

WAN103.01

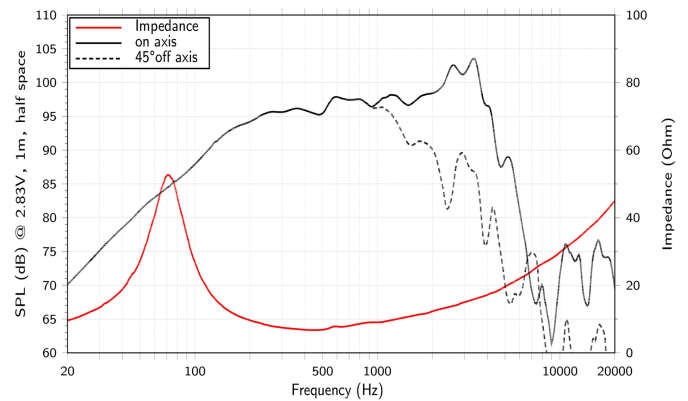
Lavoce

10" WOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER



- 3 INCH CCAW VOICE COIL
- 99 dB/SPL SENSITIVITY
- 900 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- OPTIMIZED COOLING SYSTEM
- ALTERNATIVE IMPEDANCE: 16 OHM



GENERAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.6 ohm
Program Power	900 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	450 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	99 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	70 ÷ 3500 Hz
Voice Coil Diameter	75 mm (3 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	120 x 80 x 10 mm (4.72 x 3.15 x 0.39 in)
Coil Material	CCA W
Former Material	KAPTON
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	5 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	10.1 mm (0.4 in) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg-2)$. Hvc is the voice coil height and Hg the gap height.
Gap Height	9.5 mm (0.37 in)
Voice Coil Winding Height	14.7 mm (0.58 in)
Driver Displacement Volume	1.6 l (0.057 ft³)
Recommended Enclosure	26.3 l (0.929 ft³)
Recommended Tuning	97 Hz

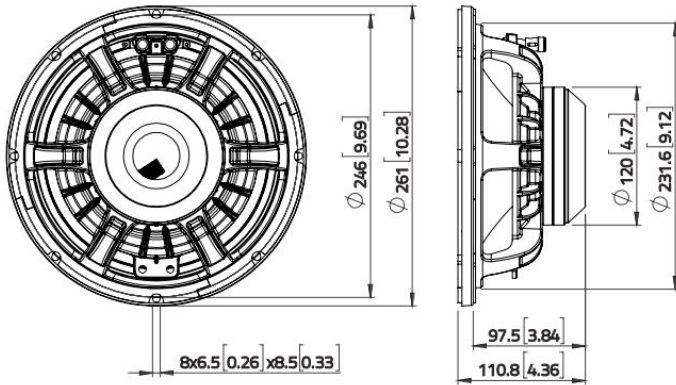
SMALL SIGNAL PARAMETERS

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)

Resonance Frequency (Fs)	70 Hz
Moving Mass (Mms)	39.6 g (1.397 oz)
Compliance (Cms)	0.129 mm/N
Force Factor (BxL)	20.57 N/A
Mechanical Q-Factor (Qms)	5.94
Electrical Q-Factor (Qes)	0.23
Total Q-Factor (Qts)	0.22
Equivalent Air Volume (Vas)	22.29 l (0.787 ft³)
Voice Coil Inductance (Le)	0.72 mH
Reference Efficiency (Eta 0)	3.28 %
Efficiency Bandwidth Product (EBP)	304 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	3.1 kg (6.834 lb)
Multipack Quantity	1
Multipack size W x D x H	290 mm x 300 mm x 150 mm (11.4 in x 11.8 in x 5.9 in)
Multipack Weight	3.8 kg (8.38 lb)

REPAIR KITS

LF Repair Kit	VRK10108
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