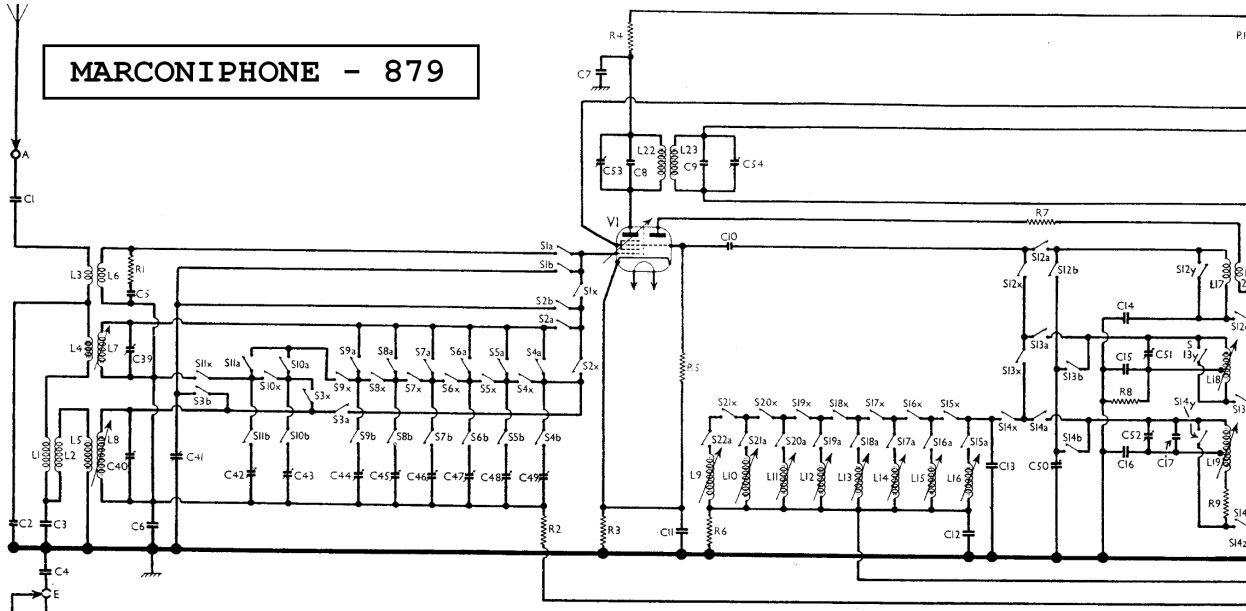


MARCONIPHONE - 879



RESISTANCES		Values (ohms)
R1	Aerial circuit SW damping ..	23
R2	V1 hexode CG decoupling ..	1,500,000
R3	V1 fixed GB resistance ..	350
R4	V1 hex. anode HT feed ..	1,500
R5	V1 osc. CG resistance ..	50,000
R6	Auto osc. circuit damping ..	5,000
R7	V1 osc. anode stabiliser ..	150
R8	Osc. circuit MW damping ..	2,300
R9	Osc. LW reaction damping ..	1,000
R10	V1 osc. anode and V1, V2 SG's decoupling ..	10,000
R11	V2 CG decoupling ..	1,500,000
R12	V1, V2 SG's HT feed ..	5,000
R13	V2 fixed GB resistance ..	350
R14	V3 signal diode load resistances ..	100,000
R15	Manual volume control ..	500,000
R16	V3 triode GB and AVC delay ..	2,000,000
R17	V3 triode anode decoupling ..	2,300
R18	V3 triode anode load ..	10,000
R19	V3 AVC diode load ..	150,000
R20	Variable tone control ..	2,300,000
R21	V4 grid stoppers ..	2,000,000
R22	V4 CG resistance ..	230,000
R23	V4 GB resistances ..	50,000
R24	V4 GB resistances ..	230,000
R25	T1 sec. artificial loading ..	100
R26	Scale lamps shunt resistances ..	50
R27	Heater circuit ballast resistances ..	11.5*
R28		30
R29		370
R30		50
R31		

