

Ciare (CME200)

LF MidWoofers

GENERAL SPECIFICATIONS

NOMINAL DIAMETER	200 mm (8 in)
RATED IMPEDANCE	4
AES POWER (1)	150 W
PROGRAM POWER (2)	300 W
PEAK POWER (3)	W
SENSITIVITY (4)	98 dB
POWER COMPRESSION @-10 dB (5)	(15W) 00 dB
POWER COMPRESSION @-3 dB	(75W) 00 dB
POWER COMPRESSION @FULL POWER	(150W) 00 dB
SUGGESTED LOAD	12 lt. Reflex, 75Hz
RECOMM. ENCLOSURE VOLUME	10 ÷ 15 lt. (0,35 ÷ 0,53 cu.ft)
MINIMUM IMPEDANCE	04 at 25°
MAX PEAK TO PEAK EXCURSION	mm (0,00 in)
VOICE COIL DIAMETER	38 mm (1,50 in)
VOICE COIL WINDING MATERIAL	Aluminum
SUSPENSION	Two rolls, Nomex
CONE	Exponential, Water, UV repellent

THIELE SMALL PARAMETERS (6)

Fs	71 Hz
Re	3,0
Sd	205 sq.cm (31,78 sq.in)
Qms	6,80
Qes	0,39
Qts	0,37
Vas	19 lt. (0,67 cu.ft)
Mms	16 gr. (0,03 lb)
BL	7,4 Tm
Linear Mathematical Xmax (7)	±3,5 mm (±0,14 in)
Le (1kHz)	0,80 mH
Ref. Efficiency (half space)	1,7 %

MOUNTING INFORMATION

Overall diameter	205,5 mm (8,09 in)
N. of mounting holes	4
Mounting holes diameter	5,5 mm (0,22 in)
Bolt circle diameter	194 mm (7,64 in)
Front mount baffle cutout ø	mm (0,00 in)
Rear mount baffle cutout ø	185 mm (7,28 in)
Total depth	92 mm (3,62 in)
Flange and gasket thickness	8 mm (0,31 in)
Net weight	2,6 kg (5,73 lb)
Shipping weight	kg (0,00 lb)
CardBoard Packaging dimensions	xx mm (0,00x0,00x0,00 in)

TECHNOLOGIES

(1) AES power is determined according to AES2-1984 standard.

(2) Program power rating is measured in lt. enclosure tuned at Hz using a - Hz band limited pink noise test signal applied for 2 hours and with 50% duty cycle.

(3) The peak power rating represent the maximum permitted instantaneous peak power level over a maximum period of 10 ms which will be withstood by the loudspeaker without damage.

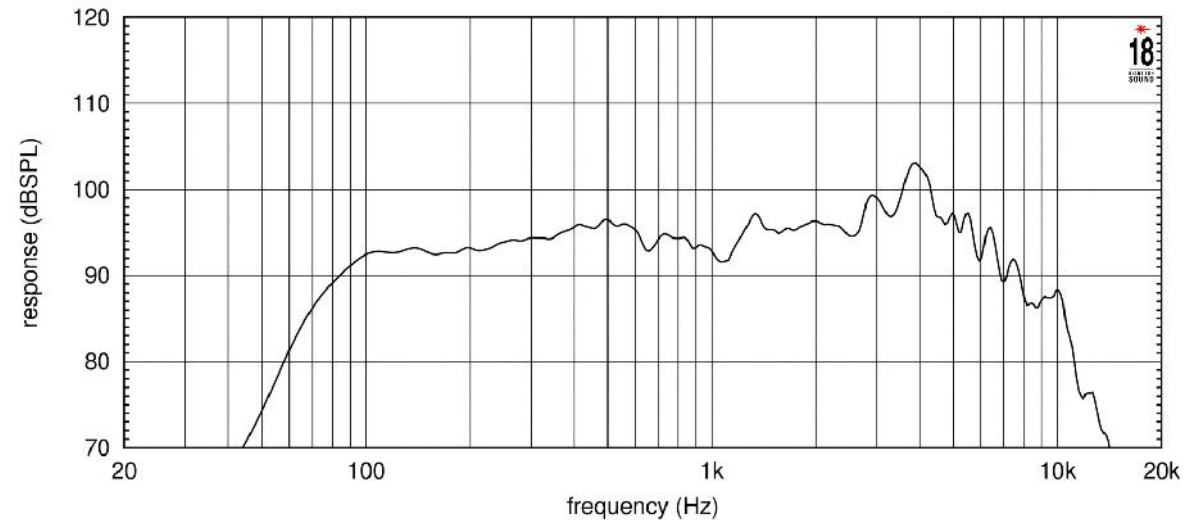
(4) Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m from the baffle panel, when connected to V sine wave test signal swept between Hz and Hz with the test specimen mounted in the same enclosure as given for 2 above.

(5) Power compression represents the loss of sensitivity for the specified power, measured from Hz after a 5 min pink noise preconditioning test at the specified power.

(6) Thiele - Small parameters are measured after the test specimen has been conditioned by 1 hour 20 Hz sine and represent the expected long term parameters after a short period of use.

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

FREQUENCY RESPONSE MADE IN LT. ENCLOSURE TUNED AT Hz IN FREE FIELD (4) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER, THE THIN LINE REPRESENTS 45 DEG. OFF AXIS FREQUENCY RESPONSE



FREE AIR IMPEDANCE CURVE

