PRESENTED FREE
WITH
"PRACTICAL WIRELESS"
JUNE 1963

Practical Wireless

SPINNETTE RECORD PLAYER

PUBLISHED BY GEO. NEWNES LTD., TOWER HOUSE, SOUTHAMPTON STREET, LONDON W.C.2.

PRICE 5/-

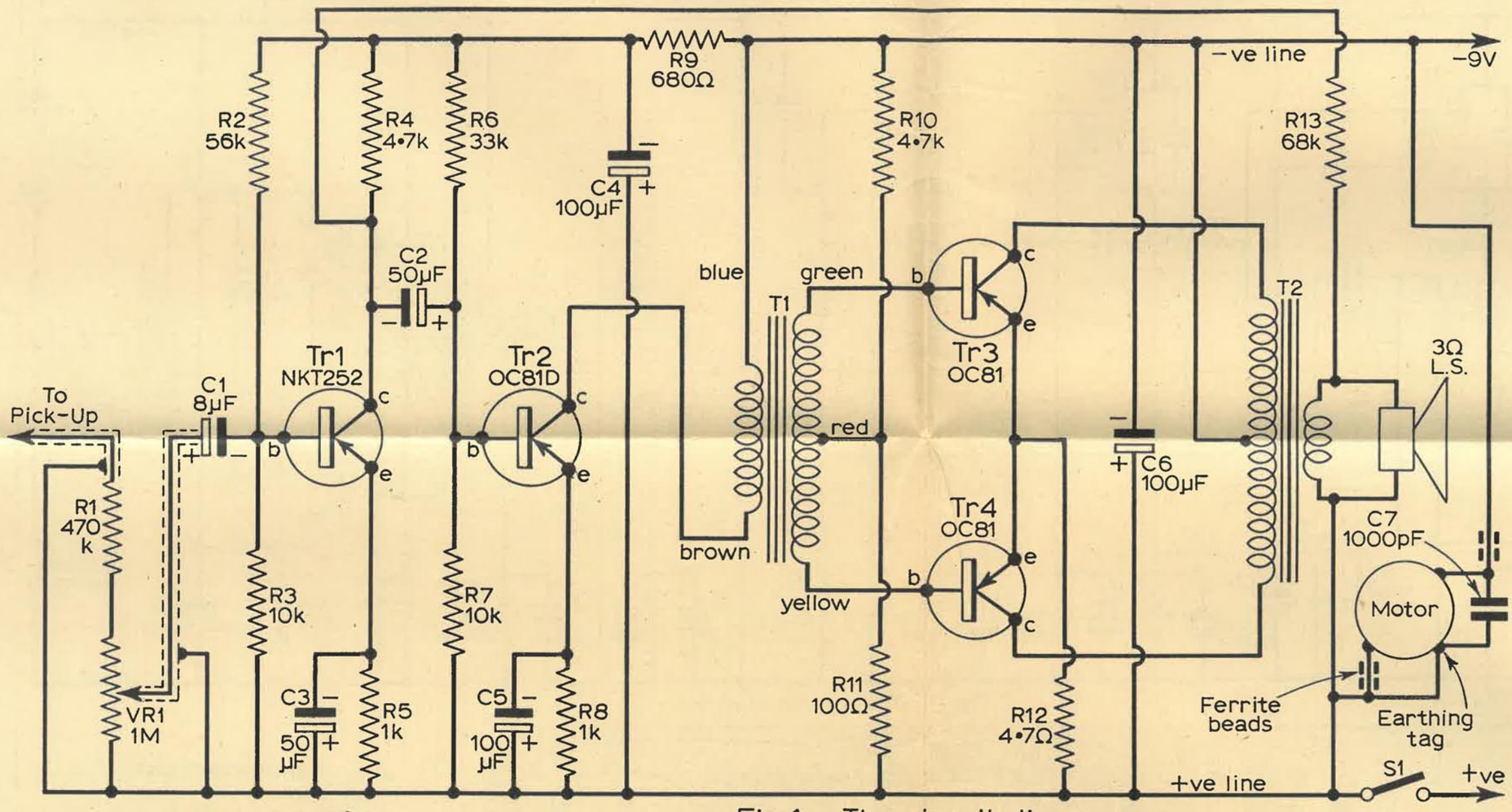


Fig. 1 — The circuit diagram.

