

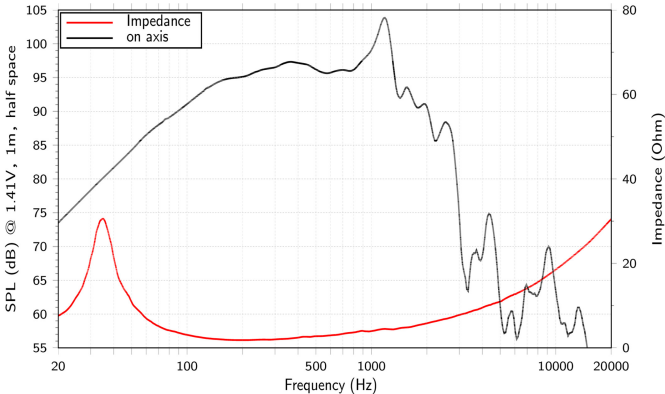
SAN184.50iP

Lavoce

18" SUBWOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 2 OHM IMPEDANCE - 4.5 INCH IN-OUT CCAW VOICE COIL - 99 dB/SPL SENSITIVITY - 3400 WATT PROGRAM POWER HANDLING - POWERSOFT IPALMOD COMPATIBLE - ULTRA LOW DISTORTION DESIGN - REDUCED POWER COMPRESSION THERMAL DESIGN- 54 mm (2.1 INCH) PEAK TO PEAK MAXIMUM EXCURSION - DOUBLE SILICON SPIDER AND TRIPLE ROLL SURROUND- ALUMINUM DEMODULATION RING



GENERAL SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	2 ohm
Minimum Impedance	1.9 ohm
Program Power	3400 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	1700 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	30 ÷ 1000 Hz
Voice Coil Diameter	115 mm (4.5 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	113 x 35 x 15 + 104 x 35 x 12 mm (4.45 x 1.38 x 0.59 + 4.09 x 1.38 x 0.47 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	19.25 mm (0.76 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	27 mm (1.06 in) The Xmech is calculated as: (Hvc - Hg)/2 +(Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	13 mm (0.51 in)
Voice Coil Winding Height	45 mm (1.77 in)
Driver Displacement Volume	13.5 l (0.477 ft³)
Recommended Enclosure	150 l (5.297 ft³)
Recommended Tuning	35 Hz

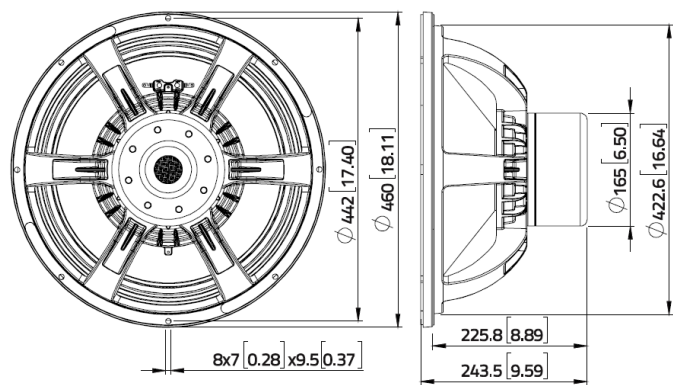
SMALL SIGNAL PARAMETERS

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

All the specifications subject to change without notice.

DC Resistance (Re)	1.2 ohm
Diaphragm Area (Sd)	1220 cm² (189.1 in²)
Resonance Frequency (Fs)	34 Hz
Moving Mass (Mms)	339.5 g (11.976 oz)
Compliance (Cms)	0.064 mm/N
Force Factor (BxL)	25.2 N/A
Mechanical Q-Factor (Qms)	3.61
Electrical Q-Factor (Qes)	0.14
Total Q-Factor (Qts)	0.13
Equivalent Air Volume (Vas)	134.81 l (4.761 ft³)
Voice Coil Inductance (Le)	0.35 mH
Reference Efficiency (Eta 0)	3.75 %
Efficiency Bandwidth Product (EBP)	243 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	15.1 kg (33.29 lb)
Multipack Quantity	1
Multipack size W x D x H	484 mm x 484 mm x 279 mm (19.1 in x 19.1 in x 11 in)
Multipack Weight	17.27 kg (38.07 lb)

REPAIR KITS

LF Repair Kit	VRK00181
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