

# PORTADYNE

# Models P6 and "Minx"

---

**General Description:** Six-transistor (plus two crystal diodes), two-waveband, portable receiver with external aerial and earphone/tape output sockets. The "Minx" cabinet is in two-tone leathercloth, weight 2 lb. 11 oz. Model P6 has a similar chassis but with wood cabinet covered with cream leathercloth and push-button wavechange, weight 3 lb.

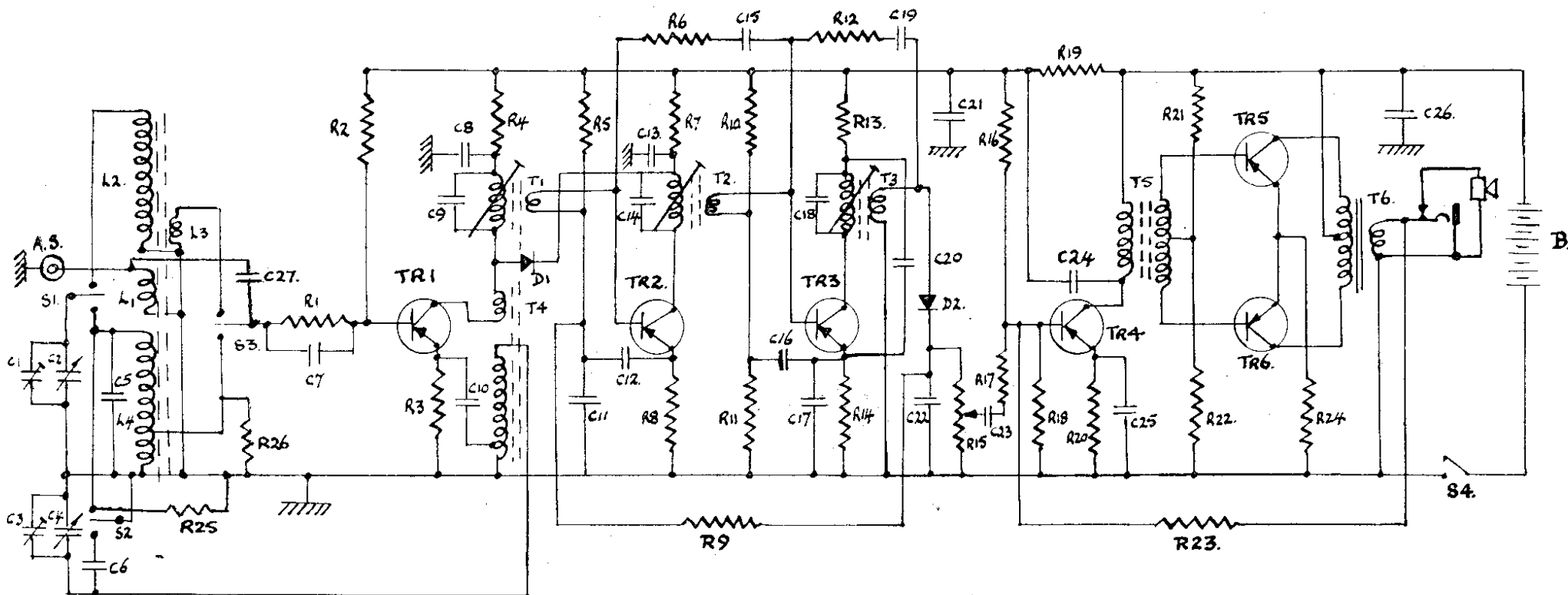
**Power Supply:** 9-volt battery (PP7 or equivalent).

**Wavebands:** M.W. 190-560 m.; L.W. 1100-2000 m.

**Transistors:** (TR1) OC44; (TR2) OC45; (TR3) OC45; (TR4) OC81D; (TR5) OC81; (TR6) OC81. Crystal diodes: (D1) OA70 (A.G.C. damping diode); (D2) OA70 (detector/A.G.C. rectifier).

**Modifications:** In Issue 1 R26 and L1 were used, R25 and C27 not being incorporated. In Issue 2 R26 was replaced by R25 and in Issue 3 L1 was replaced by C27.

**Intermediate Frequency:** 470 kc/s.



PORTADYNE

CIRCUIT DIAGRAM—PORTADYNE MODELS P6 AND "MINX"

<i>Capacitors.</i>		C15	56 pF. (2%)	C26	100	R8	470	R19	470
C5	45 pF. (1%)	C16	0.04	C27	500 pF.	R9	8.2k	R20	820
C6	230 pF. (1%)	C17	0.04			R10	22k	R21	2.2k (5%)
C7	0.01	C18	2700 pF. (2%)			R11	4.7k	R22	39 (5%)
C8	0.01	C19	18 pF. (2%)			R12	3.3k	R23	680k
C9	2700 pF. (2%)	C20	0.01			R13	1k	R24	4.7
C10	0.01	C21	100			R14	1k	R25	330k
C11	8	C22	0.04			R15	5k (Volume)	R26	6.8k
C12	0.04	C23	1			R16	68k		
C13	0.01	C24	3000 pF.			R17	2.2k		
C14	2700 pF. (2%)	C25	100			R18	22k		
				<i>Resistors.</i>					
		R1	10k						
		R2	56k						
		R3	3.3k						
		R4	470						
		R5	56k						
		R6	1.2k						
		R7	1k						

All resistors 10 per cent. unless otherwise indicated.

C27 and R25 not fitted on early versions; R26 and L1 not fitted on later models.