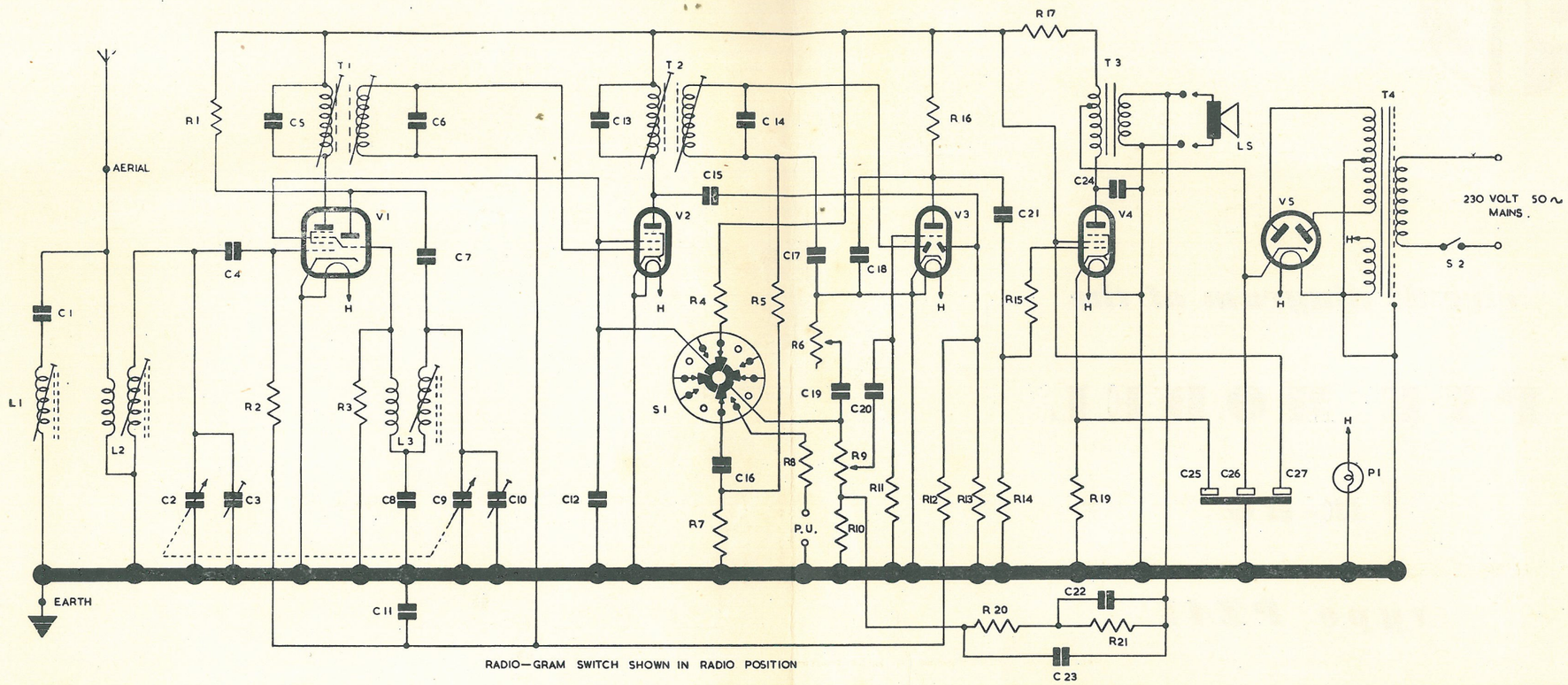

RADIO—GRAM SWITCH SHOWN IN RADIO POSITION

circuit diagram of the

PYE MODEL

B-RG

type PZ41

CONDENSERS

	Specification	Volts		Ref.	No.
C1	51 pF Silver Mica		2%		664057
C2	440 pF Gang Condenser			type E.	
†C3	3-30 pF Trimmer				
C4	100 pF Silver Mica		2%		664101
*C5	100 pF Mica		2%		666776
*C6	100 pF Mica		2%		666776
C7	100 pF Silver Mica		2%		664101
C8	470 pF Silver Mica		2%		664253
C9	440 pF Gang Condenser			type E	
†C10	3-30 pF Trimmer				
C11	0·05 μF Tubular	350			668599
C12	0·05 μF Tubular	500			668574
*C13	100 pF Mica		2%		666776
*C14	100 pF Mica		2%		666776
C15	51 pF Silver Mica		2%		664057
C16	0·01 μF Tubular	500			668591
C17	100 pF Silver Mica		2%		664101
C18	100 pF Silver Mica		2%		664101
C19	0·005 μF Tubular	750			668589
C20	0·01 μF Tubular	500			668591
C21	0·01 μF Tubular	1000			668572
C22	0·25 μF Tubular	100			668723
C23	0·01 μF Tubular	1000			668572
C24	0·01 μF Tubular	1000			668572
C25	20 μF				
C26	40 μF } Electrolytic	350			
C27	40 μF				

NOTE:
† = Part of gang condenser.
* = Part of I.F. transformer.

RESISTORS

	Ohms	Watts		Ref.	No.
R1	27,000	1	10%		671675
R2	1·2 meg	¼	10%		671771
R3	47,000	¼	20%		671600
R4	27,000	1	10%		671675
R5	220,000	¼	20%		671622
R6	500,000 potentiometer			log.	
R7	150,000	¼	20%		671621
R8	470,000	¼	10%		671766
R9	1·0 meg potentiometer			log.	
R10	220	¼	20%		671604
R11	6·8 meg	⅛	20%		671631
R12	1·2 meg	¼	10%		671771
R13	1·2 meg	¼	10%		671771
R14	220,000	⅛	10%		671762
R15	10,000	¼	20%		671614
R16	220,000	¼	10%		671762
R17	1,500	1	20%		671609
R18	not used.				
R19	220	1	20%		671566
R20	2,200	¼	20%		671382
R21	4,700	¼	20%		671384

SWITCHES, LAMPS, ETC.

	Specification			Ref.	No.
S1	Radio-Gram Switch			5175	
S2	Mains on/off switch on tone control.				
P1	Dial Lamp 6-8V 0·3 amp			8045D	

INDUCTANCES

	Specification		Ref.	No.
L1	Wavetrap coil	470 kcs.		780149
L2	M.W. Aerial coil		1638	
L3	M.W. Oscilator coil		1639	
LS.	Loudspeaker		J8DO	

TRANSFORMERS

	Specification		Ref.	No.
T1	1st. I.F. Trans.	Prim. res. 12 Ω; Sec. res. 12 Ω		770369
T2	2nd I.F. Trans.	Prim res. 12 Ω; Sec res 12 Ω		770369
T3	Output Trans	Prim. res 500 Ω		770066
T4	Mains Trans.	Prim res. 35 Ω; Sec res. 220 + 230 Ω		770806

VALVES

	Specification		Ref.	No.
V1	ECH42	Mullard		
V2	EF41	Mullard		
V3	EBC41	Mullard		
V4	EL41	Mullard		
V5	EZ40	Mullard		