

Enceintes acoustiques

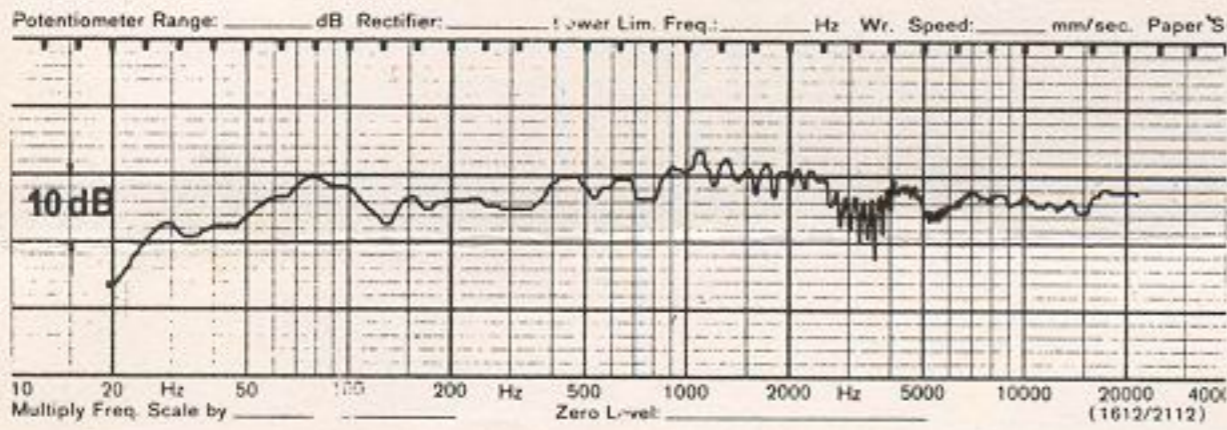
FRIED Model H

(Translated by Irving M. Fried)

