

KW ELECTRONICS

presents

The KW 600

Linear Amplifier

for 10-80 metres operation

- ★ NO EXTERNAL ANTENNA SWITCHING REQUIRED
- ★ ALL PARTS CONSERVATIVELY RATED
- ★ MODERN EFFICIENT P.A. TUBE—SPARES INEXPENSIVE
- ★ ATTRACTIVE APPEARANCE
- ★ OUTPUT IMPEDANCE ADJUSTABLE
- ★ R.F. COMPARTMENTS DOUBLE SCREENED TO REDUCE TVI

The K.W. 600 Linear Amplifier is designed to be driven by the K.W. 2000, K.W. 2000A, K.W. Viceroy or similar medium powered SSB transmitters and transceivers. Good linear operation is achieved for Single Sideband or CW with useful power gain.

The unit employs a 572B triode valve amplifier in a grounded grid circuit and incorporates internal power supplies. The H.T. supply produces approximately 2000 volts, which can run the P.A. at over 500 watts input on CW and SSB. A rockette type switch reduces the power input to 150 watts for carrier insertion conditions when tuning up, or for reduced power operation.

The amplifier operates on the 10, 15, 20, 40 and 80 meter bands. The antenna output is low impedance from a pi-section filter and the antenna is connected automatically to the exciter when the linear is switched off. It is thus possible to switch from the 'bare foot' exciter to the linear merely by switching on the mains supply to the linear amplifier.

Drive from the exciter is applied to the cathode (heater) of the 572B. The driving power required is approximately 20 watts of R.F., which is additive to the output of the power amplifier.

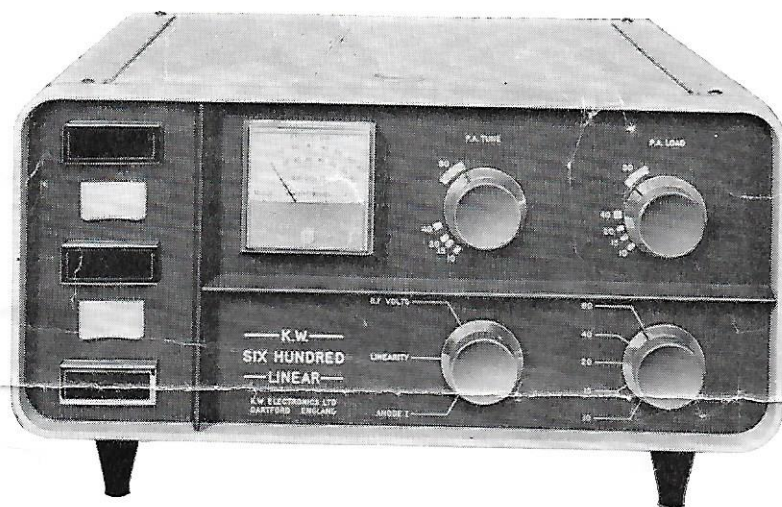
The power supply employs the latest type of silicon rectifiers which are virtually free from hash.

A special meter is incorporated for 'P.A. current', 'R.F. output voltage' and 'linearity'. The 'linearity' scale enables the operator to tune and adjust the P.A. for correct loading and minimum distortion.

The P.A. stage is completely screened (double screened with cabinet) and a small fan is used for cooling. Front panel markings are engraved and lamps indicate 'MAINS ON', HIGH and LOW POWER operation.

VALVES	—	1 x 572B plus silicon rectifier printed circuit module using BY100 or 80AS
OUTPUT SOCKET	—	SO239, Plug PL259
INPUT SOCKET	—	Belling & Lee Socket L-604, Plug L-734P
A.C. MAINS OUTPUT	—	200-250v A.C. 45-65 cycles (115v available to order)
Attractive Cabinet with Lift-up Lid	—	12½" deep, 6" high and 13½" wide
WEIGHT	—	40 lbs. approximately

PRICE COMPLETE WITH VALVES: XXXXXXXXXX £110 0. 0.



K. W. ELECTRONICS LTD

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