MAF061.50

6.5” MIDRANGE

FERRITE MAGNET
ALUMINIUM BASKET DRIVER

- 1.5 INCH EDGEWOUND CCA VOICE COIL
- 96.5 dB/SPL SENSITIVITY
- 240 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- ALUMINIUM DEMODULATION RING
- TRIPLE ROLL SURROUND

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	165 (6.5)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,4
Program power (1)	W	240
AES Power rating (2)	W	120
Sensitivity (3)	dB	96,5
Frequency range	Hz	150 ÷ 6000
Voice coil diameter	mm (in.)	38 (1.5)
Chassis material	Aluminium	
Magnet material	Ferrite	
Magnet dimensions OD x ID x h	mm (in.)	120 x 60 x 20 (4.72 x 2.36 x 0.79)
Coil material	Edgewound CCA	
Former material	Polyimide	
Cone material	Water Resistant Treated Paper	
Surround material	Polycotton	
Xmax (4)	mm (in.)	3,5 (0.14)
Xmech (5)	mm (in.)	6 (0.24)
Gap height	mm (in.)	6 (0.24)
Voice coil winding height	mm (in.)	10 (0.39)
Driver displacement volume	l (ft³)	0,529 (0.019)
Recommended enclosure	l (ft³)	5,04 (0.178)
Recommended tuning	Hz	150

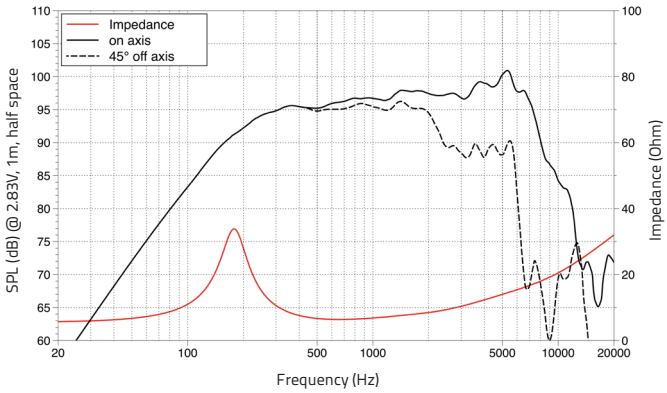
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,8
Resonance frequency	Fs	Hz	173
Moving mass	Mms	g (oz)	10,2 (0.36)
Compliance	Cms	mm/N	0,083
Force factor	BxL	N/A	10,21
Mechanical Q-factor	Qms		3,65
Electrical Q-factor	Qes		0,62
Total Q-factor	Qts		0,53
Equivalent air volume	Vas	l (ft³)	2,4 (0.08)
Voice coil Inductance	Le	mH	0,296
Diaphragm area	Sd	cm² (in.²)	143,1 (22.2)
Reference efficiency	Eta 0	%	1,94
Efficiency bandwidth product	EBP	Hz	279

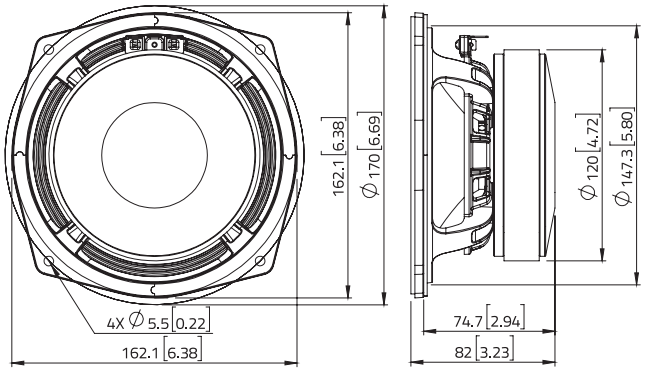
SHIPPING INFORMATION

Net weight	kg (lb.)	2,3 (5.1)
Multipack size (8) W x D x H	mm (in.)	376 x 350 x 203 (14.8 x 13.8 x 8)
Multipack weight	kg (lb.)	20,6 (45.4)

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.

WWW.LAVOCESPEAKERS.COM

Lavoce Italiana
sales@lavocespeakers.com sales.cn@lavocespeakers.com