



FERRITE MAGNET
STEEL BASKET
DRIVER



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FBASS08-18

8" BASS GUITAR SPEAKER

Impeccably tuned frequency response producing a balanced low-end and smooth mid-band, with an optimized rubber surround and ferrite motor structure, FBASS08-18 was born for vented bass or acoustic applications.

150 W

1.8" VC

92,5 dB

50-5000 Hz

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	250 (10)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,2
Program power (1)	W	300
AES Power rating (2)	W	150
Sensitivity (3)	dB	92,5
Frequency range	Hz	50 ÷ 5000
Voice coil diameter	mm (in.)	45 (1.8)
Chassis material		Steel
Magnet material		Ferrite
Magnet dimensions	mm (in.)	130 x 60 x 18 (5.12 x 2.36 x 0.71)
Coil material		Copper
Former material		Glass Fiber
Cone material		Water Resistant Treated Paper
Surround material		Rubber
Xmax (4)	mm (in.)	4,5 (0.18)
Xmech (5)	mm (in.)	7 (0.28)
Gap height	mm (in.)	6 (0.24)
Voice coil winding height	mm (in.)	12 (0.47)
Driver displacement volume	l (ft ³)	0,7 (0.02)
Recommended enclosure	l (ft ³)	21,6 (0.762)
Recommended tuning	Hz	63

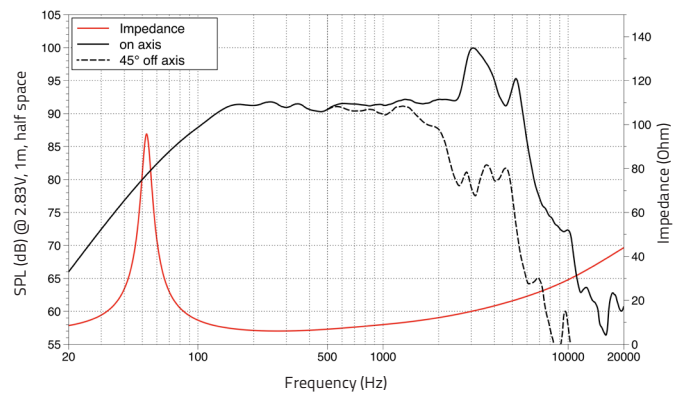
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,6
Resonance frequency	Fs	Hz	53
Moving mass	Mms	g (oz)	30,1 (1.06)
Compliance	Cms	mm/N	0,302
Force factor	BxL	N/A	11,42
Mechanical Q-factor	Qms		6,89
Electrical Q-factor	Qes		0,43
Total Q-factor	Qts		0,4
Equivalent air volume	Vas	l (ft ³)	23,64 (0.83)
Voice coil Inductance	Le	mH	0,59
Diaphragm area	Sd	cm ² (in. ²)	235,06 (36.4)
Reference efficiency	Eta 0	%	0,78
Efficiency bandwidth product	EBP	Hz	123

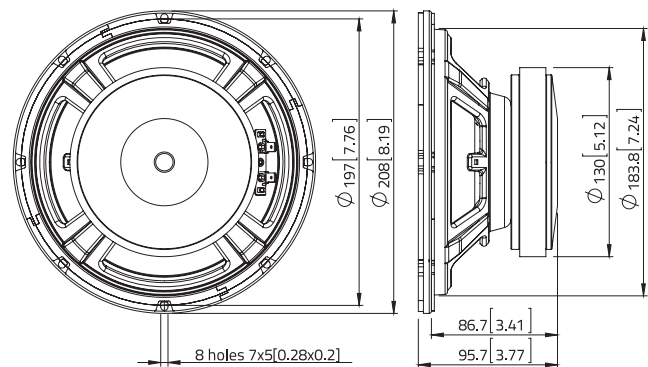
SHIPPING INFORMATION

Net weight	kg (lb.)	3 (6.6)
Multipack size (1)	mm (in.)	260 x 260 x 137 (10.2 x 10.2 x 5.4)
Multipack weight	kg (lb.)	3,9 (8.7)

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