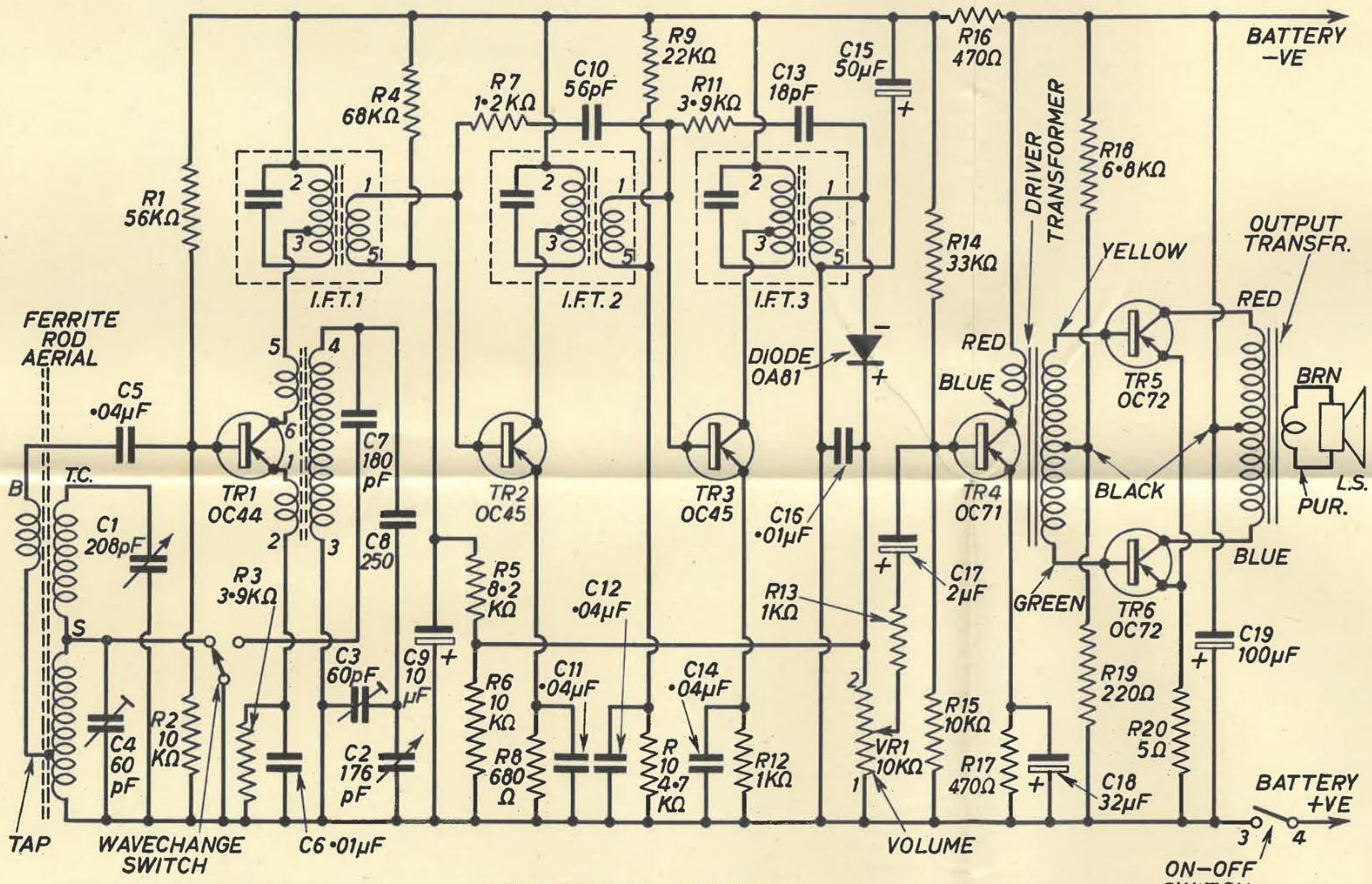
PRESENTED FREE WITH "PRACTICAL WIRELESS" NOVEMBER 1960

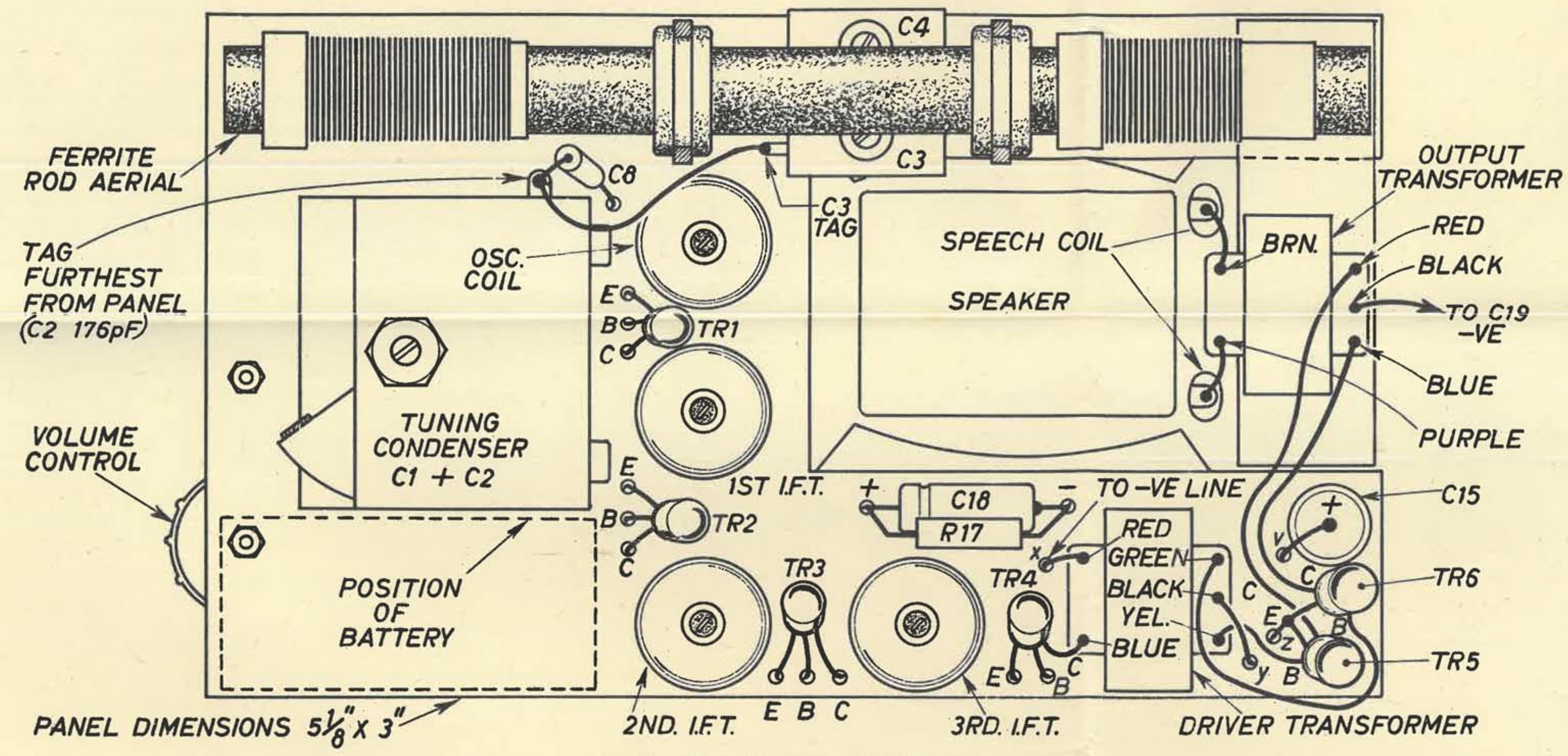
THE "P.W." POCKET SUPERHET RECEIVER

PRICE 5/-

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



THEORETICAL CIRCUIT



BACK OF PANEL WIRING

LIST OF COMPONENTS

Coils

Dual-wave Ferrite Rod Aerial, Osmor
Transistor Oscillator Coil, Osmor
I.F.T.1, I.F.T.2, I.F.T.3, I.F. Transformers, Osmor
Driver Transformer, Repanco TT9
Output Transformer, Repanco TT10

Transistors

TR1 OC44, Mullard Ltd.
TR2 OC45, Mullard Ltd.
TR3 OC45, Mullard Ltd.
TR4 OC71, Mullard Ltd.
TR5 OC72, Mullard Ltd. } Matched pair
TR6 OC72, Mullard Ltd. }

Capacitors

C1, C2 208pF – 176pF J.B. Ganged Tuning Capacitor with internal screen and tapped spindle
C3, C4 Miniature 2-bank 60pF Trimmer
C5, C11, C12, C14 0·04µF
C6 C16 0·01µF
C7 180pF
C8 250pF
C9 10µF 6V Electrolytic
C10 56pF 2%
C13 18pF 2%
C15 50µF 12V Electrolytic
C17 2µF 6V Electrolytic
C18 32µF 6V Electrolytic
C19 100µF 12V Electrolytic