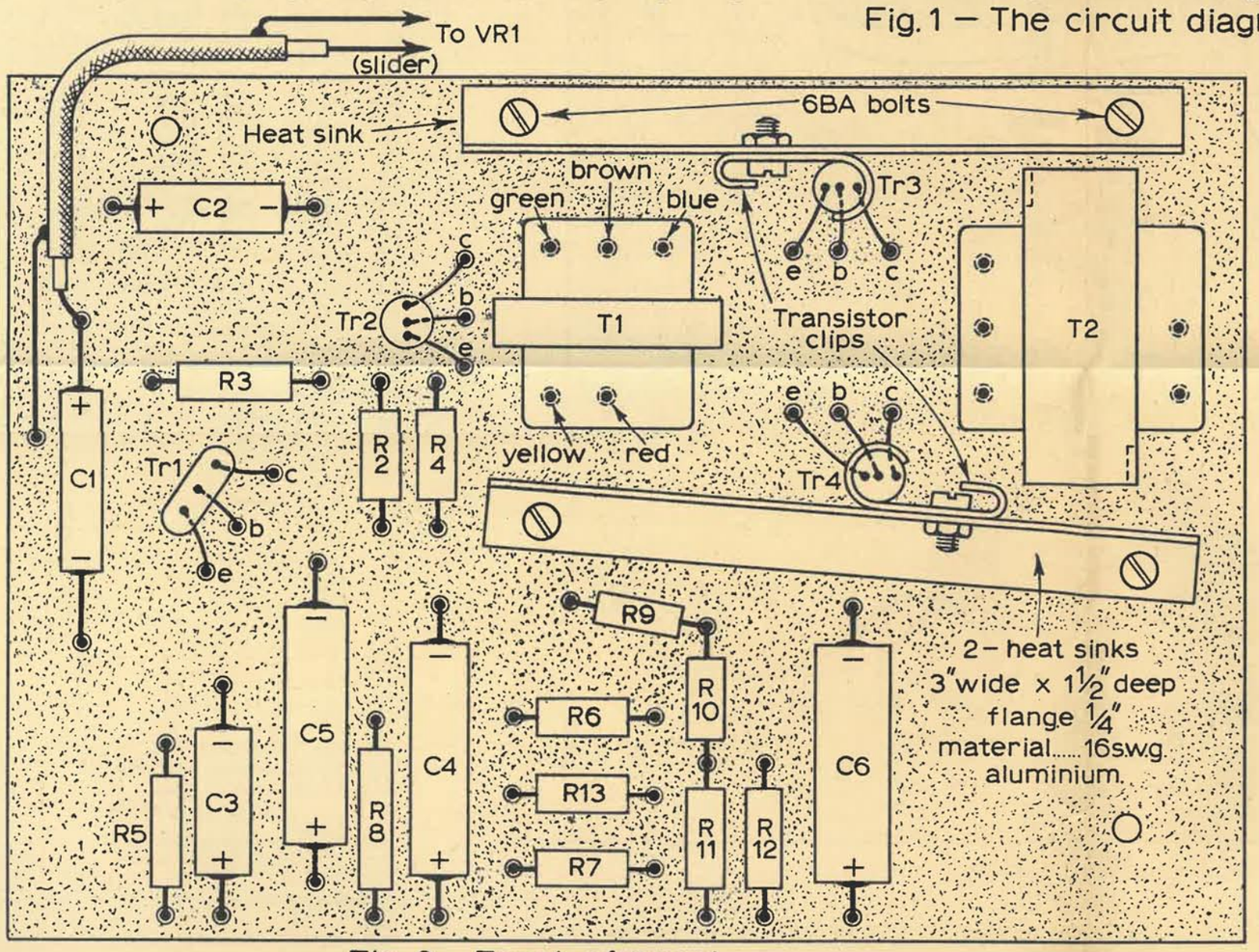


Fig. 2 – Front of panel.