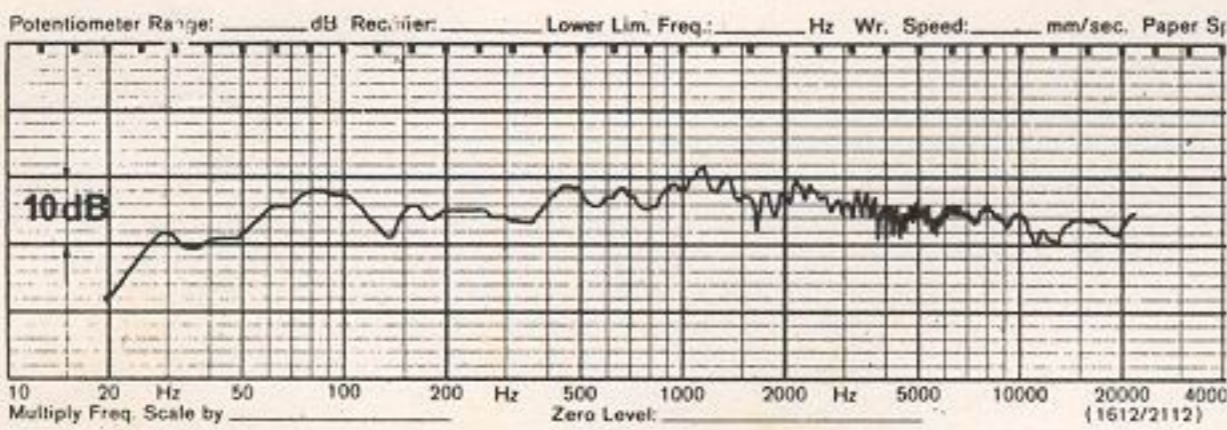
FRIED

Type: IM FRIED Model H

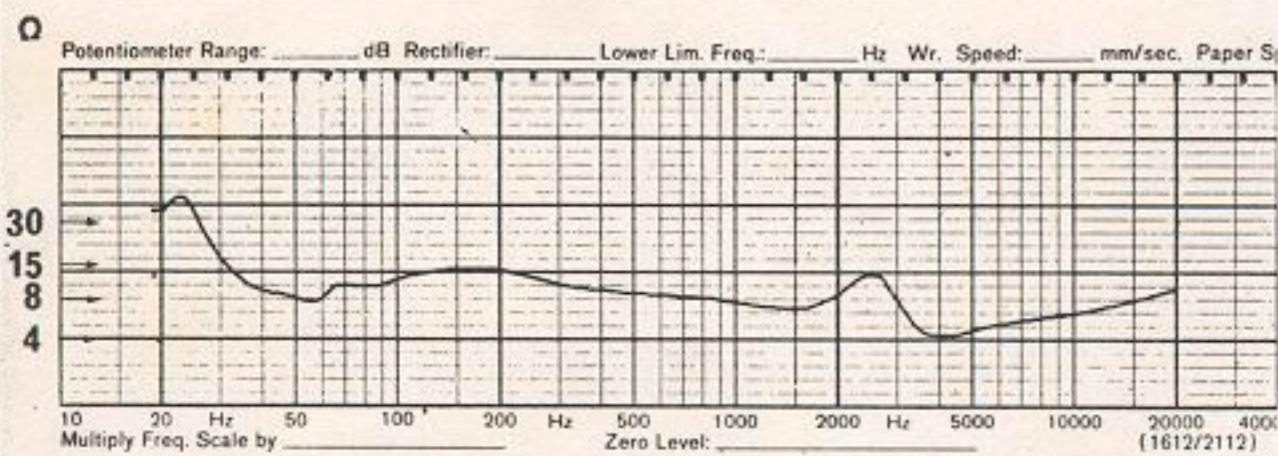
COURBE AMPLITUDE FREQUENCE Dans l'axe



A 30°



COURBE D'IMPEDANCE EN FONCTION DE LA FREQUENCE



The Model H system of loudspeakers constitutes the summit of the range of the American manufacturer I M FRIED, and is inscribed in the "signature series".

M. IRVING M. FRIED is among the pioneers of electroacoustics in the United States and possesses a rather unassailable judgement in matters of acoustic enclosures and amplifiers. Model H is the end result of his numerous ponderings concerning sound reproduction in domestic usage (in apartments) as well as on true timbre and on the homogeneous spatial information of the sound image.

The Model H system, to conform to these criteria, is composed of a very low frequency enclosure with the impressive dimensions 110cm. x 60 x 52.5 cm and of a weight greater than 85 kilograms enclosing two very low frequency loudspeakers of 21 cm driving each its own acoustic line radiating from the extreme right and left of the enclosure.

These transducers cover the frequencies from 20HZ to 100 HZ and are reinforced by two "satellite" enclosures 27.5 x 21 x 15 cm. containing each a mid range loudspeaker of 12.5 cm with plastic cone and a hemispheric

dome tweeter of Melinex. The crossover frequencies are at 100 HZ and 3.5KHZ; the passive filter is of generous dimensions (a crossover frequency of 100HZ demands a great deal of copper).

The impedance of the system thus constituted is 8 ohms; the manufacturer recommends amplifiers from 25 to 100 watts a channel.

The installation of such an ensemble does not create too many problems for correct phasing; the distance between the low frequency enclosure and the two medium high enclosures requires a bit of experimentation.

Once the proper placement is made, the effect of depth and size is rendered in a satisfying manner; with the extreme lows not cut off and that at a very comfortable level of listening. Nor does it cover over the bass and mid ranges with undesirable hangover. The quality of timbre approaches perfection, in particular the stringed instruments.

Distributor Beta Tronic, 10 Rue Montcalme, 75018 Paris.

(Reprinted and translated by kind permission of *La Nouvelle Revue Du Son*, 17 Rue de Buci, 75006 Paris; from the 24 February, 1977 issue.)

