MAN062.00

Lavoce

6.5" MIDRANGE
NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 2 INCH CCAW VOICE COIL
- 97,5 dB/SPL SENSITIVITY
- 500 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM

GENERAL SPECIFICATIONS

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Nominal diameter	mm (in.)	165 (6.5)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,7
Program power (1)	W	500
AES Power rating (2)	W	250
Sensitivity (3)	dB	97,5
Frequency range	Hz	100 ÷ 4000
Voice coil diameter	mm (in.)	51 (2)
Chassis material		Aluminium
Magnet material		Neodymium
Magnet dimensions OD x ID x h	mm (in.)	50 x 9 + 48 x 5 (1.97 x 0.35 + 1.89 x 0.2)
Coil material		CCAW
Former material		Glass Fiber
Cone material		Water Resistant Treated Paper + Water Proof Front Side Treatment
Surround material		Polycotton
Xmax (4)	mm (in.)	3,9 (0.15)
Xmech (5)	mm (in.)	6,4 (0.25)
Gap height	mm (in.)	6 (0.24)
Voice coil winding height	mm (in.)	10,8 (0.43)
Driver displacement volume	l (ft³)	0,423 (0.015)
Recommended enclosure	l (ft³)	7 (0.25)
Recommended tuning	Hz	107

SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,7
Resonance frequency	Fs	Hz	102
Moving mass	Mms	g (oz)	14,46 (0.51)
Compliance	Cms	mm/N	0,169
Force factor	BxL	N/A	12,83
Mechanical Q-factor	Qms		2,81
Electrical Q-factor	Qes		0,32
Total Q-factor	Qts		0,29
Equivalent air volume	Vas	l (ft³)	3,95 (0.1)
Voice coil Inductance	Le	mH	0,32
Diaphragm area	Sd	cm² (in.²)	128,7 (19.9)
Reference efficiency	Eta 0	%	1,25
Efficiency bandwidth product	EBP	Hz	319

SHIPPING INFORMATION

Net weight	kg (lb.)	0,9 (2.03)
Multipack size (8) W x D x H	mm (in.)	374 x 346 x 191 (14.7 x 13.6 x 7.5)
Multipack weight	kg (lb.)	11 (24.3)

FREQUENCY RESPONSE AND IMPEDANCE
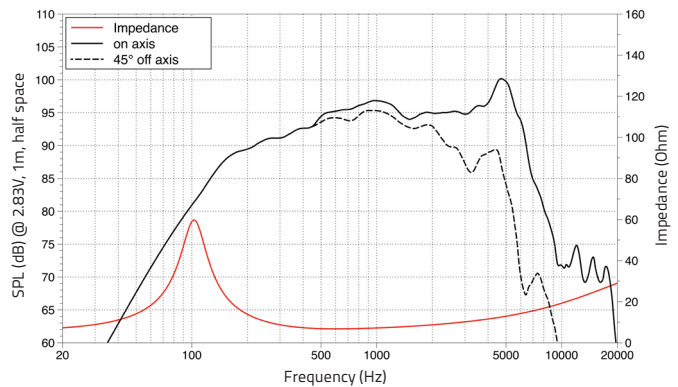
DIMENSIONS mm (in.)
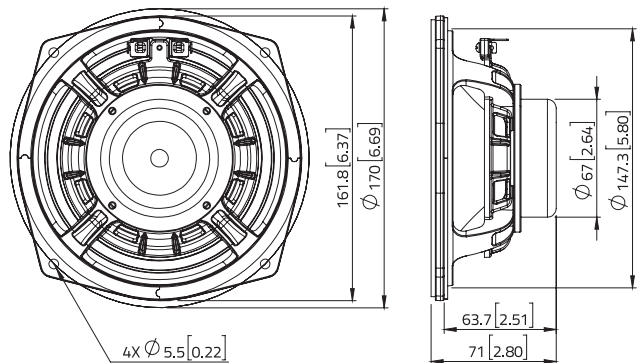
(1) Program power is defined as 3 dB greater than AES Power. **(2)** Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. **(3)** From T/S parameters, measured with Klippel DA LPM module. **(4)** The Xmax is calculated as: (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