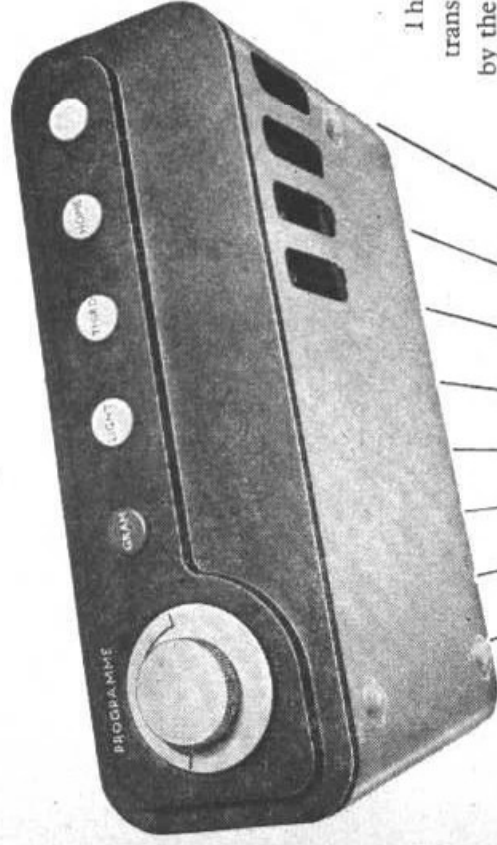




The Acoustical **FOR** Q.U.A.D/R Tuner

This unit is primarily designed to receive transmissions at a standard of reproduction by the quality of the transmission itself.

It is in the nature of things that this quality obtained if the geographical position of the receiver is situated in relation to the transmitter. In the percentage of the population so situated for all programmes is very low.

Allowing for a very small degradation of quality, the considerably increased and something over half the population in a position to receive at least two programmes at high quality. For the remainder, a severe cut in quality is essential in order to obtain usable reception.

The Q.U.A.D/R unit is suitable for those in the first two categories. It is not recommended for those in the third group.



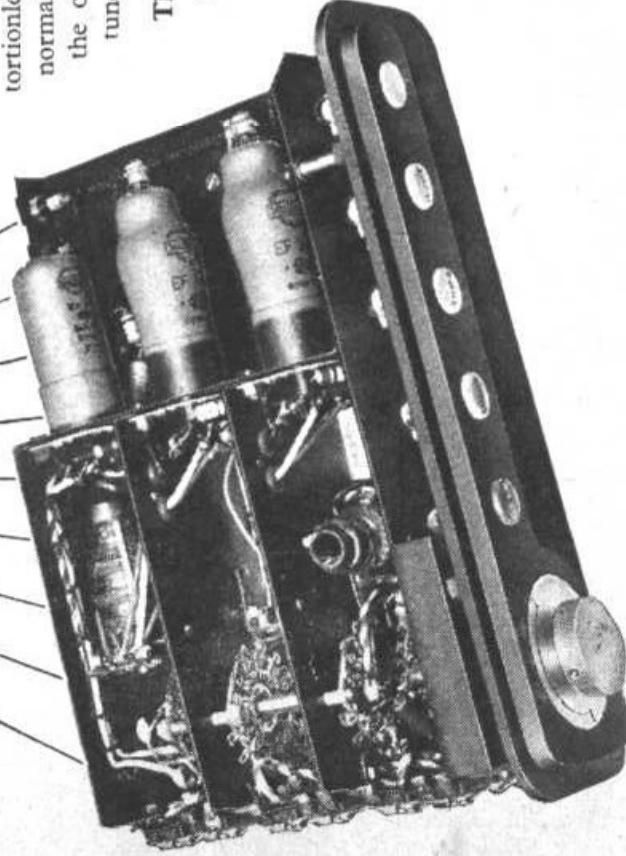
The panel incorporates a five position rotary switch together with five indicator lamps showing the programme selected. Three of the positions cover the medium wave-band. The fourth covers long waves and the fifth is for gramophone reproduction.

