



**'STEREO 50'**  
**POWER AMPLIFIER**

**FREQUENCY RESPONSE**

$\pm 0.5$ db, 20 c/s to 20 kc/s.

**DAMPING FACTOR**

25, measured at 1,000 c/s.

**INPUT IMPEDANCE**

1 megohm, plus approximately 5 mmfd.

**STABILITY MARGINS**

Gain, 10db  $\pm$  3db.

Phase, 20°  $\pm$  10°.

**LOUDSPEAKER IMPEDANCES**

Loudspeakers of any impedance between 3 ohms and 20 ohms may be used. Adjustable plugs on top of each output transformer select three tapplings, nominally 16 ohms, 8 ohms and 4 ohms.

**CONSUMPTION**

180 watts (185 watts with Leak pre-amplifier).

**POWER SUPPLY**

200 — 250V, 50 — 100 c/s.

or. (alternative model) 100 — 125V, 50 — 100 c/s.

A voltage selector plug is fitted on top of the mains transformer.

**SPARE SUPPLIES**

A double socket marked "A.C. OUTLETS" is fitted as a convenient source of power supply for gramophone motors, etc. Corresponding plugs with 6 ft. (2 metre) cables are supplied with the amplifier.

**DIMENSIONS**

10 $\frac{1}{2}$ "  $\times$  13 $\frac{1}{4}$ "  $\times$  6 $\frac{1}{8}$ " high (27  $\times$  33.3  $\times$  17.5 cms.).

**WEIGHT**

27 lbs. 6 ozs. (12.42 kgs.).

**FIXING**

Four brackets and screws are supplied for fixing the amplifier to a baseboard.

**PRICE:** 40 guineas.

**TO ENGINEERS IN COMMUNICATIONS ESTABLISHMENTS**

We have a very wide experience of modifying our amplifiers to suit special requirements. As examples, meter switching can be incorporated and a variety of panel mountings can be arranged. Please do not hesitate to let us know your physical requirements. Kindly note that modifications are undertaken only on minimum orders of 100 amplifiers of one type.

H. J. LEAK & CO. LTD. (Est. 1934), BRUNEL ROAD, WESTWAY FACTORY ESTATE, LONDON, W.3, ENGLAND  
Telephone: Shepherds Bush 1173 (4 lines).      Telegrams — Inland: Sinusoidal, Ealux, London.      Foreign: Sinusoidal, London.