Resistors

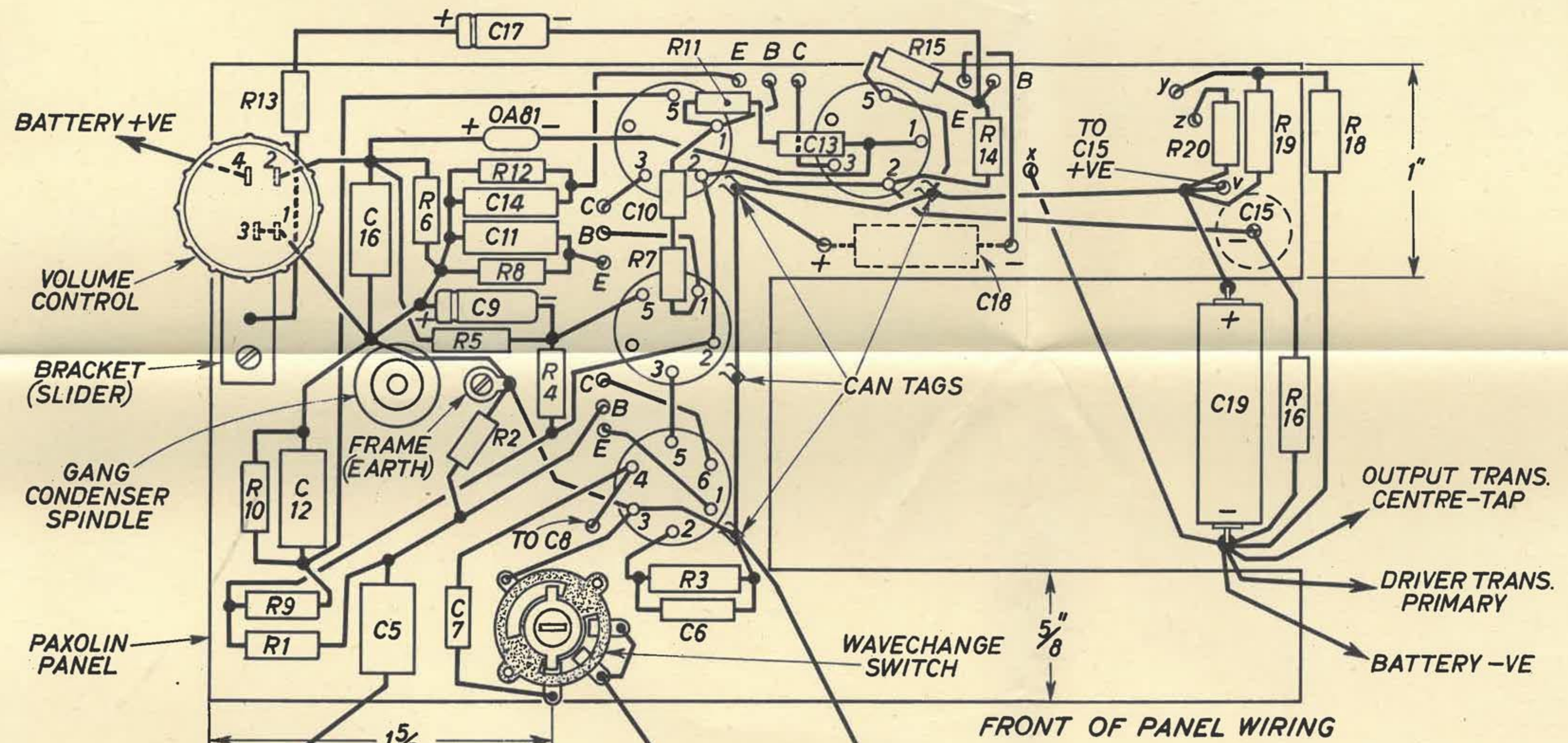
VR1 Ardente ⅝" X ⅛" Volume Control with switch 5KΩ or 10KΩ with 10KΩ parallel resistor

R1 56KΩ
R2 R6 R15 10KΩ
R3 R11 3·9KΩ
R4 68KΩ
R5 8·2KΩ
R7 1·2KΩ
R8 680Ω
R9 22KΩ
R10 4·7KΩ
R12 R13 1KΩ
R14 33KΩ
R16 R17 470Ω
R18 6·8KΩ
R19 220Ω
R20 5Ω