Each of the four radio channels is separately tuned at the back and each one can be separately set for selectivity and sensitivity. Once set, therefore, it is only necessary to switch to the programme required and it will be received at the highest possible quality for that station in the area where the receiver is used (this only holds for reception conditions above a certain minimum standard).

The receiver is supplied complete with plugs, etc. for direct connection to a Q.U.A.D amplifier. In view of the distortionless detector which is used, the tuner unit is not normally suitable for use with other amplifiers because the output level is very much lower than conventional tuner units.

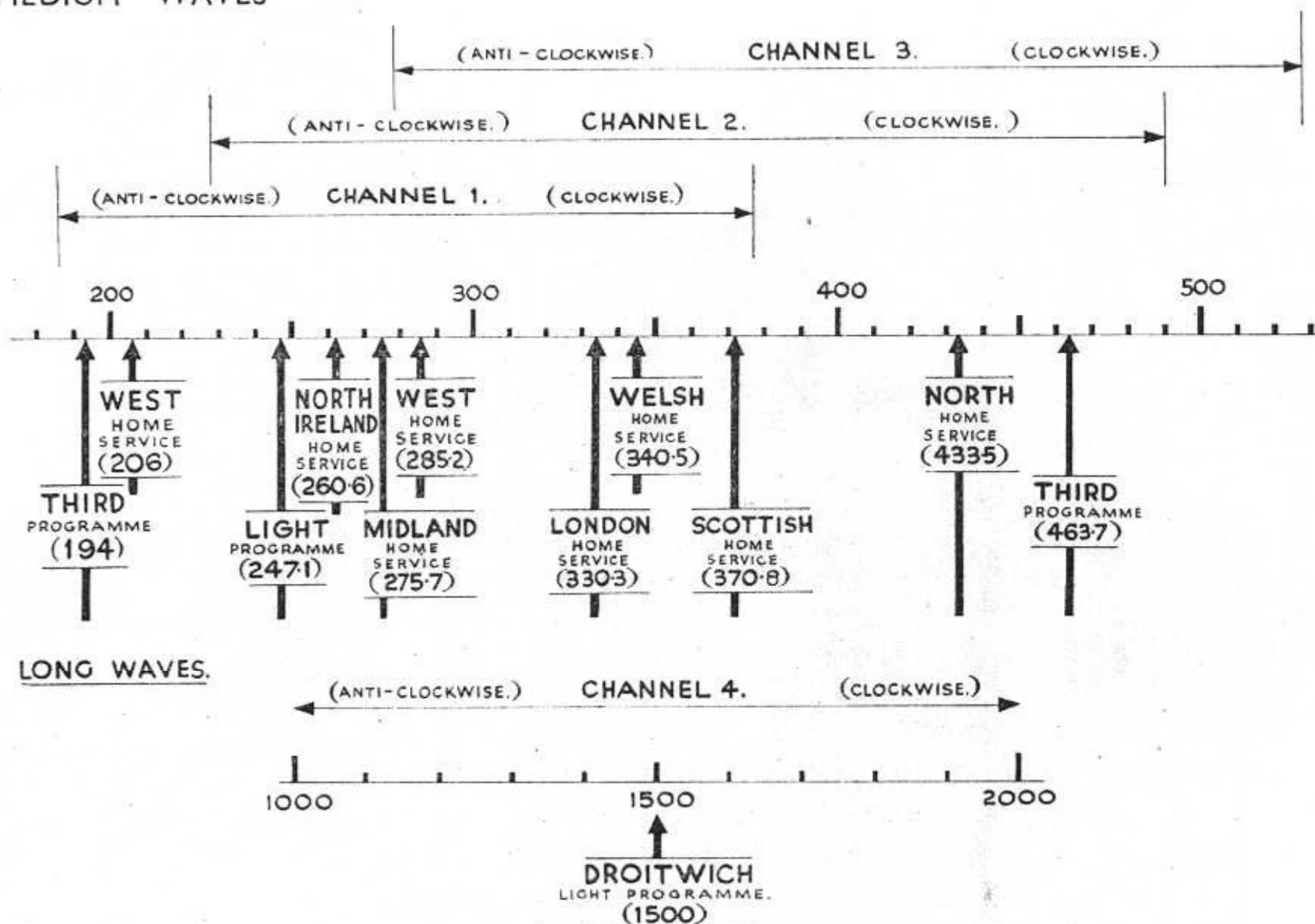
**The Q.U.A.D/R Tuner Unit, complete
as illustrated £26 (incl. tax)**

