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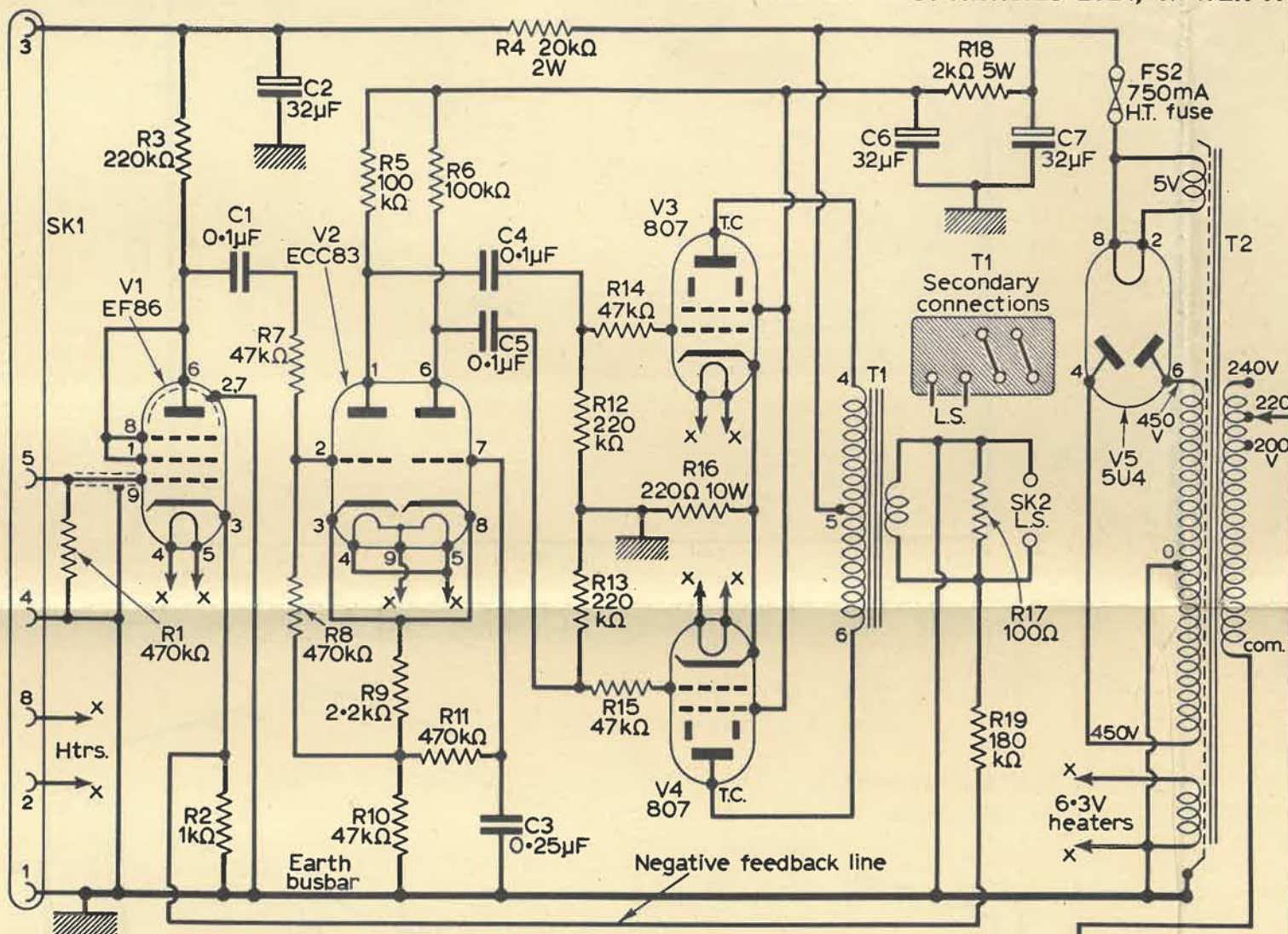


