

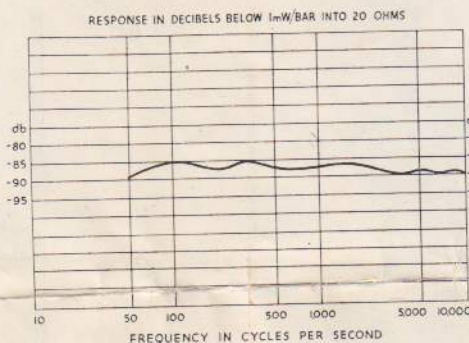
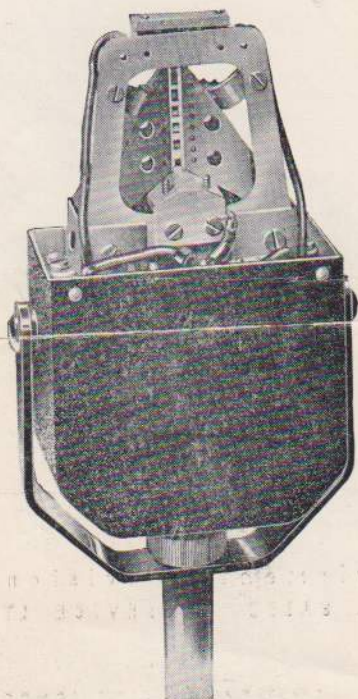
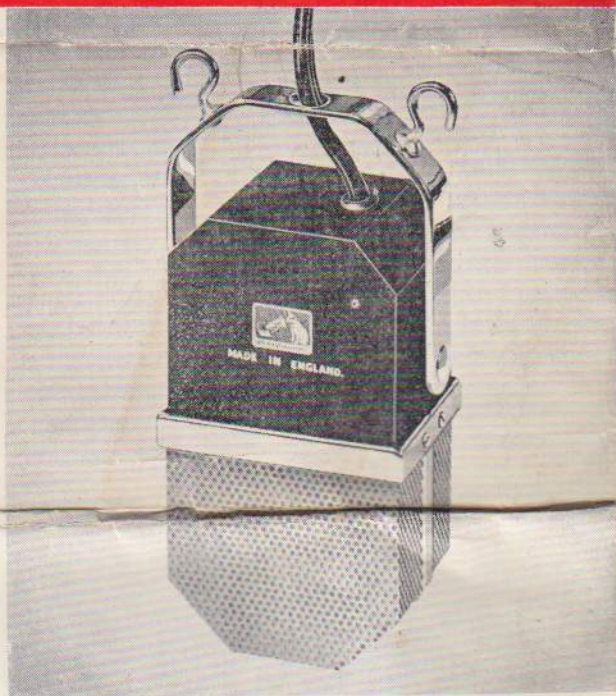
The H.M.V.

RIBBON MICROPHONES TYPES 2350H/2351H

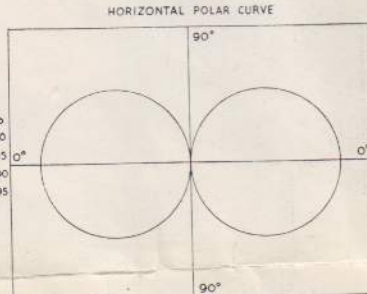
The H.M.V. Ribbon Microphone is a precision instrument designed to exacting professional standards. For recording or sound reproduction it is capable of faithfully and naturally translating the complex sound waves of a full orchestra, speech or other sounds into equivalent and accurate electrical impulses necessary for high fidelity work.

This microphone will respond perfectly to the softer shades and overtones of instruments and voices and when used under conditions of high sound intensity is particularly free from distortion.

Reference to the specification shows its excellent electrical characteristics.



The frequency response of the H.M.V. ribbon microphone is shown above and is seen to be substantially uniform over the range 50-10,000 cps.