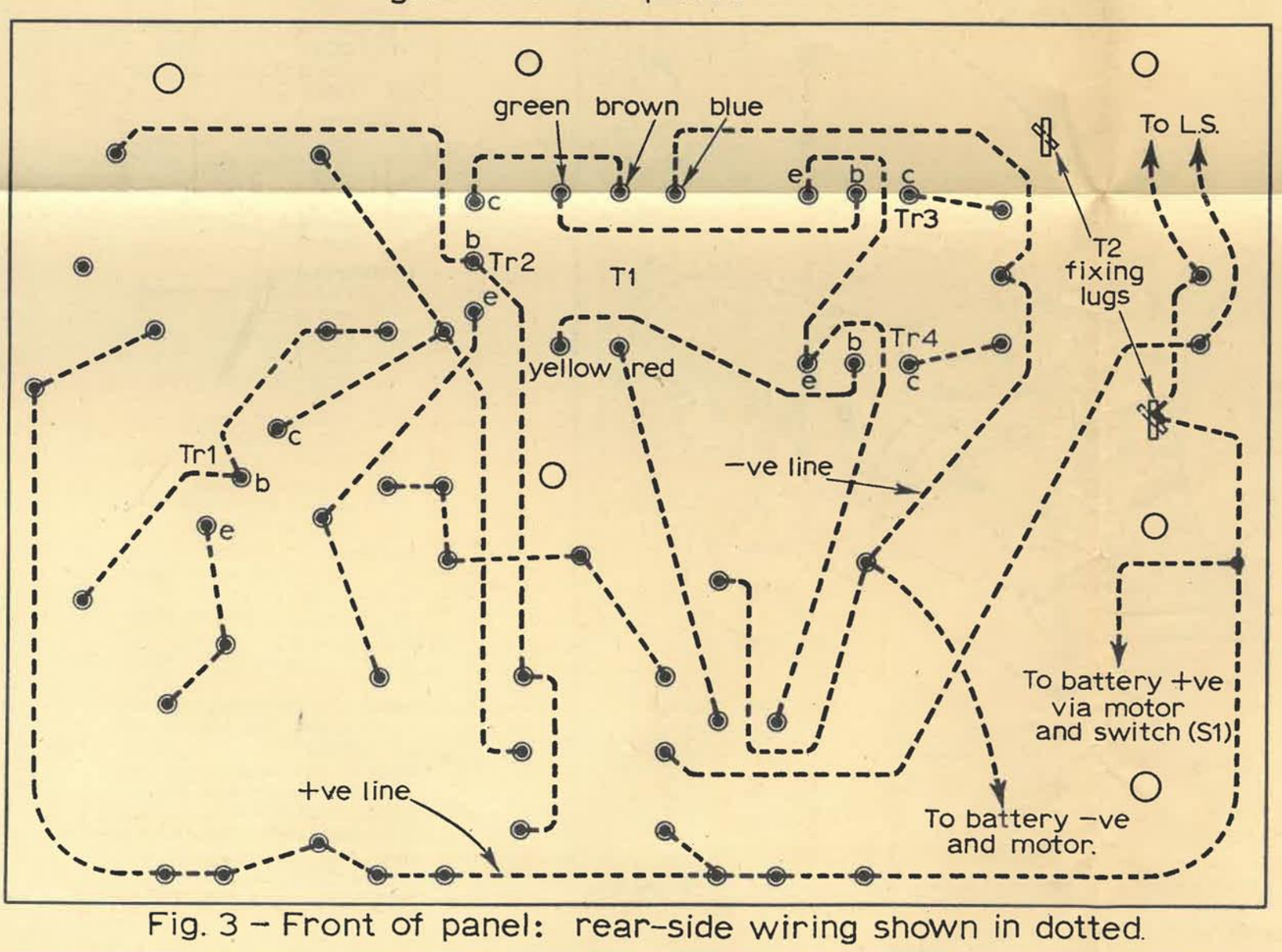


Fig. 3 – Front of panel: rear-side wiring shown in dotted.