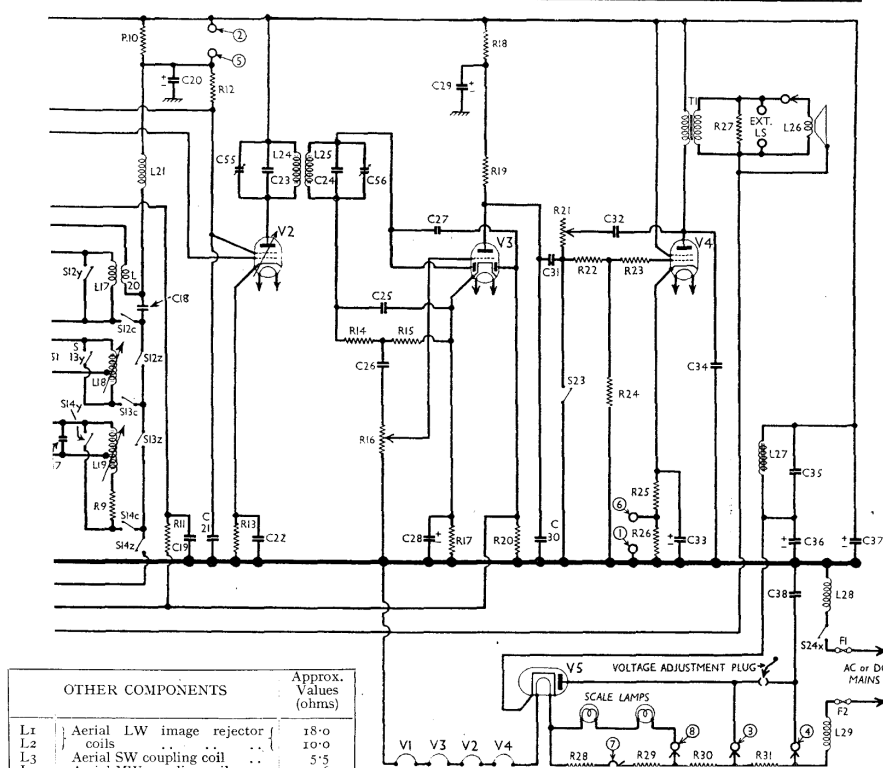
* Two 23 0 resistances in parallel.

CONDENSERS		Values (μF)
C1	Aerial isolating condenser ..	0.001
C2	Part aerial SW coupling ..	0.000015
C3	Part LW image rejector ..	0.00035
C4	Earth isolating condenser ..	0.01
C5	Aerial circuit SW trimmer ..	0.0000075
C6	V1 hexode CG decoupling ..	0.05

