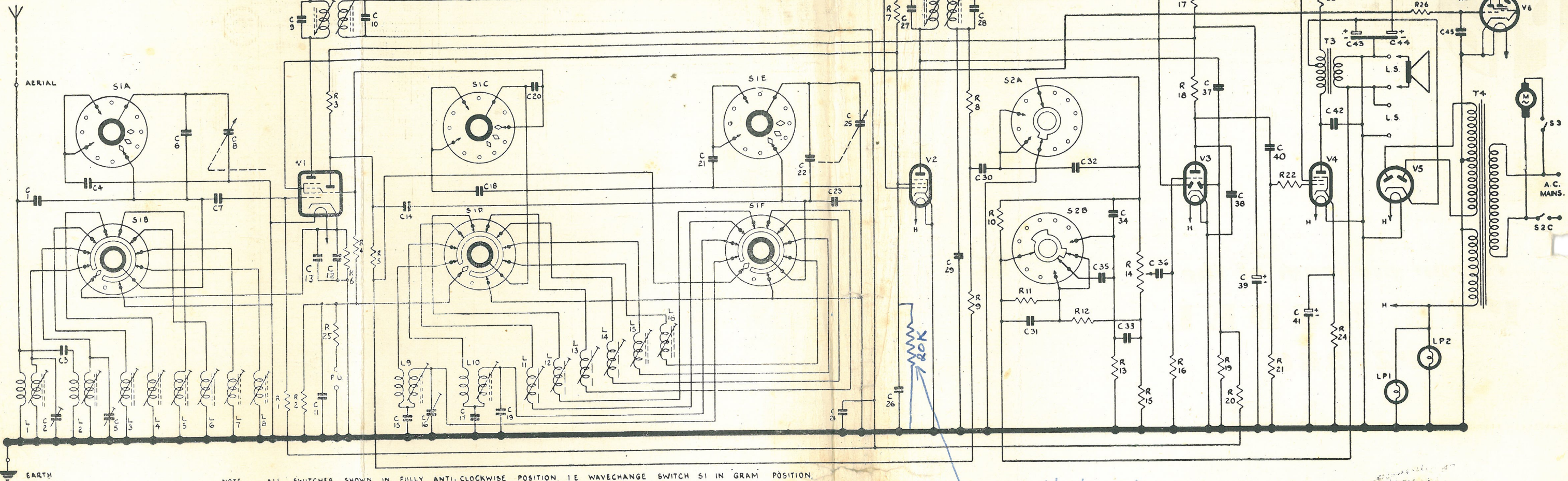




circuit diagram
of the
PYE
MODEL
PZ79RG

NOTE ALL SWITCHES SHOWN IN FULLY ANTI-CLOCKWISE POSITION, I.E. WAVECHANGE SWITCH S1 IN 'GRAM' POSITION, AND TONE SWITCH S2 IN 'OFF' POSITION. ALL SWITCHES ARE VIEWED FROM THE FRONT, AND THE DIRECTION OF ROTATION IS CLOCKWISE.

Requires bleed resistor.
To reduce overload caused by
screen voltage rise on locals.

CONDENSERS						CONDENSERS, Contd.						RESISTORS						TRANSFORMERS	
	Specification	Volts	±	Fig	No		Specification	Volts	±	Fig	No		Ohms	Watts	±	Fig	No.		Specification
C1	5.6 pF Ceramic		20%	4	666659	C34	82 pF Ceramic		20%	4	666677	R1	1 meg.		20%	4	670410	T1	1st I.F. Trans.
C2	3.50 pF Trimmer			4	800076	C35	0.02 µF Tubular	500		4	668594	R2	220,000 meg.		20%	4	670406		{ Prim. 12-2Ω
C3	47 pF Ceramic		20%	4	666660	C36	0.05 µF Tubular	350		4	668966	R3	10,000		20%	4	670398	T2	2nd I.F. Trans.
C4	150 pF Mica		2%	4	664130	C37	47 pF Ceramic		20%	4	666660	R4	82,000		20%	4	671047		{ Sec. 12-2Ω
C5	3.50 pF Trimmer			4	800076	C38	100 pF Ceramic		20%	4	666520	R5	220,000		20%	4	670706	T3	Output Trans.
C6	82 pF Mica		2%	4	664092	C39	16 µF Electrolytic	350		1 & 3	667537	R6	220		20%	4	670388		{ Prim. Start to Tap
C7	100 pF Ceramic		20%	4	666520	C40	0.01 µF Tubular	350		4	669096	R7	27,000		20%	4	671218	T4	Mains Trans.
C8	528 pF Swing Gang Condenser			4	800032	C41	50 µF Electrolytic	12		4	667171	R8	220,000		20%	4	670406		{ Prim. Start to Finish
C9*	100 pF + Mica		2%	1 & 3		C42	0.005 µF Tubular	1000		1 & 3	668870	R9	220,000		20%	4	670406		{ Prim. 35Ω on 225Ω
C10*	100 pF + Mica		5%	4		C43	32 µF + Electrolytic	350		1 & 3	667504	R10	4.7 meg.		20%	4	670414		{ Sec. 270 + 290Ω
C11	270 pF Mica	150		4	669082							R11	4,700		20%	4	670396		
C12	0.01 µF Tubular			4	667170							R12	2,200		20%	4	670394		
C13	25 µF Electrolytic		20%	4	666678							R13	390		20%	4	671061		
C14	560 pF Ceramic		2%	4	664260							R14	1 meg. Volume Control		20%	4	810241		
C15	510 pF Mica			4	800076							R15	220		20%	4	670388		
C16	3.50 pF Trimmer		5%	4	664938							R16	10 meg.		20%	4	670416		
C17	2700 pF Mica		2%	4	664130							R17	4,700		20%	4	670396		
C18	150 pF Mica		10%	4	666517							R18	220,000		20%	4	670410	S1A	Rear Bank 3
C19	27 pF Mica		20%	4	666520							R19	1 meg.		20%	4	670410	S1B	Front Bank 3
C20	100 pF Ceramic		2%	4	664130							R20	1 meg.		20%	4	670410	S1C	Rear Bank 2
C21	150 pF Mica		2%	4	664130							R21	220,000		20%	4	670406	S1D	Front Bank 2
C22	150 pF Mica		2%	4	664130							R22	10,000		20%	4	670398	S1E	Rear Bank 1
C23	15 pF Ceramic N750K		10%	4	666515							R23	1,600 Wire Wound		5%	4	671836	S1F	Front Bank 1
C24	0.05 µF Tubular	350		4	668966							R24	180		10%	4	670509	S2A	Rear Bank 1
C25	528 pF Swing Gang Condenser			1 & 3	800032							R25	470,000		20%	4	670408	S2B	Front Bank 1
C26	0.05 µF Tubular	350		4	668966							R26	2.2 meg		20%	4	670412	S2C	Mains ON OFF Switch
C27*	100 pF + Mica		2%	1 & 3								R27	1 meg		20%	4	670410	LPI	Dial Bulb 6.5 volt 0.3 amp.
C28*	100 pF + Mica		20%	4	666520							R28	1 meg		20%	4	670410	LP2	Dial Bulb 6.5 volt 0.3 amp.
C29	100 pF Ceramic			4	668594													LS	Loudspeaker
C30	0.02 µF Tubular	500		4	668609														
C31	0.25 µF Tubular	500		4															
C32	0.002 µF Tubular	500		4	668599														
C33	0.05 µF Tubular	350		4															

Note.—* Integral part of I.F.