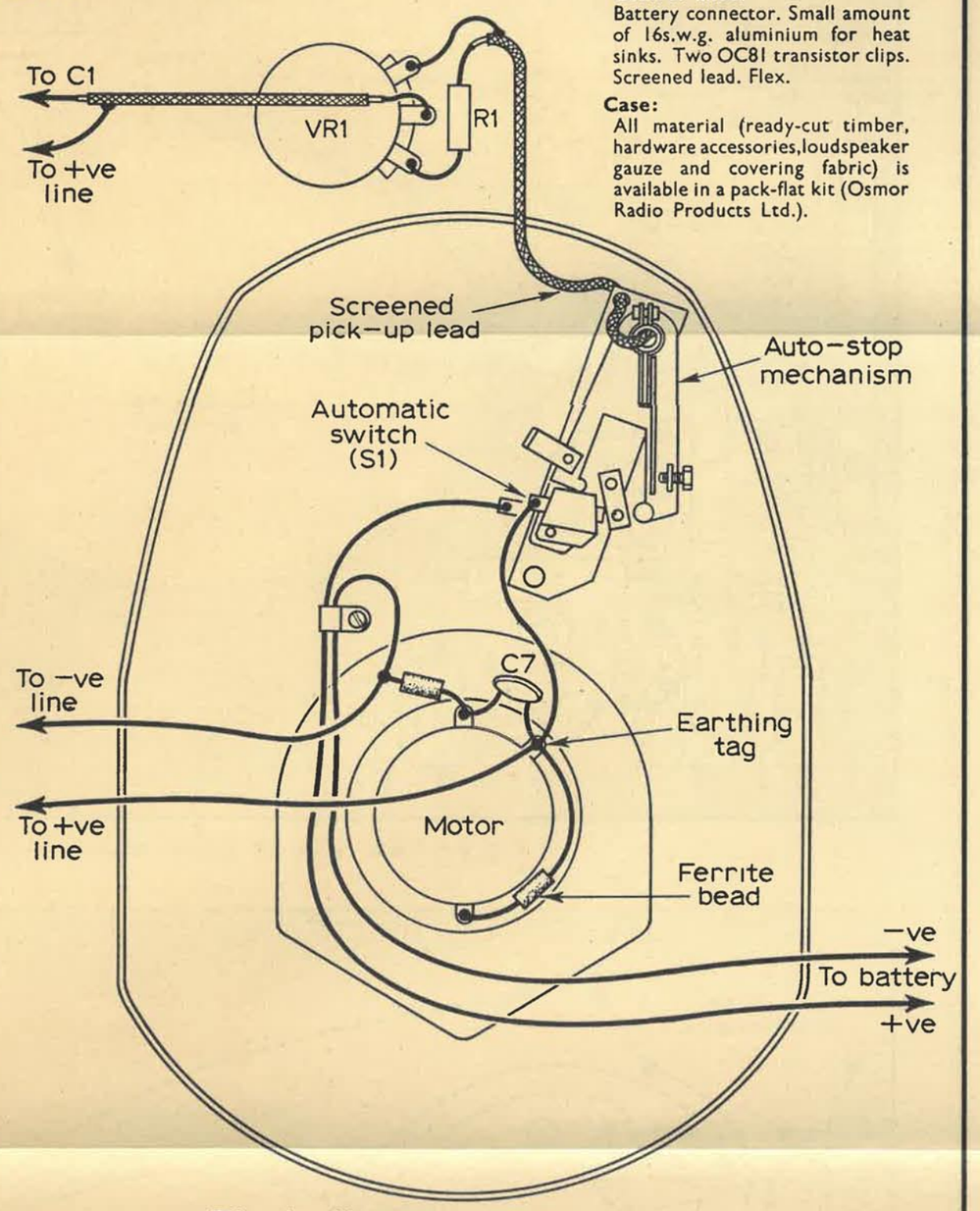


Fig. 4 – Wiring of turntable unit.