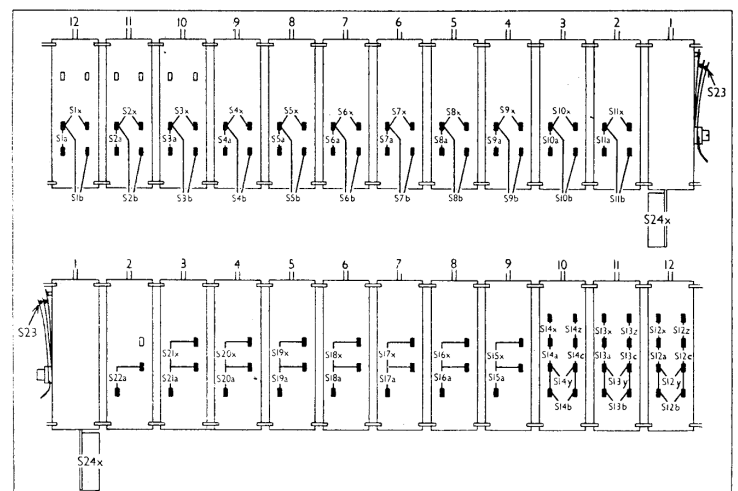
CONDENSERS (Continued)		Values (μF)
C7	V1 hexode anode decoupling ..	0.1
C8	1st IF transformer fixed trimmers ..	0.00005
C9	V1 osc. CG condenser ..	0.00005
C10	V1 cathode by-pass ..	0.1
C11	V1 osc. anode coupling (auto) ..	0.0005
C12	Osc. auto circuit fixed tuning condenser ..	0.000158
C13	Osc. circuit SW tracker ..	0.005
C14	Osc. circuit MW tracker ..	0.00055
C15	Osc. circuit LW tracker ..	0.00023
C16	Osc. circuit LW fixed trimmer ..	0.000075
C17	V1 osc. anode coupling ..	0.005
C18	V2 CG decoupling ..	0.05
C19	V1 osc. anode and V1, V2 SG's decoupling ..	4.0
C20*	V1, V2 SG's RF by-pass ..	0.1
C21	V2 cathode by-pass ..	0.1
C22	2nd IF transformer fixed trimmers ..	0.00013
C23	IF by-pass ..	0.0001
C24	AF coupling to V3 triode ..	0.0023
C25	Coupling to V3 AVC diode ..	0.000075
C26	V3 cathode by-pass ..	50.0
C27	V3 triode anode decoupling ..	4.0
C28*	IF by-pass ..	0.001
C29	V3 triode to V4 AF coupling ..	0.001
C30	Part of variable tone control ..	25.0
C31	V4 cathode by-pass ..	0.0035
C32	Fixed tone corrector ..	0.05
C33	HT smoothing choke shunt ..	16.0
C34	HT smoothing condensers ..	0.01
C35	Mains RF by-pass ..	—
C36	Aerial circuit MW trimmer ..	—
C37	Aerial circuit LW trimmer ..	—
C38	Aerial circ. manual tuning ..	—
C39	Aerial circuit LW auto tuning trimmers ..	—
C40	Aerial circuit MW auto tuning trimmers ..	—
C41	Osc. circ. manual tuning ..	—
C42	Osc. circuit MW trimmer ..	—
C43	Osc. circuit LW trimmer ..	—
C44	1st IF trans. pri. tuning ..	—
C45	1st IF trans. sec. tuning ..	—
C46	2nd IF trans. pri. tuning ..	—
C47	2nd IF trans. sec. tuning ..	—

* Electrolytic. † Variable. ‡ Pre-set.

§ Two 0.000075 μF in parallel.



