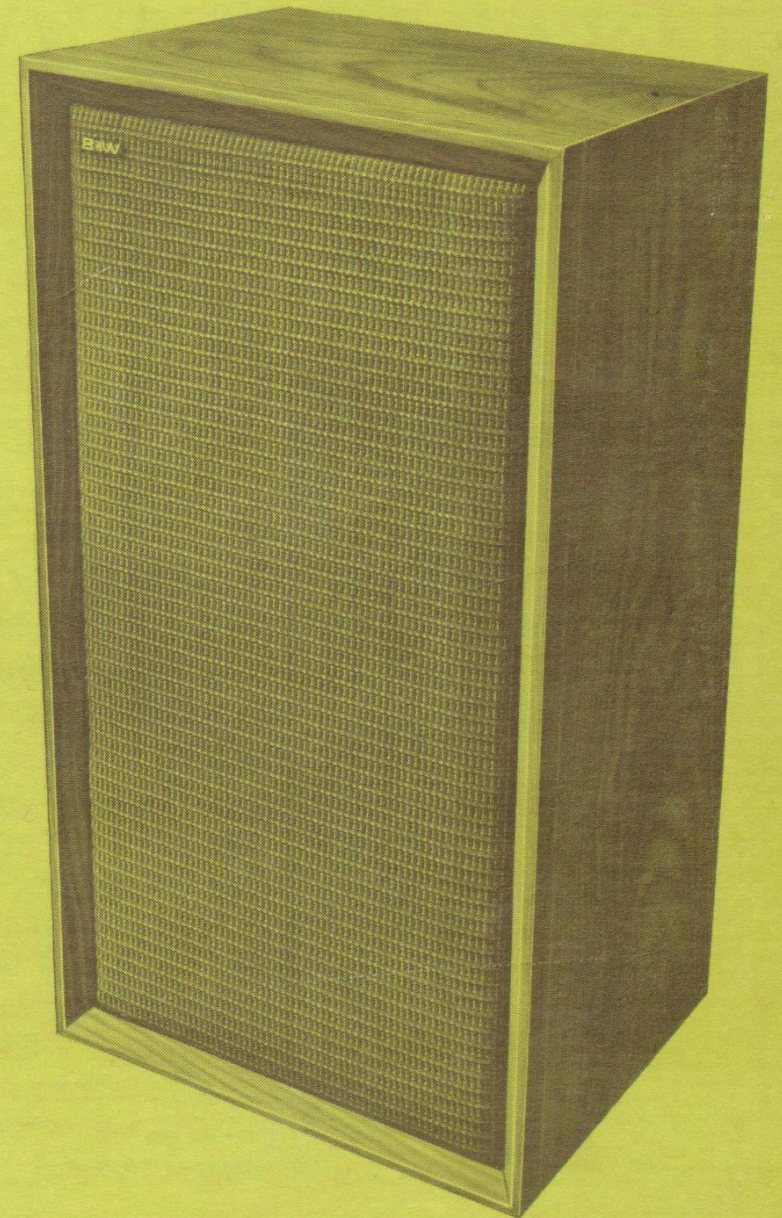


The DM3 Monitor Loudspeaker

B&W electronics



© beim Hersteller
Archiv Michael Otto
HiFi-Classik.de

*a beautiful new
experience in sound*

The DM3 Monitor Loudspeaker

Nobody produces a world-beating speaker by accident. But at B & W, it took an extensive programme of research and development before we finally made the DM3 available to you.

Our object was simple — to produce a speaker which would give the ultimate in sound reproduction from a modest sized enclosure. We think the DM3 achieves this object. Hear the DM3 and we are sure you'll agree — because this is a speaker that meets the very highest professional standards. The elegant solid cabinet takes only a modest 2cu.ft. of room space, and matching accessories help it blend with any furnishing scheme. In short, the DM3 is a beautiful new experience in sound.



General

A three-unit system comprising bass/mid frequency, wide dispersion high frequency and ultra high frequency transient and wave shaping.

All monitors individually adjusted on final test and supplied complete with calibration certificate.

Units

Bass Radiator

13½ in. x 8⅞ in. elliptical radiator identical to that fitted to our Model P2/H monitor, with a specially laminated glass cone assembly (patent applied for).

High Frequency

Wide dispersion, low distortion pressure unit operating from 3kHz to 14kHz. Employs an extremely large magnet assembly and provides almost distortionless performance with wide axial dispersion. This unit is used exclusively in BBC and DM3 monitors.

Ultra High Frequency

Continues the response from 14kHz to 25kHz, ensuring excellent transient response due to its linear radiation of harmonics well above audibility. In addition, overcomes the rapid high frequency decay in the main HF unit due to diaphragm mass.

Crossover & Filter network

Full section networks feed each unit. Ferrite series inductor on bass radiator. All filters and networks accurately contoured for correct stop band slope rate. Highest quality components throughout, with Polyester dielectric (not electrolytic) capacitors.

Cabinet

Thoroughly braced 1in. laminated hardwood throughout, and acoustically treated with multiple absorbents on inner surfaces. Choice of teak, walnut or rosewood outer veneers.

Acoustic loading

Infinite with membrane 'Q' controller and pure wool fibre.

Power handling capacity

15 watts RMS input
25 watts music input

Distortion

Total readings from production sample (10 watts RMS input) including AKG C60 and Radiometer—actual loudspeaker distortion is therefore less than figures quoted.