Full details are now available.

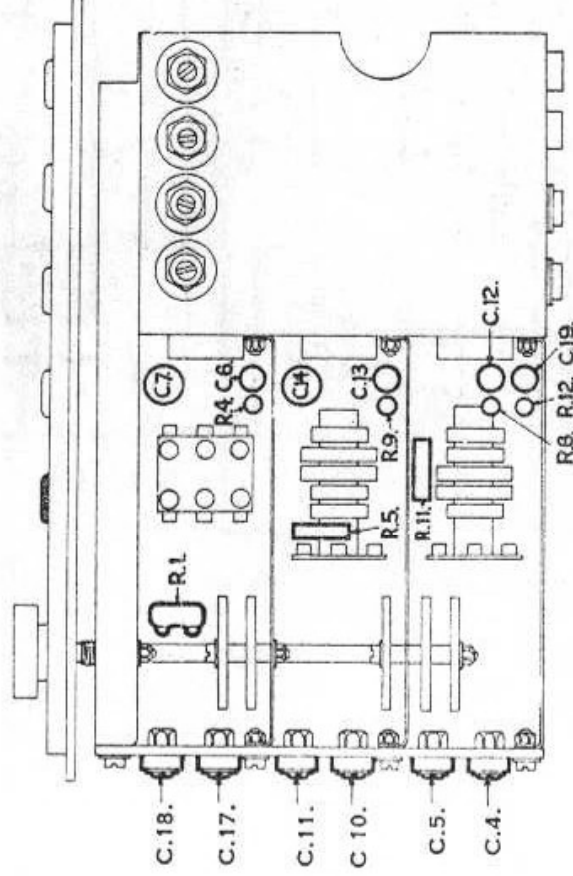
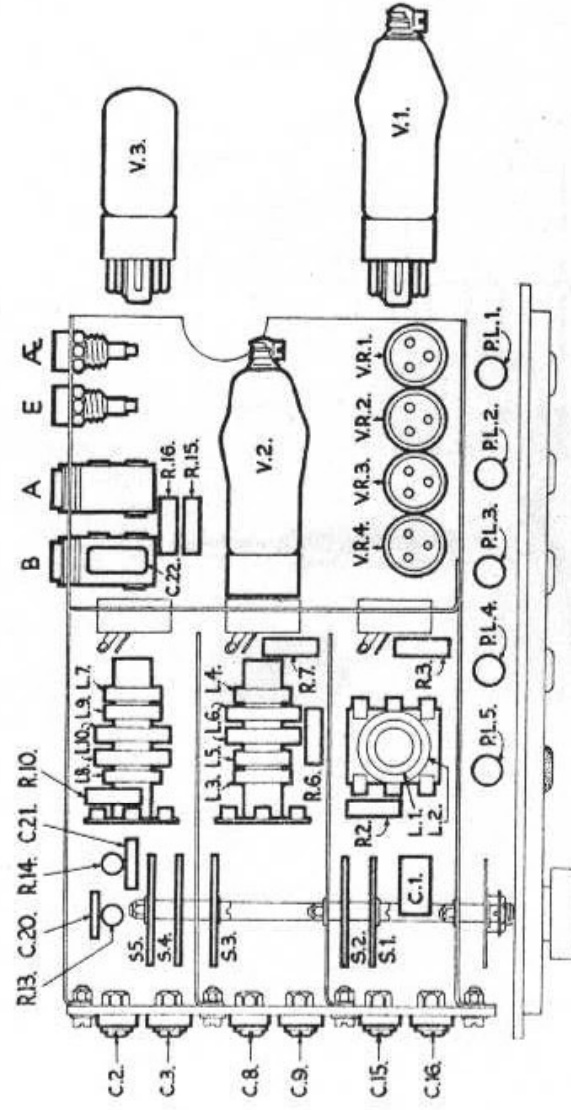


