8MB400

MidBass
Ferrite Driver

Key Features

95 dB SPL 1W / 1m average sensitivity

51mm (2") Interleaved Sandwich Voice coil (ISV)

280 W continuous pink noise

Weather protected cone

Ideal for compact two way and multiway systems

Improved heat dissipation via unique basket design

GENERAL SPECIFICATIONS

NOMINAL DIAMETER	200mm	(8 in)
RATED IMPEDANCE	8 ohms	
CONTINUOUS PINK NOISE *(1)*	280 W	
SENSITIVITY *(2)*	95 dB	
FREQUENCY RANGE *(3)*	55 ÷ 5200 Hz	
MAX RECOMM. FREQUENCY	3000 Hz	
RECOMM. ENCLOSURE VOLUME	10 ÷ 40 lt.	(0,35 ÷ 1,41 cuft)
VOICE COIL DIAMETER	51 mm	(2 in)
NET WEIGHT	3,6 kg	(7,95 lb)

THIELE-SMALL PARAMETERS *(4)*

Fs	64 Hz	
Re	5 ohms	
Sd	0,0227 sq.mt.	(35,19 sq.in.)
Qms	3,23	
Qes	0,43	
Qts	0,38	
Vas	23,9 lt.	(0,85 cuft)
Mms	18 gr.	(0,04 lb)
BL	9,3 Tm	
Linear Mathematical Xmax *(5)*	± 5,8 mm	(± 0,23 in)
Le (1kHz)	0,96 mH	
Ref. Efficiency 1W @ 1m (half space)	93,7 dB	

(1) AES standard.

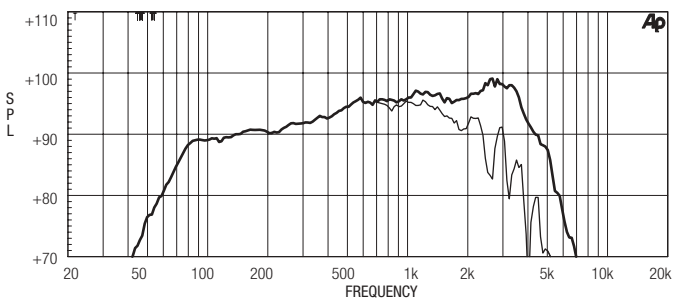
(2) Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone , at distance 1m from the baffle panel, when connected to 2,83 V sine wave test signal swept between 500Hz and 2500Hz with the test specimen mounted in the same enclosure as given for graph text below.

(3) Frequency range is given as the band of frequencies delineated by the lower and upper limits where the output level drops by 10 dB below the rated sensitivity in half space environment.

(4) Thiele - Small parameters are measured after the test specimen has been conditioned by 280 W AES power and represents the expected long term parameters after a short period of use .

(5) Linear Mat. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is gap depth.

FREQUENCY RESPONSE CURVE OF 8MB400 MADE ON 25 LIT. ENCLOSURE TUNED 65HZ IN FREE FIELD (4PI) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER. THE THIN LINE REPRESENTS 45 DEG. OFF AXIS FREQUENCY RESPONSE



FREE AIR IMPEDANCE MAGNITUDE CURVE