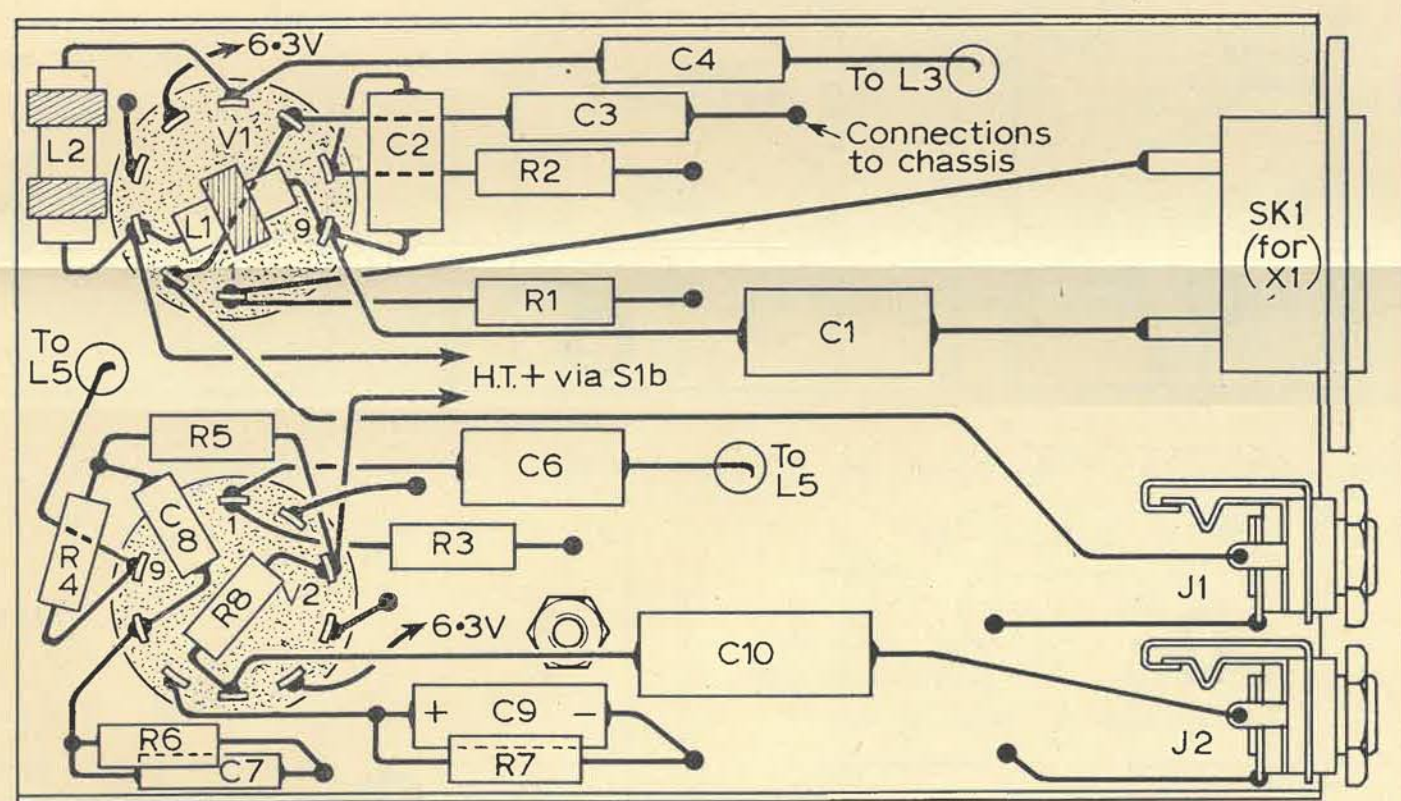


FIG. 3 UNDERSIDE VIEW OF CHASSIS

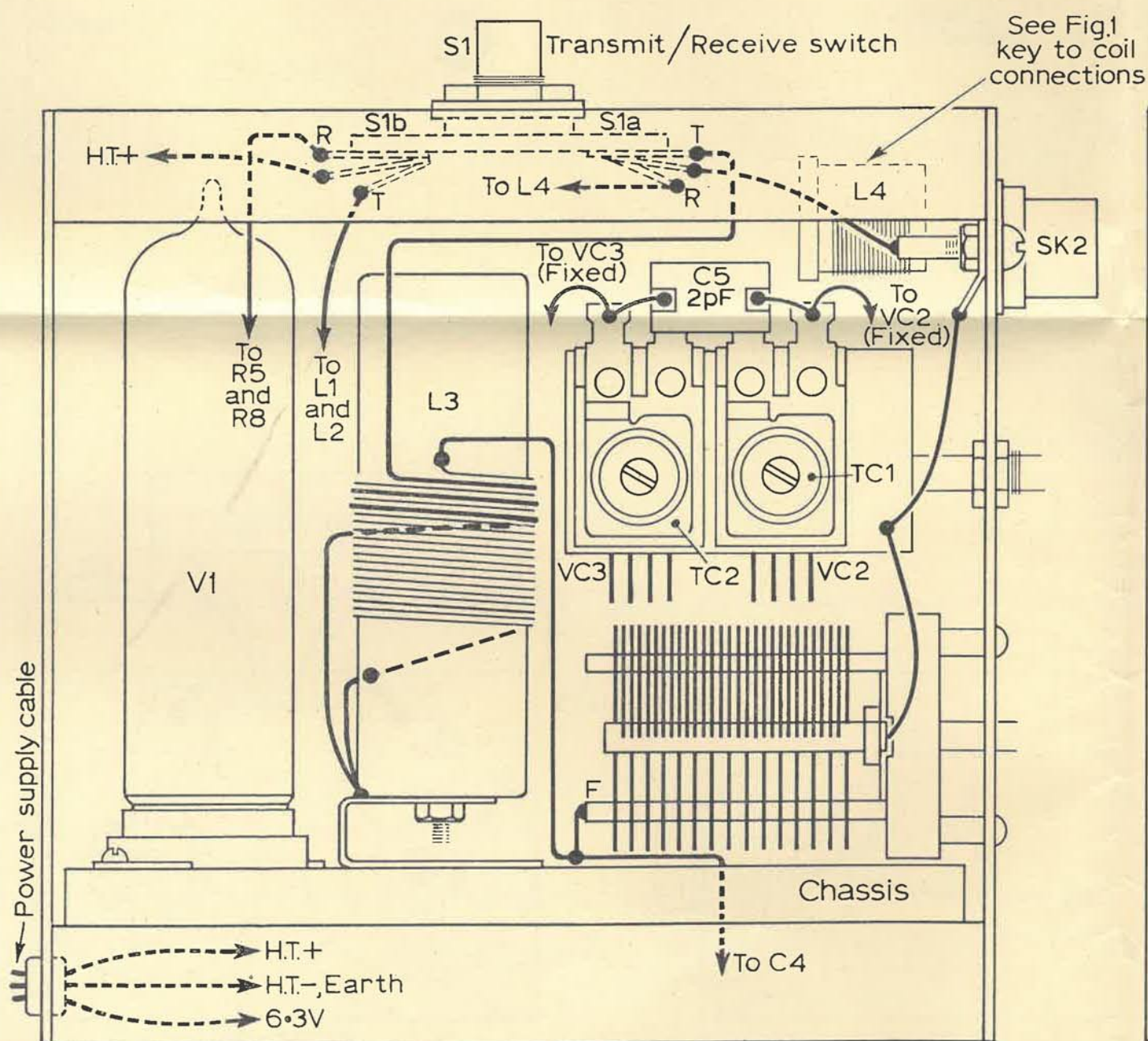


FIG. 4 SIDE VIEW OF TRANSCEIVER

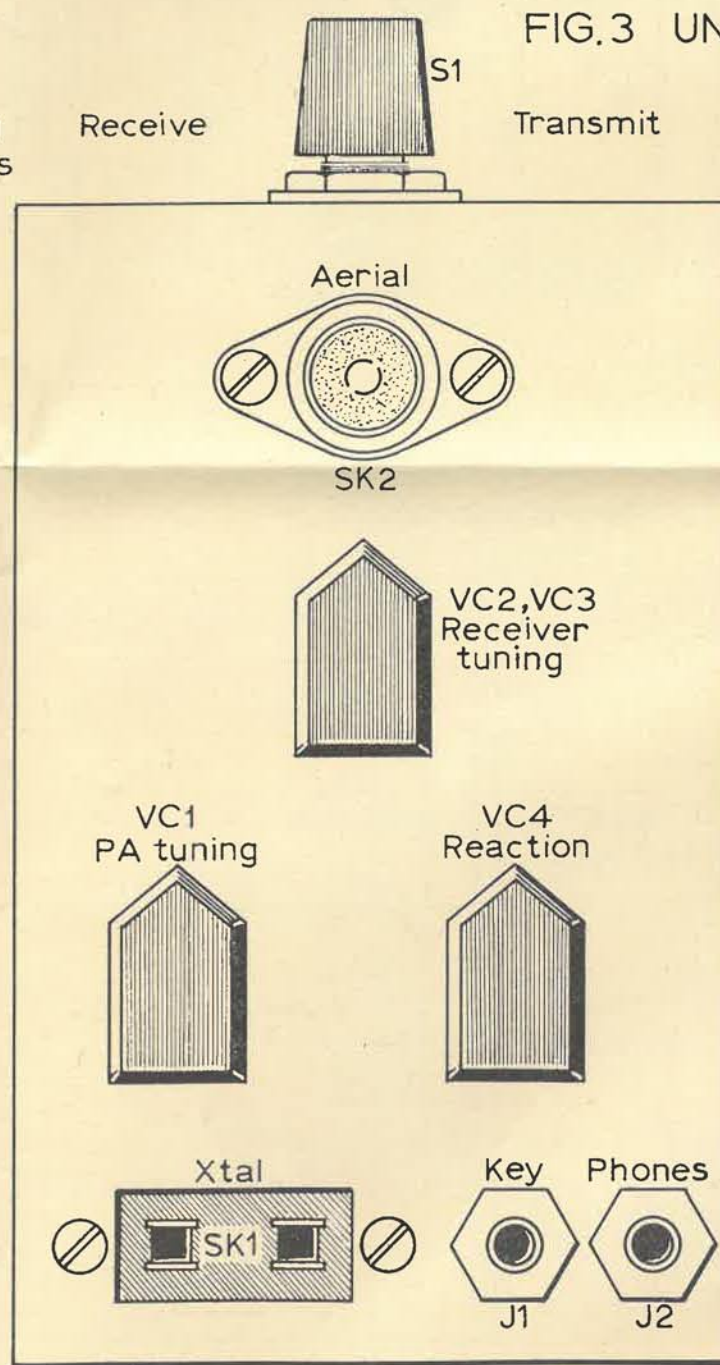


FIG. 5 FRONT PANEL

COMPONENTS LIST

- INDUCTORS**
- L1 R.F. choke (see text)
  - L2 R.F. choke (see text)
  - L3 25 turns of 26 swg enamelled wire on 3/4 in. diameter ceramic former 3 turns wound over end of winding as coupling.
  - L4 Signal grid coil with aerial coupling winding. Denco miniature type: Blue, Range 4 (20-60 metres).