FIG. 1 CIRCUIT DIAGRAM

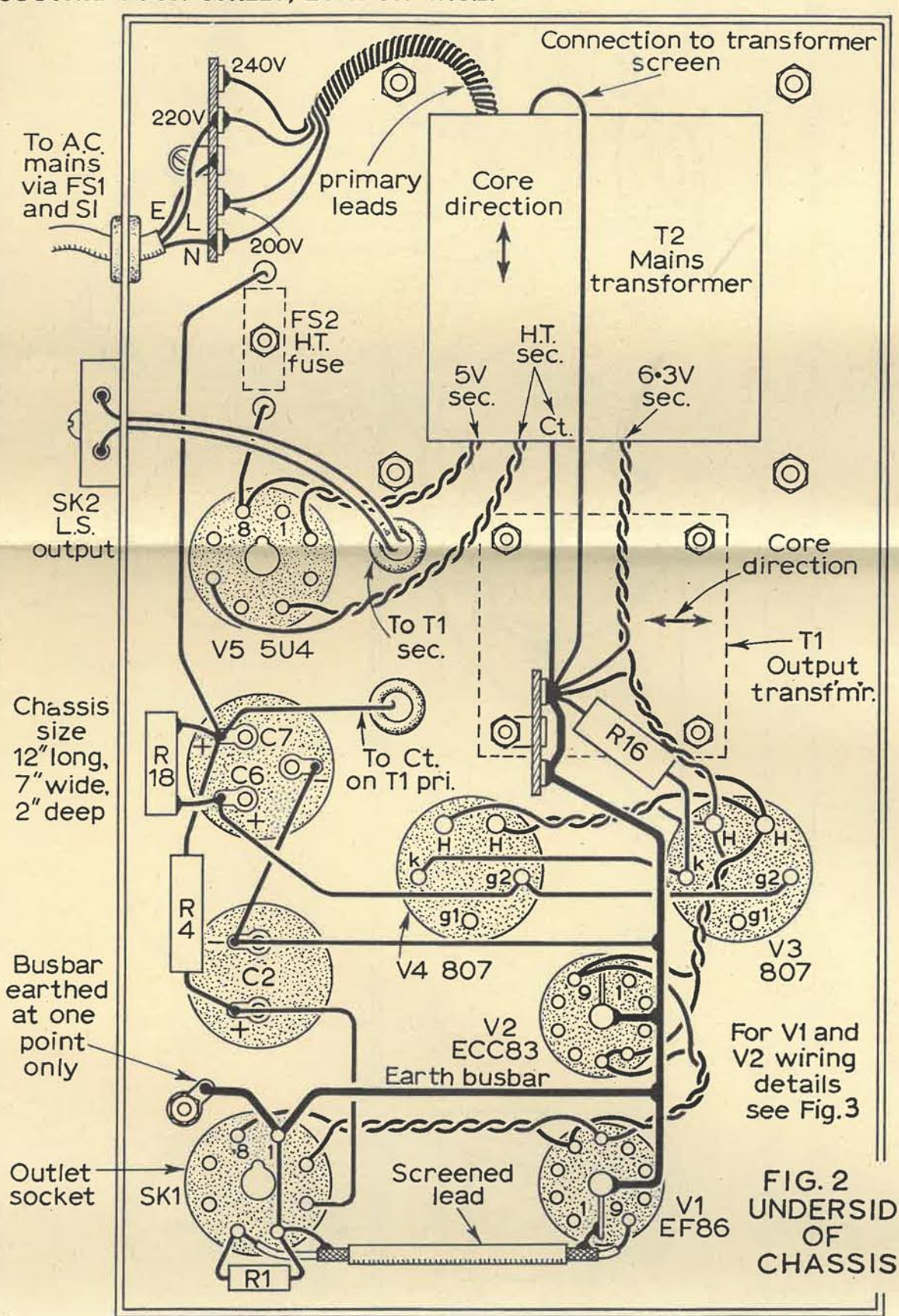


FIG. 2 UNDERSIDE OF CHASSIS

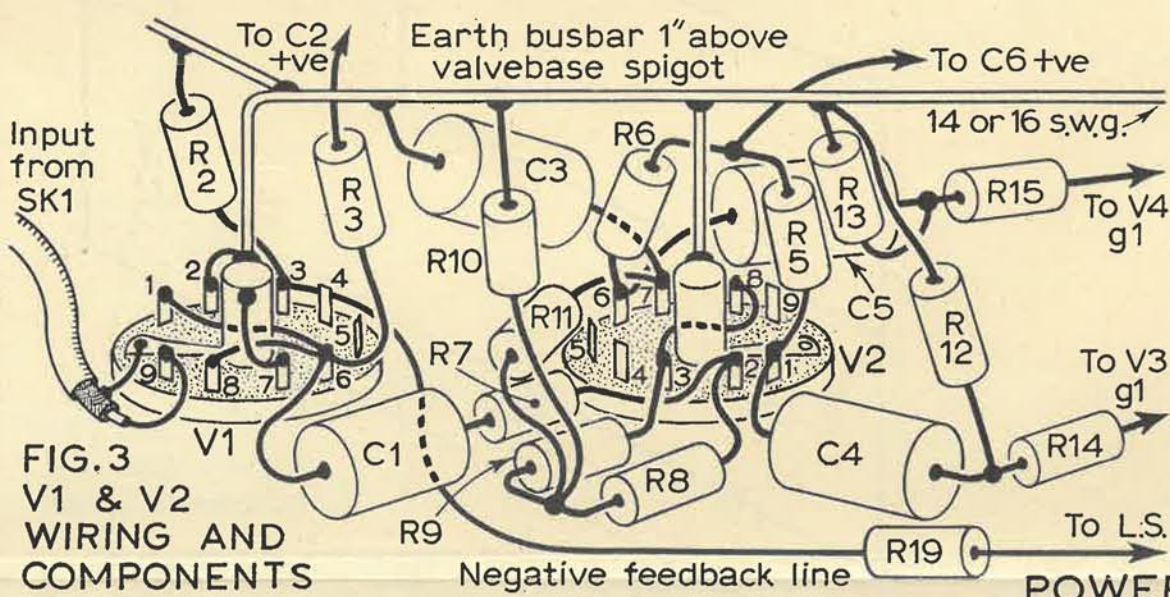
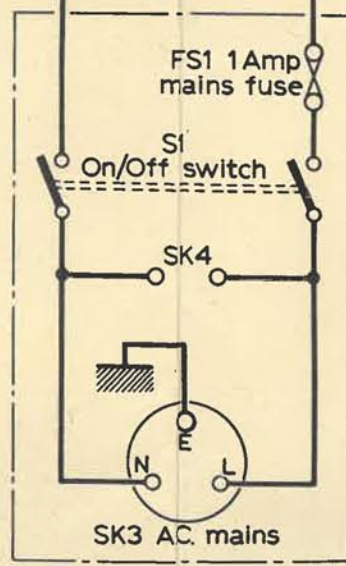


FIG. 3 V1 & V2 WIRING AND COMPONENTS



POWER UNIT AND OUTPUT STAGES

COMPONENTS LIST

Resistors:

