

# 808

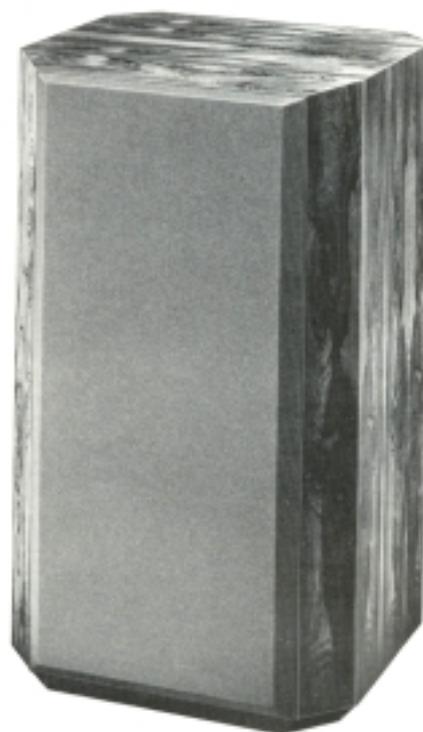
## Floor-standing loudspeaker system

### Product Summary

- In some specialised music contexts, reproduction to reference standards is often required at very high sound levels indeed. This requirement presented yet another challenge to our design team and it is the raison d'être of Model 808, which completes the trio of B&W master monitors.
- Five completely new drive units are built into the three-way system with double the sensitivity of conventional professional monitors and overall frequency linearity free from coloration and distortion.

### Technical highlights

- The TX32 HF unit achieves wide dispersion and extended frequency response. Yet it is capable of high sensitivity and well able to withstand the high currents involved. The Ferrofluid between the coil and pole piece cools the critical voice coil.
- The problems posed by the necessary large enclosure of the 808 are met by the closed box system of utmost rigidity. To defeat coupling with the larger bass enclosure, a quarter-wave transmission line rear-loading system is incorporated.
- Two 11in bass drive units operating within an enclosure of 220 litres fulfil both the bass extension and sound pressure level requirements. To achieve 91dB efficiency in the bass extension computer predictions indicate a fourth order alignment vented system and 808's drivers are optimised around this design.



<b>Drive Units</b>	1 x TX32 high-frequency dome tweeter 2 x 100mm Midrange frequency drive unit 2 x 300mm low frequency drive units	<b>Dimensions</b>	Height: 1050mm and 1113mm with plinth; 1122mm with wheels and plinth Width: 653 Depth: 510mm without grille 542mm with grille
<b>Frequency Response</b>	30Hz to 20kHz $\pm 2$ dB	<b>Finish</b>	Walnut, teak, black ash, light oak or rosewood
<b>Sensitivity</b>	91dB spl(2.83V 1m)		
<b>Nominal Impedance</b>	8 ohms		
<b>Power Handling</b>	No upper limit on midrange and tweeter due to automatic protection circuits. Bass 200W continuous sinewave below 400Hz		



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