



NEODYMIUM MAGNET
STEEL BASKET
DRIVER

NBASS08-20

8" BASS GUITAR SPEAKER

Natural response, strong low-end and tight mid-highs, characterized by an optimized rubber surround and a responsive lightweight neo motor makes the NBASS08-20 the perfect tonal 8" solution.



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200 W

2" VC

92 dB

55-4000 Hz

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	200 (8)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,1
Program power (1)	W	400
AES Power rating (2)	W	200
Sensitivity (3)	dB	92
Frequency range	Hz	55 ÷ 4000
Voice coil diameter	mm (in.)	51 (2)
Chassis material		Steel
Magnet material		Neodymium
Magnet dimensions	mm (in.)	50 x 9 (1.96 x 0.35)
Coil material		Copper
Former material		Glass Fiber
Cone material		Water Resistant Treated Paper
Surround material		Rubber
Xmax (4)	mm (in.)	6,5 (0.26)
Xmech (5)	mm (in.)	10,7 (0.42)
Gap height	mm (in.)	8,2 (0.32)
Voice coil winding height	mm (in.)	17,2 (0.68)
Driver displacement volume	l (ft ³)	0,5 (0.02)
Recommended enclosure	l (ft ³)	16,6 (.59)
Recommended tuning	Hz	70

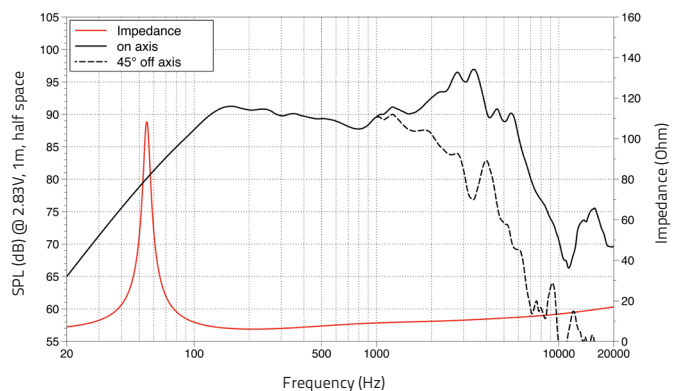
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,2
Resonance frequency	Fs	Hz	55
Moving mass	Mms	g (oz)	35,6 (1.26)
Compliance	Cms	mm/N	0,235
Force factor	BxL	N/A	11,33
Mechanical Q-factor	Qms		9,92
Electrical Q-factor	Qes		0,5
Total Q-factor	Qts		0,48
Equivalent air volume	Vas	l (ft ³)	18,4 (0.65)
Voice coil Inductance	Le	mH	0,11
Diaphragm area	Sd	cm ² (in. ²)	235,1 (36.4)
Reference efficiency	Eta 0	%	0,59
Efficiency bandwidth product	EBP	Hz	110

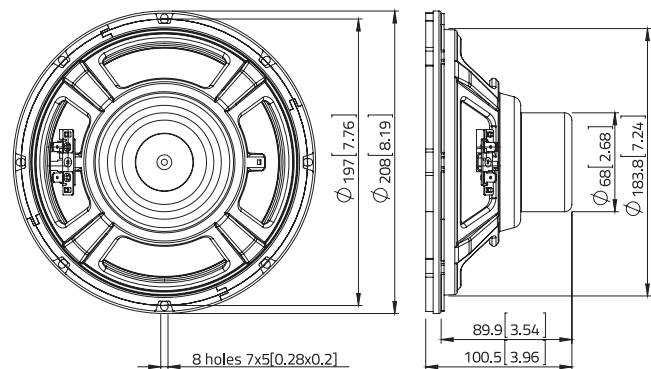
SHIPPING INFORMATION

Net weight	kg (lb.)	1,2 (2.6)
Multipack size (1)	mm (in.)	243 x 243 x 135 (9.6 x 9.6 x 5.3)
Multipack weight	kg (lb.)	1,7 (3.7)

FREQUENCY RESPONSE AND IMPEDANCE



DIMENSIONS mm (in.)



(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg - 2)$. Hvc is the voice coil height and Hg the gap height. (6) Thiele-Small parameters are measured after preconditioning: a) at 20°C - 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All specifications subject to change without notice_E.a