



**MODEL 500 · Price 94 gns**

*including 1 YEAR'S*

**FREE SERVICE**

*(including valves)*

*Reflectograph*

**THE PROFESSIONAL RECORDER FOR THE HOME**

IF YOU are seriously interested in making high quality recordings at home you will want to be the proud owner of the Reflectograph Model 500, which is the *only* recorder costing less than £500 possessing all these advantages.

- 21 features including variable speed between 8 and  $3\frac{1}{2}$  i.p.s. Stroboscope shows precise speeds of  $7\frac{1}{2}$  and  $3\frac{1}{2}$  i.p.s.
- 3 heads — separate record and playback amplifiers providing instant monitoring off the tape whilst recording.
- Frequency characteristics guaranteed to comply with C.C.I.R. standards.
- Lever controls providing instant start and stop — fast and slow forward and rewind with inching — sound available if required.

#### Service & Maintenance Guarantee

1 year's free Service and Maintenance Guarantee (including valves) available throughout U.K. Service undertaken immediately by engineers of E.M.I. Company, Home Maintenance Ltd. Annual Service Contract available for 20 years subsequently for small annual fee.

#### Stereophonic Recording & Reproduction

Provision for conversion for *stereo recording* as well as stereo reproduction.

#### Recommended by High Fidelity Manufacturers

The high quality reproduction obtainable from the Reflectograph has resulted in orders being received from gramophone recording studios, broadcasting authorities, and many industrial firms.

The majority of high fidelity amplifier manufacturers use and recommend the Reflectograph. At the last Northern and London Audio Fairs, H. J. Leak & Co. Ltd., used the Reflectograph exclusively for supplying a tape input during demonstrations of their latest amplifiers.

**FOR THE TECHNICAL MAN**—Dimensions: 21" long x 14½" wide x 10½" high; Weight 50 lbs. Frequency Response:  $\pm 2$  dB. 50–10,000 c/s;  $\pm 3$  dB. 45–12,000 c/s. Overall Response: Strictly to C.C.I.R. recommended specifications. Signal to Noise Ratio: Better than —45 dB. (unweighted, including hum). Output from Playback Pre-amplifier: 200mV. R.M.S. Inputs to Record Amplifier (High Impedance): Microphone 1mV.; Radio or pick-up 50–200mV.—for maximum record level. "Wow" and "Flutter": Better than 0.2% R.M.S. as measured on the G.B.-Kalee Flutter Meter.

#### OPINIONS OF TECHNICAL EXPERTS

P. Wilson, M.A., "The Gramophone"

This is without doubt the most versatile domestic tape recorder that I have had the pleasure of trying out, and the quality, both of its recording and its playback, is of exceptionally high standard. For quality of performance, then, I give the instrument full marks: I know of no better. For the construction I have nothing but praise. There is nothing flimsy about it either as a piece of mechanism or on the electronic side. It is a fine piece of engineering up to the highest British standards.

D. W. Aldous, M.Inst.E., M.B.K.S.

"The Gramophone Record Review"

The separate record and replay amplifiers make possible the direct monitoring from the tape during the actual recording and this facility is certainly a boon. There is no doubt whatever that when one has used this type of recorder one never wishes to return to the combined record/playback type of instrument. I have never heard better quality at  $7\frac{1}{2}$  in.p.s. from any tape recorder that has passed through my hands. The "Reflectograph" is a pedigree tape recorder of immaculate construction and impeccable performance.

James Moir, "Hi-Fi News"

Separate motors are used for capstan drive and both spools, all three motors being of Garrard manufacture. The overall impression after some months of use is that the machine is convenient and pleasant to handle, while the extra facilities make it very suitable for professional use.

**MULTIMUSIC LTD., MAYLANDS AVENUE, HEMEL HEMPSTEAD, HERTS. TELEPHONE BOXMOOR 3636.**