OTHER COMPONENTS		Approx. Values (ohms)
L1	Aerial LW image rejector coils ..	18.0
L2	Aerial SW coupling coil ..	10.0
L3	Aerial MW coupling coil ..	5.5
L4	Aerial LW coupling coil ..	0.6
L5	Aerial SW tuning coil ..	4.0
L6	Aerial LW tuning coil ..	0.1
L7	Oscillator circuit LW auto tuning coils ..	10.5
L8	Oscillator circuit MW auto tuning coils ..	10.5
L9	Osc. circuit SW tuning coil ..	5.0
L10	Osc. manual MW coil, total ..	5.0
L11	Osc. circuit SW reaction ..	4.0
L12	Osc. circuit SW reaction ..	4.0
L13	Osc. circuit SW reaction ..	4.0
L14	Osc. circuit SW reaction ..	4.0
L15	Osc. circuit SW reaction ..	4.0
L16	Osc. circuit SW reaction ..	4.0
L17	Osc. circuit SW reaction ..	4.0
L18	Osc. circuit SW reaction ..	4.0
L19	Osc. circuit SW reaction ..	4.0
L20	Osc. circuit SW reaction ..	4.0
L21	Osc. circuit SW reaction ..	4.0
L22	Osc. circuit SW reaction ..	4.0
L23	Osc. circuit SW reaction ..	4.0
L24	Osc. circuit SW reaction ..	4.0
L25	Osc. circuit SW reaction ..	4.0
L26	Osc. circuit SW reaction ..	4.0
L27	Osc. circuit SW reaction ..	4.0
L28	Osc. circuit SW reaction ..	4.0
L29	Osc. circuit SW reaction ..	4.0
L30	Osc. circuit SW reaction ..	4.0
L31	Osc. circuit SW reaction ..	4.0
L32	Osc. circuit SW reaction ..	4.0
L33	Osc. circuit SW reaction ..	4.0
L34	Osc. circuit SW reaction ..	4.0
L35	Osc. circuit SW reaction ..	4.0
L36	Osc. circuit SW reaction ..	4.0
L37	Osc. circuit SW reaction ..	4.0
L38	Osc. circuit SW reaction ..	4.0
L39	Osc. circuit SW reaction ..	4.0
L40	Osc. circuit SW reaction ..	4.0
L41	Osc. circuit SW reaction ..	4.0
L42	Osc. circuit SW reaction ..	4.0
L43	Osc. circuit SW reaction ..	4.0
L44	Osc. circuit SW reaction ..	4.0
L45	Osc. circuit SW reaction ..	4.0
L46	Osc. circuit SW reaction ..	4.0
L47	Osc. circuit SW reaction ..	4.0
L48	Osc. circuit SW reaction ..	4.0
L49	Osc. circuit SW reaction ..	4.0
L50	Osc. circuit SW reaction ..	4.0
L51	Osc. circuit SW reaction ..	4.0
L52	Osc. circuit SW reaction ..	4.0
L53	Osc. circuit SW reaction ..	4.0
L54	Osc. circuit SW reaction ..	4.0
L55	Osc. circuit SW reaction ..	4.0
L56	Osc. circuit SW reaction ..	4.0
L57	Osc. circuit SW reaction ..	4.0
L58	Osc. circuit SW reaction ..	4.0
L59	Osc. circuit SW reaction ..	4.0
L60	Osc. circuit SW reaction ..	4.0
L61	Osc. circuit SW reaction ..	4.0
L62	Osc. circuit SW reaction ..	4.0
L63	Osc. circuit SW reaction ..	4.0
L64	Osc. circuit SW reaction ..	4.0
L65	Osc. circuit SW reaction ..	4.0
L66	Osc. circuit SW reaction ..	4.0
L67	Osc. circuit SW reaction ..	4.0
L68	Osc. circuit SW reaction ..	4.0
L69	Osc. circuit SW reaction ..	4.0
L70	Osc. circuit SW reaction ..	4.0
L71	Osc. circuit SW reaction ..	4.0
L72	Osc. circuit SW reaction ..	4.0
L73	Osc. circuit SW reaction ..	4.0
L74	Osc. circuit SW reaction ..	4.0
L75	Osc. circuit SW reaction ..	4.0
L76	Osc. circuit SW reaction ..	4.0
L77	Osc. circuit SW reaction ..	4.0
L78	Osc. circuit SW reaction ..	4.0
L79	Osc. circuit SW reaction ..	4.0
L80	Osc. circuit SW reaction ..	4.0
L81	Osc. circuit SW reaction ..	4.0
L82	Osc. circuit SW reaction ..	4.0
L83	Osc. circuit SW reaction ..	4.0
L84	Osc. circuit SW reaction ..	4.0
L85	Osc. circuit SW reaction ..	4.0
L86	Osc. circuit SW reaction ..	4.0
L87	Osc. circuit SW reaction ..	4.0
L88	Osc. circuit SW reaction ..	4.0
L89	Osc. circuit SW reaction ..	4.0
L90	Osc. circuit SW reaction ..	4.0
L91	Osc. circuit SW reaction ..	4.0
L92	Osc. circuit SW reaction ..	4.0
L93	Osc. circuit SW reaction ..	4.0
L94	Osc. circuit SW reaction ..	4.0
L95	Osc. circuit SW reaction ..	4.0
L96	Osc. circuit SW reaction ..	4.0
L97	Osc. circuit SW reaction ..	4.0
L98	Osc. circuit SW reaction ..	4.0
L99	Osc. circuit SW reaction ..	4.0
L100	Osc. circuit SW reaction ..	4.0



Diagrams of the press-button unit. The lower one is drawn as seen from beneath the chassis, while the upper one shows the switches on the reverse side of the unit.