- R1 470kΩ
- R2 1kΩ
- R3 220kΩ
- R4 20kΩ 2W
- R5 100kΩ } matched
- R6 100kΩ } to ± 5%
- R7 47kΩ
- R8 470kΩ
- R9 2.2kΩ
- R10 47kΩ
- R11 470kΩ
- R12 220kΩ
- R13 220kΩ
- R14 47kΩ
- R15 47kΩ
- R16 220Ω 10W ww
- R17 100Ω
- R18 2kΩ 5W ww
- R19 180kΩ
- R20 47kΩ
- R21 47kΩ
- R22 47kΩ
- R23 1.5kΩ
- R24 47kΩ
- R25 47kΩ
- R26 47kΩ
- R27 220kΩ
- R28 220kΩ
- R29 100kΩ
- R30 220kΩ
- R31 47kΩ 1W
- R32 1.5kΩ
- R33 47kΩ
- R34 47kΩ
- R35 100kΩ
- R36 100kΩ
- R37 1MΩ
- R38 220kΩ
- R39 1.5MΩ
- R40 100kΩ
- R41 1.5kΩ
- R42 250kΩ
- R43 100kΩ
- R44 1.5kΩ

- R20 47kΩ
- R21 47kΩ
- R22 47kΩ
- R23 1.5kΩ
- R24 47kΩ
- R25 47kΩ
- R26 47kΩ
- R27 220kΩ
- R28 220kΩ
- R29 100kΩ
- R30 220kΩ
- R31 47kΩ 1W
- R32 1.5kΩ
- R33 47kΩ
- R34 47kΩ
- R35 100kΩ
- R36 100kΩ
- R37 1MΩ
- R38 220kΩ
- R39 1.5MΩ
- R40 100kΩ
- R41 1.5kΩ
- R42 250kΩ
- R43 100kΩ
- R44 1.5kΩ

Transformers:

- T1 Output transformer. "Radiospares" 30W De-luxe multiratio type, push-pull.
- T2 Mains transformer. Secondaries 450-0-450V, 250mA; 6.3V ct 4A; 5V 3A. (R.S.C. Ltd., Leeds).

Valves:

- V1 EF86
- V2 ECC83
- V3 807
- V4 807
- V5 5U4
- V6 ECC83
- V7 ECC83
- V8 EF80

Miscellaneous:

- FS1 1A mains fuse and holder.
- FS2 750mA h.t. fuse and holder.
- J1-4 Open-circuit type jack sockets.

- LPI Lamp 6.3v 0.15A
- PL1 Octal plug.
- S1 Double pole on/off switch.
- S2 Single pole on/off switch.
- SK1 Octal valveholder.
- SK2 2-way socket.
- SK3 3-way mains socket 5A.
- SK4 2-way mains socket 2A.
- SK5 Coaxial socket.

Valveholders:

- Five B9A; two UX5; one I.O. Six small pointer knobs. Aluminium for chassis. Sleeving, screened lead, nuts and bolts.

Potentiometers:

- VR1 1MΩ preset
- VR2 250kΩ
- VR3 500kΩ
- VR4 500kΩ
- VR5 250kΩ
- VR6 250kΩ
- VR7 2MΩ

Capacitors:

- C1 0.1μF paper 500V
- C2 32μF elec. 500V
- C3 0.25μF paper 250V
- C4 0.1μF paper 500V
- C5 0.1μF paper 500V
- C6 32μF elec. 500V
- C7 32μF elec. 500V
- C8 25μF elec. 25V
- C9 0.01μF paper 350V
- C10 0.01μF paper 350V
- C11 8μF elec. 500V
- C12 0.01μF paper
- C13 5,000pF paper
- C14 5,000pF paper
- C15 5,000pF paper
- C16 5,000pF paper
- C17 5,000pF paper
- C18 0.1μF paper
- C19 100μF elec. 25V
- C20 0.01μF paper 350V
- C21 0.01μF paper 350V
- C22 0.01μF paper 350V
- C23 2μF elec. 350V
- C24 2μF elec. 350V
- (C6 and C7 preferably surge limiting types).