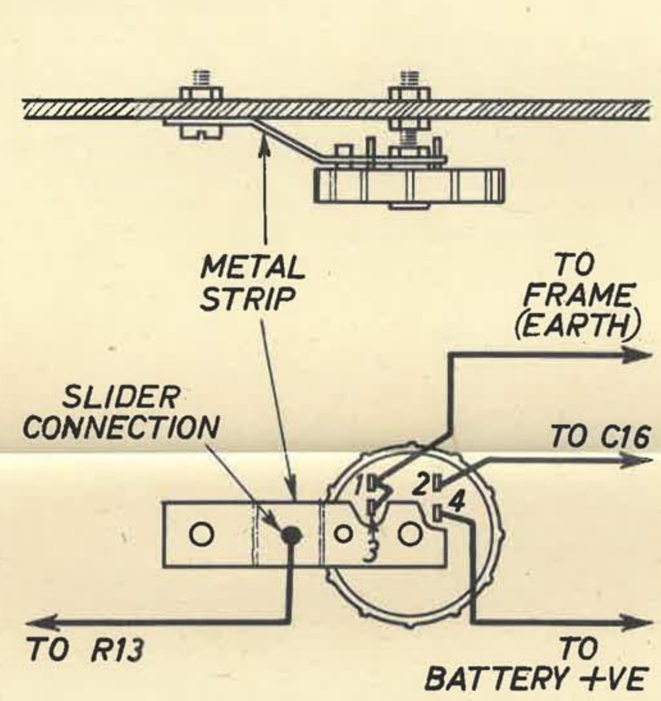
ALL RESISTORS ARE ½ WATT RATING

Miscellaneous

Wavechange Switch, Ardente 3-position switch wafer
Celestion 2½" 3Ω Speaker
Diode OA81
1 yard 26S.W.G. tinned copper wire
1 yard 1mm insulated sleeving
3" long bush
Two ⅜" grommets
Paxolin panel 5⅛" X 3" X 1/16"
Bolts etc.
Battery PP4
It is essential that miniature components be used throughout

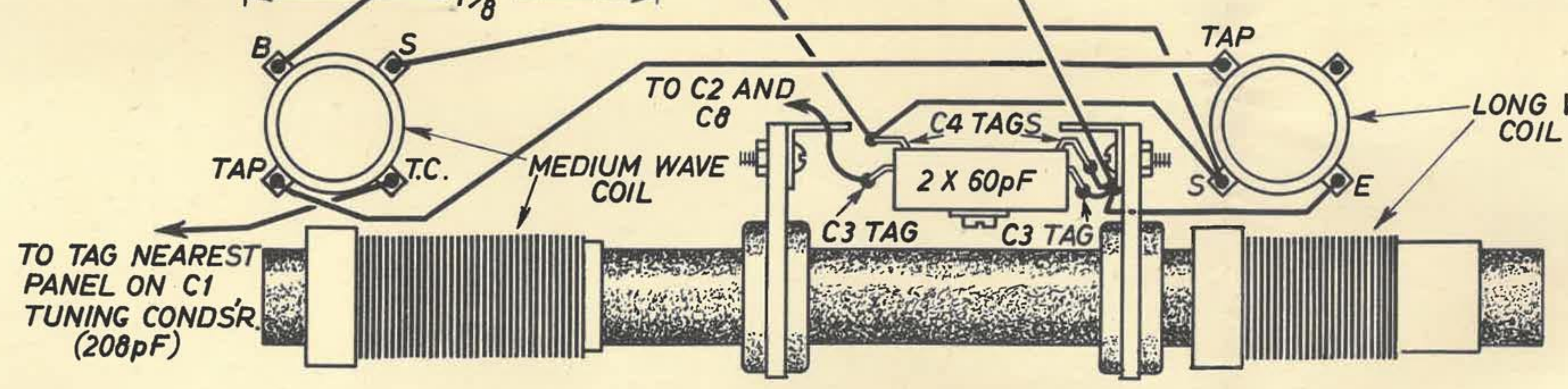


FRONT OF PANEL WIRING

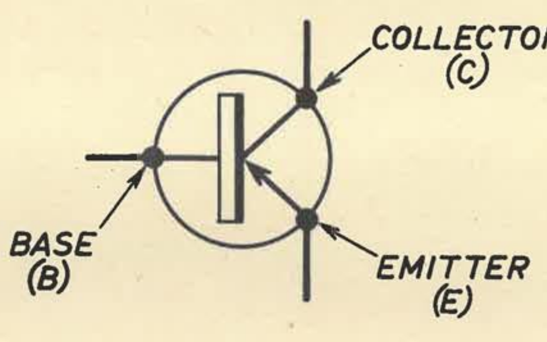


VOLUME CONTROL DETAILS

ON ALL TRANSISTORS THE LEAD NEAREST COLOURED SPOT IS THE COLLECTOR



FERRITE ROD AERIAL WIRING



DETAILS OF TRANSISTOR CONNECTIONS