Acoustical
MANUFACTURING CO. LTD.
HUNTINGDON · HUNTS · TEL. 1361

MEDIUM WAVES



N.B. THIS DIAGRAM IS IN ACCORDANCE WITH THE COPENHAGEN WAVELENGTH PLAN AT PRESENT IN FORCE (JAN. 1951.)



COMPONENTS LIST

R.1	5 ohms.	3 watt	± 10%	C.3	75-450 pf.	500v. D.C.	wkg.
R.2	50,000 ohms.	1 watt	± 10%	C.4	100-580 pf.	500v. D.C.	wkg.
R.3	15,000 ohms.	1 watt	± 10%	C.5	75-450 pf.	500v. D.C.	wkg.
R.4	1,500 ohms.	1 watt	± 10%	C.6	0.1 mfd.	150v. D.C.	wkg.
R.5	50,000 ohms.	1 watt	± 10%	C.7	0.1 mfd.	350v. D.C.	wkg.
R.6	100,000 ohms.	1 watt	± 10%	C.8	20-250 pf.	500v. D.C.	wkg.
R.7	15,000 ohms.	1 watt	± 10%	C.9	75-450 pf.	500v. D.C.	wkg.
R.8	27,000 ohms.	1 watt	± 10%	C.10	100-580 pf.	500v. D.C.	wkg.
R.9	1,500 ohms.	1 watt	± 10%	C.11	75-450 pf.	500v. D.C.	wkg.
R.10	50,000 ohms.	1 watt	± 10%	C.12	0.01 mfd.	350v. D.C.	wkg.
R.11	27,000 ohms.	1 watt	± 10%	C.13	0.1 mfd.	150v. D.C.	wkg.
R.12	27,000 ohms.	1 watt	± 10%	C.14	0.1 mfd.	350v. D.C.	wkg.
R.13	470,000 ohms.	1 watt	± 10%	C.15	20-250 pf.	500v. D.C.	wkg.
R.14	4,700 ohms.	1 watt	± 10%	C.16	75-450 pf.	500v. D.C.	wkg.
R.15	10,000 ohms.	1 watt	± 10%	C.17	100-580 pf.	500v. D.C.	wkg.
R.16	50,000 ohms.	1 watt	± 10%	C.18	75-450 pf.	500v. D.C.	wkg.
V.R.1, V.R.2, V.R.3, V.R.4, 50,000 ohms linear 10%				C.19	0.01 mfd.	350v. D.C.	wkg.
C.1	45 pf. silvered mica.			C.20	45 pf. silvered mica.		
C.2	20-250 pf. 500v. D.C. wkg.			C.21	600 pf. moulded mica.		
C.22	0.05 mfd. 250v. D.C. wkg.			C.22	0.05 mfd. 250v. D.C. wkg.		

S.1	Switch P/No. 661F.	L.3	1st Inter-stage coil.	P.L.1	6.5v. 0.3A.
S.2		L.4		P.L.2	12m/m R.D.
S.3		L.5		P.L.3	Mes. Bu'bs.
S.4		L.6		P.L.4	
S.5		L.7		P.L.5	
L.1	Aerial Coil.	L.8	2nd Inter-stage coil.	V.1	E.F.36 } R.F. Pentode
L.2		L.9		V.2	E.F.36 }
		L.10		V.3	E.B.34 } Doub'e diode

