

WAF102.50

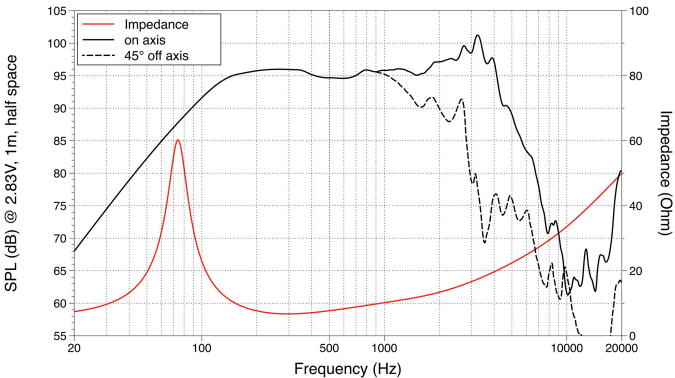
Lavoce

10" WOOFER

FERRITE MAGNET

ALUMINIUM BASKET DRIVER

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



GENERAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.7 ohm
Program Power	500 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	250 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	97 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	70 ÷ 4000 Hz
Voice Coil Diameter	65 mm (2.5 in)
Chassis Material	ALUMINIUM
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	156 x 80 x 20 mm (6.14 x 3.15 x 0.79 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER
Surround Material	POLYCOTTON
Xmax	5.1 mm (0.2 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	9.1 mm (0.36 in) The Xmech is calculated as: (Hvc - Hg)/2 +(Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	8 mm (0.31 in)
Voice Coil Winding Height	14.2 mm (0.56 in)
Driver Displacement Volume	1.6 l (0.057 ft³)
Recommended Enclosure	36 l (1.271 ft³)
Recommended Tuning	75 Hz

SMALL SIGNAL PARAMETERS

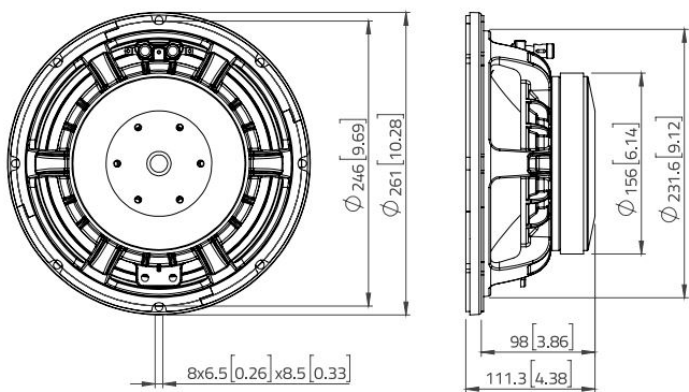
Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	5.7 ohm
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All the specifications subject to change without notice.

Diaphragm Area (Sd)	350 cm² (54.25 in²)
Resonance Frequency (Fs)	74 Hz
Moving Mass (Mms)	33.7 g (1.189 oz)
Compliance (Cms)	0.136 mm/N
Force Factor (BxL)	14.62 N/A
Mechanical Q-Factor (Qms)	4.01
Electrical Q-Factor (Qes)	0.42
Total Q-Factor (Qts)	0.38
Equivalent Air Volume (Vas)	23.66 l (0.836 ft³)
Voice Coil Inductance (Le)	0.68 mH
Reference Efficiency (Eta 0)	2.22 %
Efficiency Bandwidth Product (EBP)	176 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	4.8 kg (10.582 lb)
Multipack Quantity	1
Multipack size W x D x H	303 mm x 303 mm x 152 mm (11.9 in x 11.9 in x 6 in)
Multipack Weight	5.7 kg (12.57 lb)

REPAIR KITS

LF Repair Kit	VRK10100
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