The approximate horizontal polar curve at all frequencies for the H.M.V. ribbon microphone is drawn above. The vertical curve, due to the specially shaped ribbon used, is similar.

The directional properties of this microphone approach the normal cosine law at all frequencies taken about axes along the length and breadth of the ribbon. This makes it especially suitable for speech or orchestral recording, giving an increased ratio of direct to reverberant sound in a "live" room or studio with a reduction of side noise.

TECHNICAL SPECIFICATION

- **SENSITIVITY.** —85 db on 1mW/BAR into 20 ohms.
- **FREQUENCY RESPONSE.** Within $\pm 2\frac{1}{2}$ db between 50 and 10,000 cps.
- **RIBBON.** Corrugated Aluminium ribbon of very light weight for smooth frequency response. The ribbon is suitably protected by the cover against normal indoor draughts.
- **DIRECTIONAL PROPERTIES.** Closely follows the normal cosine law at all frequencies for axes taken about the length and breadth of the ribbon.
- **TRANSFORMER.** For feeding into a 20 ohm line balanced or unbalanced. 30 feet of twin screened cable supplied for balanced or unbalanced connections.

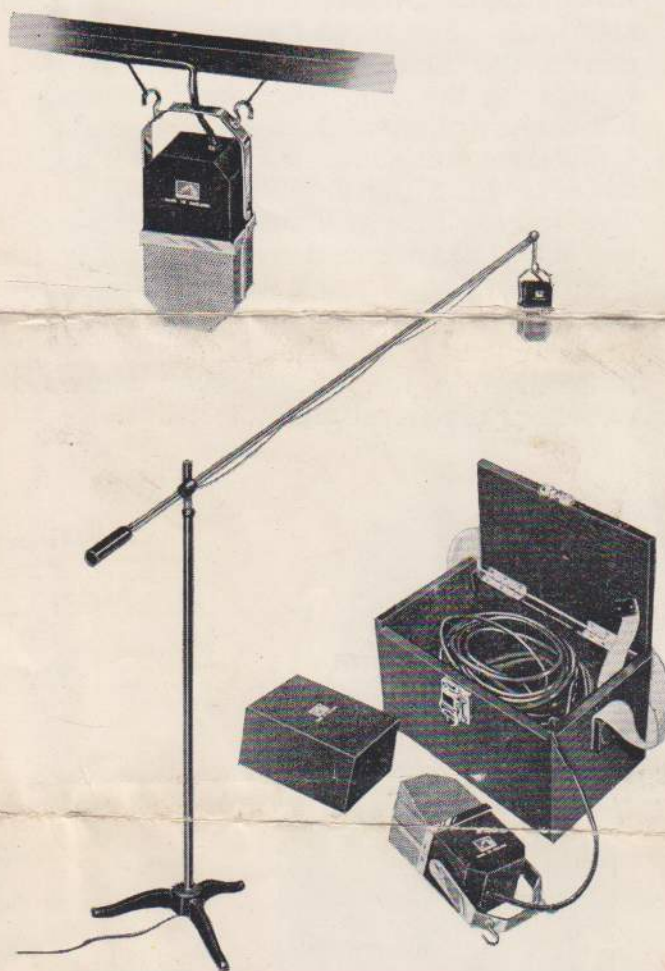
● **CONSTRUCTION.** Type 2350H fitted with a heavy detachable base so that the microphone may be mounted on a floor stand. The microphone is pivoted on the stirrup to allow for adjustment. A special cover is provided to enclose the microphone element and protect it from shock, air-blast, etc., when not in use.

Type 2351H microphone unit only, on which are mounted suspension hooks for boom mounting or ceiling suspension. It may also be used on floor stands or table stands. Also supplied with protective cover.

- **FINISH.** Chrome and fine crackle black.

Price on Application

As we are constantly striving to improve our products, equipment supplied may differ slightly from the illustrations and descriptions given in this leaflet.



THE GRAMOPHONE COMPANY, LTD.

(Domestic Recording Equipment Division)
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