  - L5 Grid coil with reaction winding. Denco miniature type: Green, Range 4 (20-60 metres).
- RESISTORS**
- R1...47kΩ R2...47kΩ R3...2.2MΩ R4...10kΩ
  - R5...47kΩ R6...1MΩ R7...270Ω R8...47kΩ
- CAPACITORS**
- C1 1000 pF ceramic or mica
  - C2 100 pF ceramic or mica
  - C3 1000 pF ceramic or mica
  - C4 1000 pF ceramic or mica
  - C5 2 pF mica
  - C6 300 pF ceramic or mica
  - C7 200 pF ceramic or mica
  - C8 0.01 μF paper 350V
  - C9 25 μF electrolytic 25V
  - C10 0.1 μF paper 400V
  - TC1 300 pF compression type trimmer
  - TC2 300 pF compression type trimmer
  - VC1 100 pF variable
  - VC2 25 + 25 μF twin-gang variable
  - VC3
  - VC4 140 pF variable
- MISCELLANEOUS**
- J1, J2 Miniature jack socket
  - SK1... Two-way socket for 10 x J crystal
  - SK2... Coaxial socket (Belling Lee L604 S CD)
  - S1... Single wafer rotary switch, two-pole, two-way.
  - V1... ECL86 V2... ECL86
  - X1... Crystal (see text)
- Four small knobs. Two B9A valveholders. Instrument case 4 in. x 4 in. x 2 1/2 in. (Teleradio Ltd., 189 Edgware Rd., London W.2.)  
Tinplate sheet for chassis and mounting brackets. 6BA screws and nuts.