

TAI96M

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MURPHY SUPPLEMENTARY SERVICE INSTRUCTIONS

TO BE USED WITH THE INSTRUCTIONS FOR THE TAI96 AND TUI96 RECEIVERS

The TAI96M is a slightly modified version of the TAI96.
The differences are given in the Parts Lists below, and
reference should be made to the "196" Service Instructions
for all details not given here.

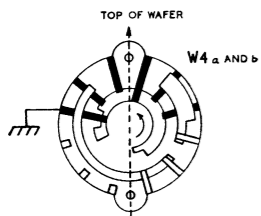
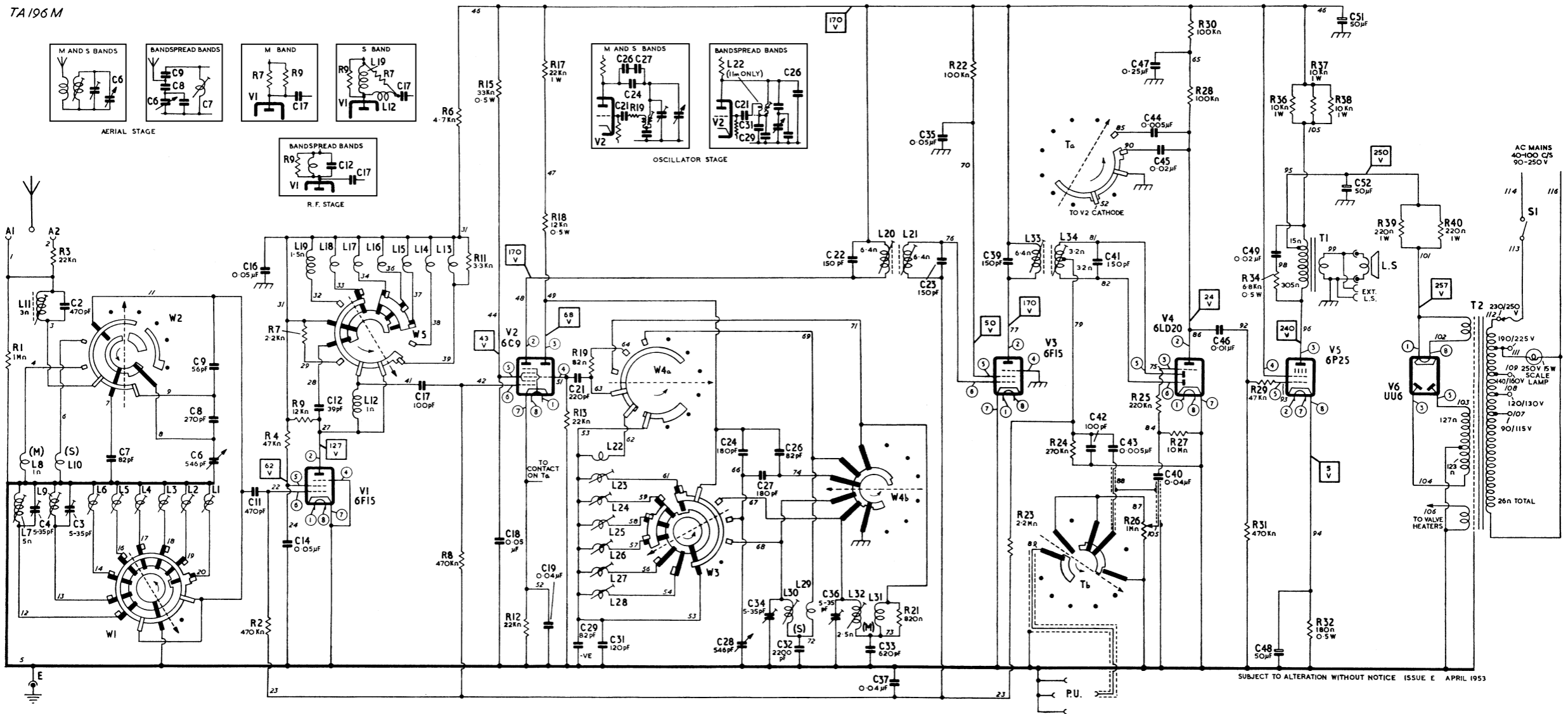
PARTS LIST (Electrical Components)

