

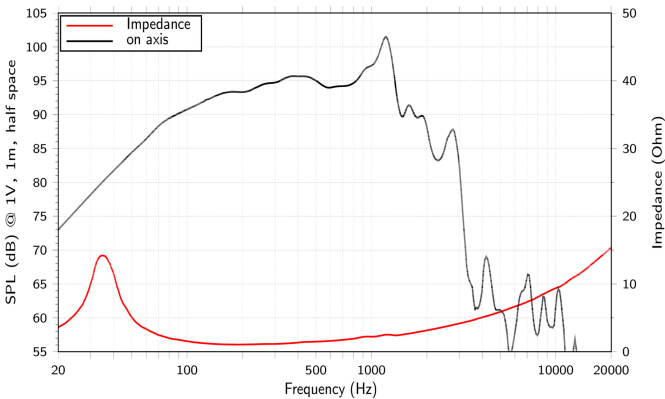
SAN184.50iP-1

Lavoce

18" SUBWOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 1 OHM IMPEDANCE- 4.5 INCH CCAW VOICE COIL- 98 dB/SPL
SENSITIVITY- 3400 WATT PROGRAM POWER HANDLING- POWERSOFT
IPALMOD COMPATIBLE- ULTRA LOW DISTORTION DESIGN- REDUCED
POWER COMPRESSION THERMAL DESIGN- 64 mm (2.5 INCH) PEAK TO
PEAK MAXIMUM EXCURSION- DOUBLE SILICON SPIDER AND TRIPLE
ROLL SURROUND- ALUMINIUM DEMODULATING RING



GENERAL SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	1 ohm
Minimum Impedance	1.1 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	98 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	24.2 mm (0.95 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	32 mm (1.26 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	54.9 mm (2.16 in)
Driver Displacement Volume	13.5 l (0.477 ft³)
Recommended Enclosure	150 l (5.297 ft³)
Recommended Tuning	35 Hz

SMALL SIGNAL PARAMETERS

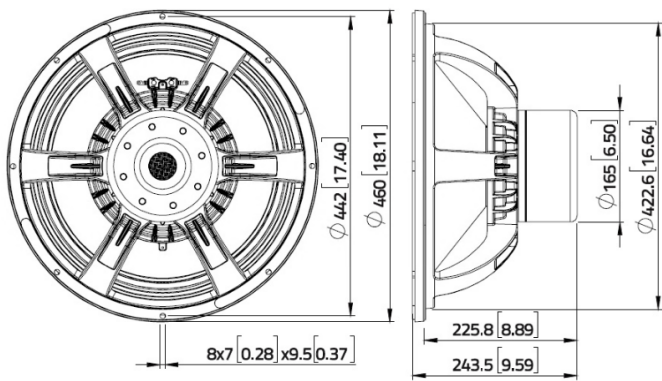
Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	0.7 ohm
Diaphragm Area (Sd)	1220 cm² (189.1 in²)

All the specifications subject to change without notice.

Resonance Frequency (Fs)	34 Hz
Moving Mass (Mms)	351.5 g (12.399 oz)
Compliance (Cms)	0.062 mm/N
Force Factor (BxL)	17.25 N/A
Mechanical Q-Factor (Qms)	3.82
Electrical Q-Factor (Qes)	0.18
Total Q-Factor (Qts)	0.17
Equivalent Air Volume (Vas)	130.6 l (4.612 ft³)
Voice Coil Inductance (Le)	0.2 mH
Reference Efficiency (Eta 0)	2.81 %
Efficiency Bandwidth Product (EBP)	189 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)