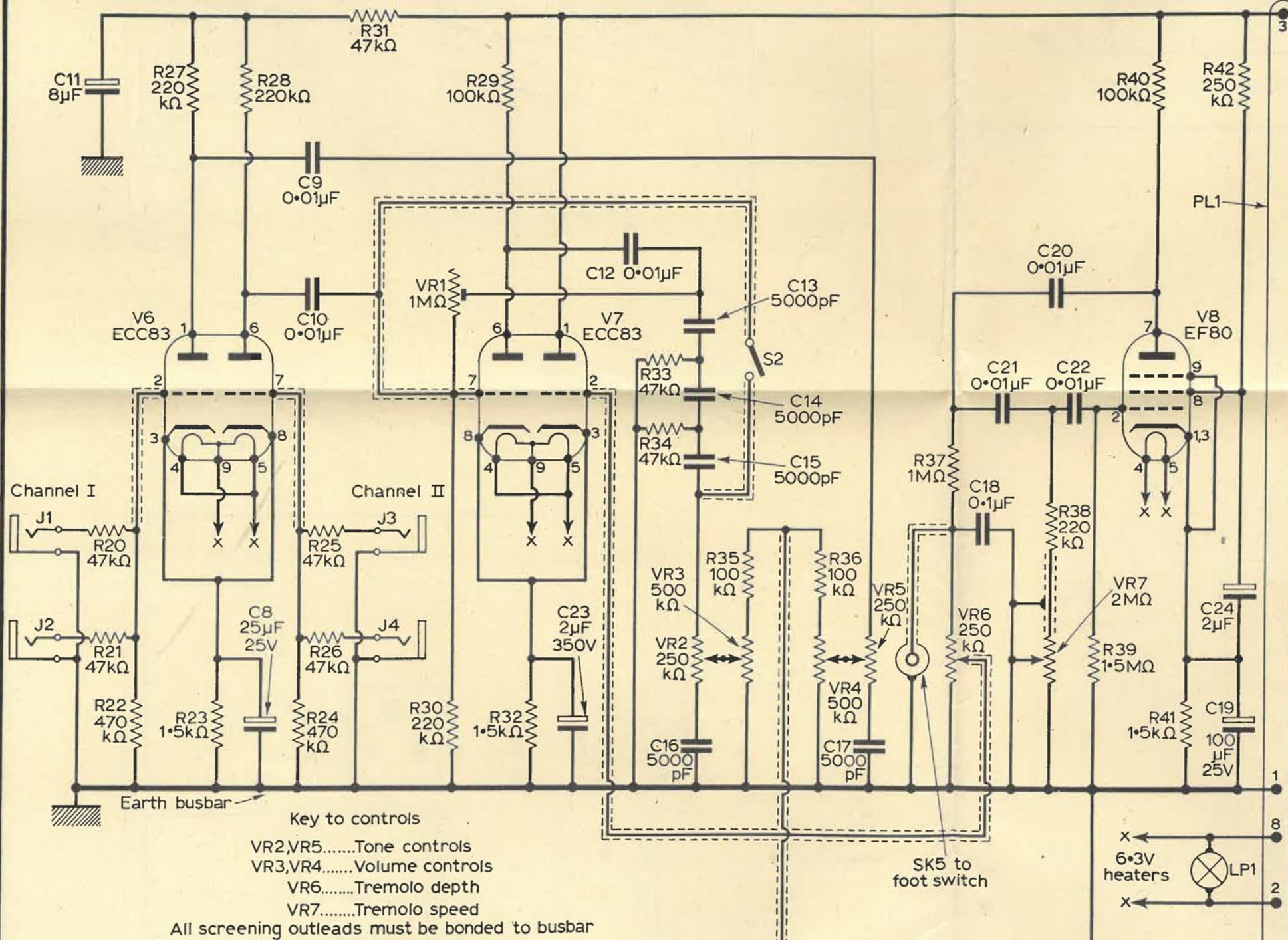


FIG. 4 CIRCUIT DIAGRAM

