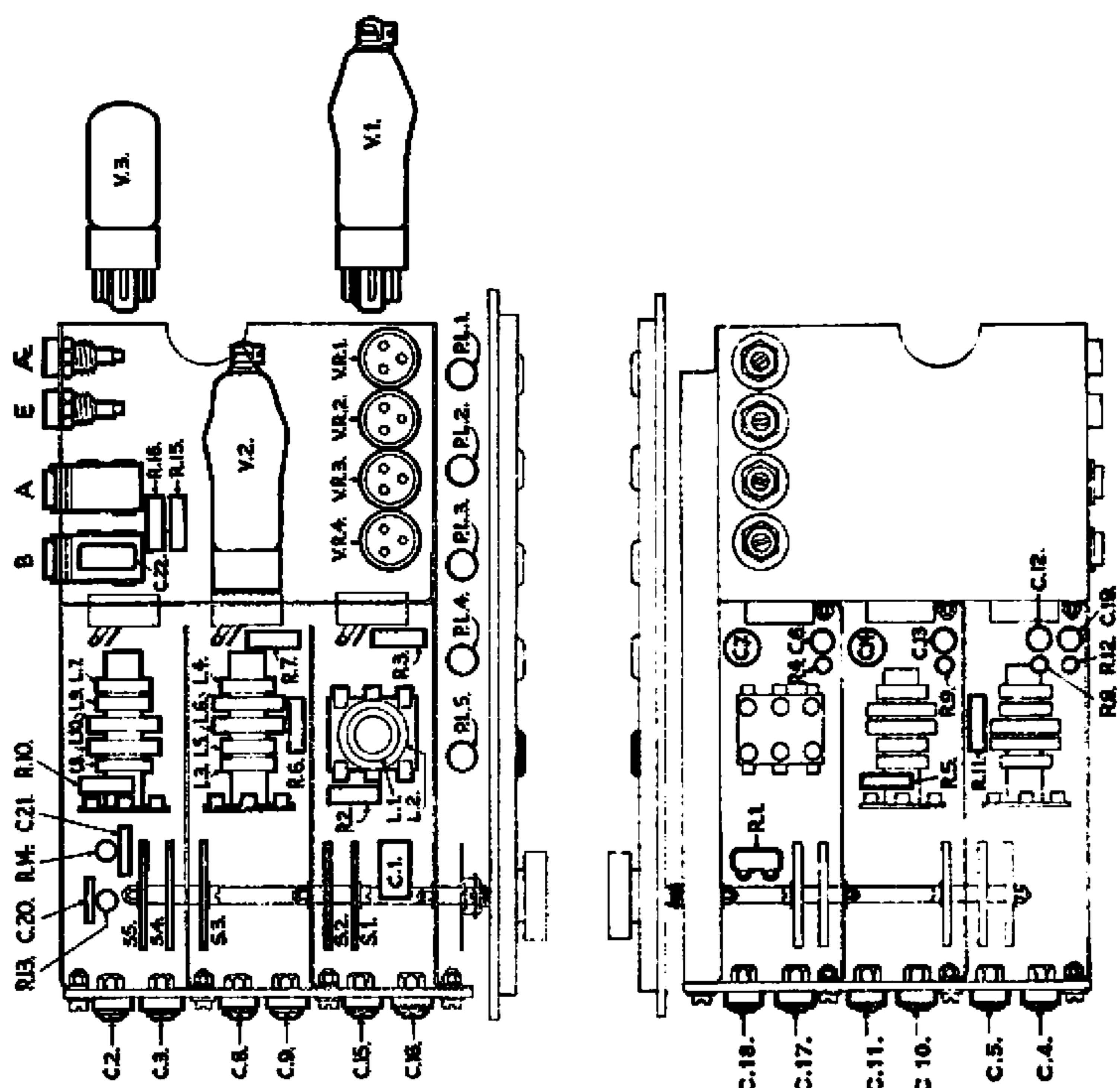


The QUAD/R Tuner Unit



COMPONENTS LIST			
R.1	5 ohms.	3 watt	75-450 pf.
R.2	50,000 ohms.	10%	500v. D.C. wkg.
R.3	15,000 ohms.	10%	500v. D.C. wkg.
R.4	1,500 ohms.	10%	500v. D.C. wkg.
R.5	50,000 ohms.	10%	150v. D.C. wkg.
R.6	100,000 ohms.	10%	350v. D.C. wkg.
R.7	15,000 ohms.	10%	500v. D.C. wkg.
R.8	27,000 ohms.	10%	500v. D.C. wkg.
R.9	1,500 ohms.	10%	500v. D.C. wkg.
R.10	50,000 ohms.	10%	500v. D.C. wkg.
R.11	27,000 ohms.	10%	350v. D.C. wkg.
R.12	27,000 ohms.	10%	350v. D.C. wkg.
R.13	470,000 ohms.	10%	350v. D.C. wkg.
R.14	4,700 ohms.	10%	500v. D.C. wkg.
R.15	10,000 ohms.	10%	500v. D.C. wkg.
R.16	50,000 ohms.	10%	500v. D.C. wkg.
V.R.1, V.R.2, V.R.3, V.R.4	50,000 ohms linear 10%		350v. D.C. wkg.
C.1	45 pf. silvered mica.		
C.2	20-250 pf. 500v. D.C. wkg.		
S.1	Switch P/No. 661F.	L.3	P.L.1
S.2		L.4	P.L.2
S.3		L.5	P.L.3
S.4		L.6	P.L.4
S.5		L.7	P.L.5
L.1	Aerial Coil.	L.8	V.1 E.F.35
L.2		L.9	V.2 E.F.36
		L.10	V.3 E.B.34

VOLTAGES

Test Point	Static No Signal	Remarks
Pin 6, V.3.	280v. D.C. pos.	h.h. is C.T. to chassis
Across Pins 2 & 7 V.3	6.3v. A.C. rna.	Valve voltmeter
Pin 4, V.2.	162v. D.C. pos.	Valve voltmeter
Pin 3, V.2.	<162v. D.C. pos.	—
Pin 8, V.2.	4v. D.C. pos.	—
Pin 3, V.1.	< 63v. D.C. pos.	Valve voltmeter
Pin 4, V.1.	63v. D.C. pos.	Valve voltmeter
Pin 8, V.1.	1.3v. D.C. pos.	—

NOTE.—All voltages taken with respect to chassis unless otherwise stated.



For use with the QUAD 11 the following modifications are required:-

- (a) Change R.14 from 4,700 ohms to 47,000 ohms.
- (b) " C.21 " 600 pf to 100 pf
- (c) " 4 pin plug and jack to new types supplied with QUAD 11.
- (d) Fit 0.25 mfd condensor in series with output signal, i.e. between switch 5 and output lead.