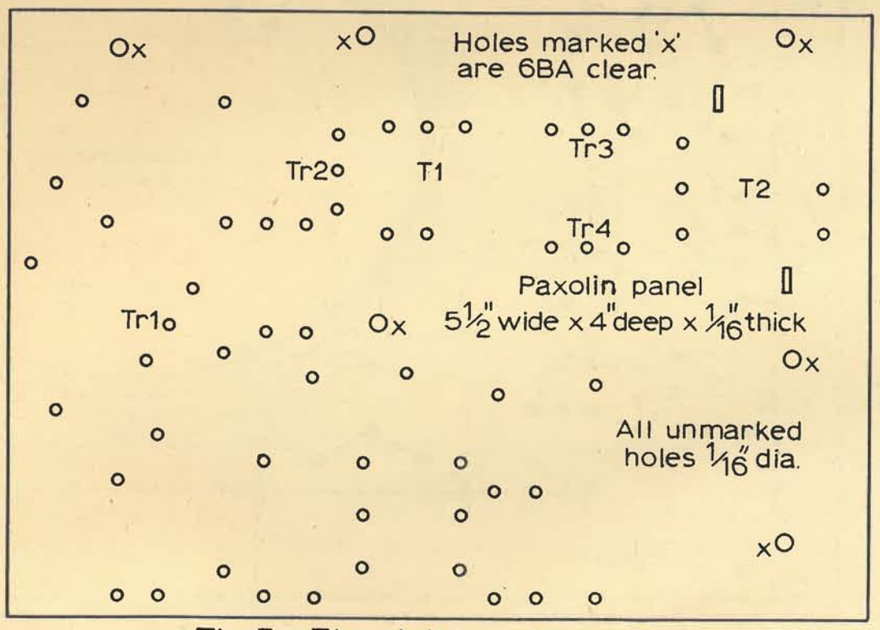


Fig. 5 – The drilling diagram.

COMPONENTS LIST

Resistors:

R1	470kΩ	R8	1kΩ
R2	56kΩ	R9	680Ω
R3	10kΩ	R10	4·7kΩ 5%
R4	4·7kΩ	R11	100Ω 5%
R5	1kΩ	R12	4·7Ω
R6	33kΩ	R13	68kΩ
R7	10kΩ		

All 10%, ¼W carbon, except where otherwise indicated.
VR1 1MΩ carbon potentiometer, log.

Capacitors:
C1 8µF electrolytic 6V
C2 50µF electrolytic 15V
C3 50µF electrolytic 15V
C4 100µF electrolytic 15V
C5 100µF electrolytic 15V
C6 100µF electrolytic 15V
C7 1,000pF ceramic disc

Transformers:
T1 Push-pull driver transformer (Osmor)
T2 Push-pull output transformer with secondary to match 3Ω loudspeaker (Osmor).

Transistors:
Tr1 NKT 252
Tr2 OC81D } Mullard LFH3 package
Tr3,4 OC81 (matched pair) } Mullard LFH3 package

Miscellaneous
B1 9V battery (Ever Ready PP9)
LS Elliptical loudspeaker 7in. x 4in., 3Ω speech coil (Elac)
Motor and turntable unit with pick-up; 33/45 r.p.m., 9V. Including on/off switch S1. (Staar, Greencoat Industries Ltd. KT6/9/1).
Paxolin panel 5½in. x 4in. x 1/16in.
Control knob.
Battery connector. Small amount of 16s.w.g. aluminium for heat sinks. Two OC81 transistor clips.
Screened lead. Flex.

Case:
All material (ready-cut timber, hardware accessories, loudspeaker gauze and covering fabric) is available in a pack-flat kit (Osmor Radio Products Ltd.).