PRE-AMPLIFIER

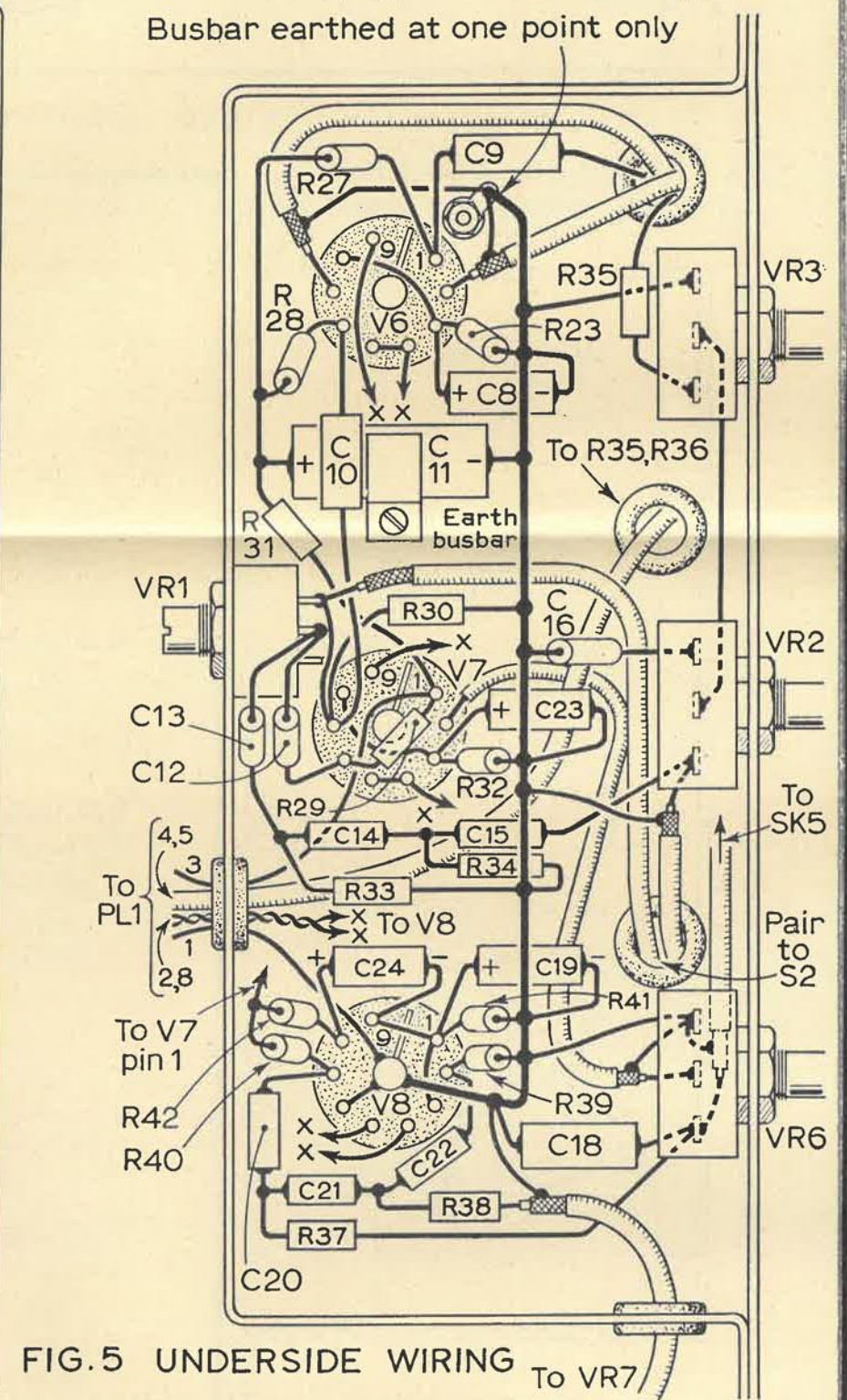


FIG. 5 UNDERSIDE WIRING