PART NO.	CIRCUIT NO.	VALUE	TOLERANCE AND REMARKS	PART NO.	CIRCUIT NO.	VALUE	TOLERANCE AND REMARKS
23693	C1		Deleted	25517	R15	33 K Ω	10%, 0.5 W
	C8	270 pF	10%, p.s.m.		R16		Deleted
	C13		Deleted	25471	R17	22 K Ω	10%, 1 W
28961	C22	150 pF	5%, p.s.m.		R20		Deleted
28961	C23	150 pF	5%, p.s.m.	27269	R22	100 K Ω	20%
41403	C35	0.05 μ F	20%, tub.	25861	R24	270 K Ω	10%
	C38		Deleted	52775	R26	1 M Ω	Volume control
28961	C39	150 pF	5%, p.s.m.	27653	R27	10 M Ω	20%
49454	C40	0.04 μ F	25%, m.tub., 150 v.w.	27269	R30	100 K Ω	20%
28961	C41	150 pF	5%, p.s.m.		R33		Deleted
41409	C44	0.005 μ F	25%, tub., 500 v.w.	25343	R36	10 K Ω	10%, 1 W
41411	C45	0.02 μ F	20%, tub., 500 v.w.	25343	R37	10 K Ω	10%, 1 W
53064	C46	0.01 μ F	20%, i.s. tub., 500 v.w.	25343	R38	10 K Ω	10%, 1 W
41405	C47	0.25 μ F	20%, tub.	24703	R39	220 Ω	10%, 1 W
31314	C48	50 μ F	+100% —20%, elec. 12 v.w.	24703	R40	220 Ω	10%, 1 W
41423	C49	0.02 μ F	25%, tub., 750 v.w.				
	C50		Deleted				
56155	{ C 51	50 μ F	+50% —20%, elec.				
	{ C 52	50 μ F					
27141	R3	22 K Ω	20%				
	R10		Deleted				
27141	R12	22 K Ω	20%				
	R14		Deleted				
				PART NO.	CIRCUIT NO.	RESISTANCE (D.C.)	REMARKS
				61030	T1	{ 305 + 15 Ω pri — sec }	o.t.

PARTS LIST (Mechanical Components)

PART NO.	DESCRIPTION	REMARKS	PART NO.	DESCRIPTION	REMARKS
61031	Cabinet		60990	Lamp	250 V, 15 W, b.c. switchboard indicator type
1829/16	Fabric		61029	R.F. unit assembly	less valves
56622	Grommet (3)	for ganged capacitor mounting	61425	Scale, tuning	general
61434	Indication disc	for on/off/Tone/R.G switch	61436	Scale, tuning	India
61432	Indication disc	for r.f. (unit/wave change switch)	61437	Scale, tuning	Africa
61032	Label for back	receiver type TAI96M			

TA196 M



Voltages were taken with a 20,000Ω/volt meter under “no signal” conditions with the receiver switched to the “M” band.

Where the resistance of a coil is less than 1 ohm, the value is omitted.

The valve pin numbers are shown in the small circles. The wave change switch is shown in the 11M position. Rotate in the direction of the arrows for 13, 16, 19, 25, 31, S and M bands.

The switch wafers are shown as seen from the rear of the chassis; the black contacts and inner rotors are on the hidden sides of the wafers. The arrow heads on the dotted lines indicate the part of the wafer farther from the chassis. Blank positions and anchoring tags are shown by a spot.

The Tone switch is shown in the “Low, Radio” position.

