

WAF102.50A

Lavoce

10" WOOFER

FERRITE MAGNET

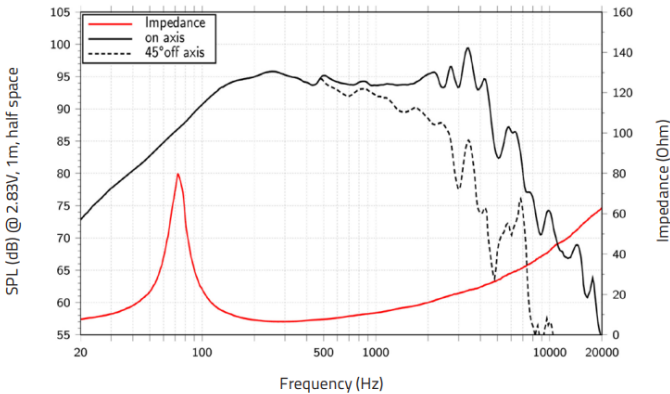
ALUMINIUM BASKET DRIVER

- 2.5 INCH EDGEWOUND CCA 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	6.5 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	EDGEWOUND CCA
Former Material	GLASS FIBER
Cone Material	Water Proof Treated Paper + Water Proof Front Side Treatment
Surround Material	POLYCOTTON
Xmax	4.8 mm (0.19 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	8.8 mm (0.35 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	13.7 mm (0.54 in)
Driver Displacement Volume	1.5 l (0.053 ft³)
Recommended Enclosure	39 l (1.377 ft³)
Recommended Tuning	70 Hz

SMALL SIGNAL PARAMETERS

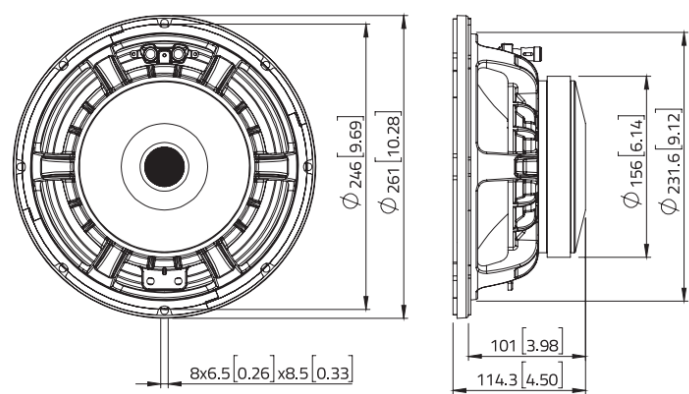
Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	5.5 ohm
Diaphragm Area (Sd)	350 cm² (54.25 in²)

All the specifications subject to change without notice.

Resonance Frequency (Fs)	73 Hz
Moving Mass (Mms)	38.4 g (1.355 oz)
Compliance (Cms)	0.125 mm/N
Force Factor (BxL)	15.8 N/A
Mechanical Q-Factor (Qms)	5.34
Electrical Q-Factor (Qes)	0.38
Total Q-Factor (Qts)	0.36
Equivalent Air Volume (Vas)	21.68 l (0.766 ft³)
Voice Coil Inductance (Le)	0.8 mH
Reference Efficiency (Eta 0)	2.09 %
Efficiency Bandwidth Product (EBP)	192 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	4.7 kg (10.362 lb)
Multipack Quantity	1
Multipack size W x D x H	300 mm x 300 mm x 155 mm (11.8 in x 11.8 in x 6.1 in)
Multipack Weight	5.5 kg (12.13 lb)

REPAIR KITS

LF Repair Kit	VRK10104
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