60 Hz	200 Hz	1 kHz	5 kHz	10 kHz
6%	0.5%	0.6%	1%	1%

Axial response

Off axis response, 60° arc within ± 2db on axis response 40Hz to 20kHz

Frequency response

Better than plus or minus 3db 70Hz to 15kHz
Better than plus or minus 5db 40Hz to 25kHz

Impedance

8 ohms nominal, not falling below 7 ohms.
Suitable for all valve or transistor amplifiers.

Dimensions

Height 28½ in. (72.50cm)
Width 15¾ in. (40.3cm)
Depth 11½ in. (29.5cm)

Net weight

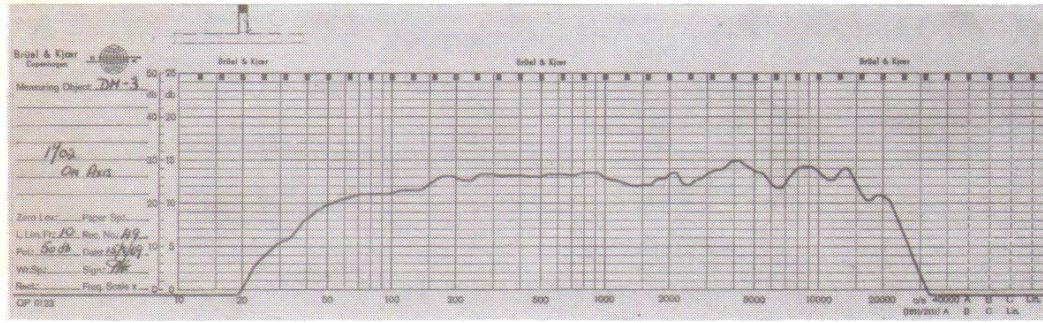
53lb (24.04 kgs)

Matching tables available for vertical mounting, with 12in legs. Also plinth with angled base for maximum effect. Finished in matt black, with castors.

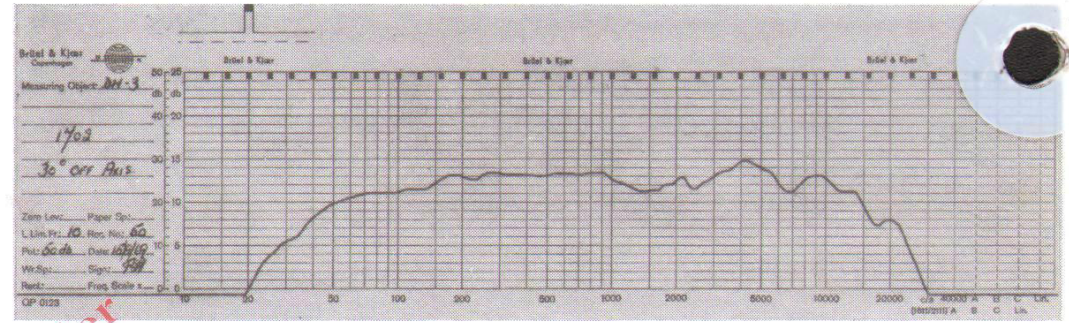
The manufacturers reserve the right to amend or modify this specification without notice.

For the professional user

Pen recordings, taken from a normal production sample in our Anechoic chamber, and Axial plot supplied with each loudspeaker. Accuracy of our chambers and measuring equipment checked against standard at EMI, and Northern Polytechnic, showing an accuracy of better than plus or minus 2 db.



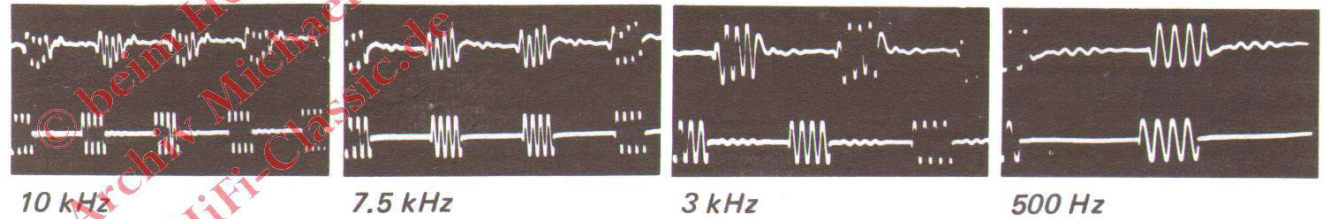
On axis frequency response of production sample taken in our test chamber.



30° off axis under similar conditions indicating almost exactly similar response for 60° arc.

Tone burst response

These oscillograms give an accurate indication of DM3 performance, and include deterioration due to ancillary equipment such as a recording microphone. Each DM3 monitor is individually adjusted to achieve tone burst as shown, with 3 kHz phase correction filter properly adjusted.



B&W electronics

Manufacturers of electronic and acoustical equipment

Littlehampton Road
Worthing
England

Telephone Worthing 66830
Cablegrams 'Monex' Worthing

Distributed by:

main radio

6 Fiedlerstr. 10, D-2000 Hamburg 40
Vollzeit-Service
Tel. 421188
Hauptstadt-Service
Wahl-Tel. und Zentrum Tel. 319473
Nord/Südzentrum Tel. 57 09 31

Printed in England