

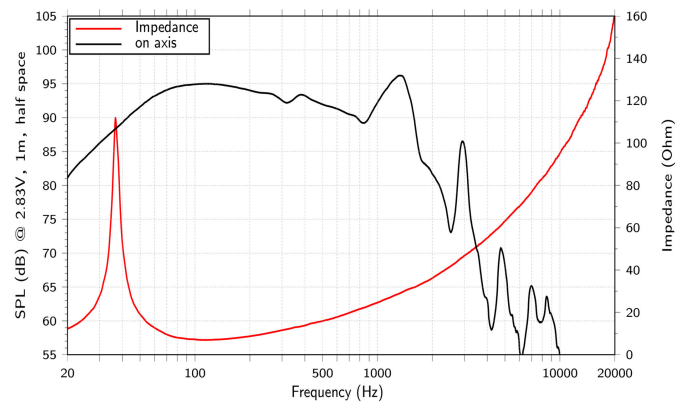
SAF184.50

Lavoce

18" SUBWOOFER

FERRITE MAGNET
ALUMINIUM BASKET DRIVER

- 4.5 INCH COPPER VOICE COIL
- 96 dB/SPL SENSITIVITY
- 3600 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- 43,6 mm (1.7 INCH) PEAK TO PEAK MAXIMUM EXCURSION
- OPTIMIZED COOLING SYSTEM
- DOUBLE SILICON SPIDER
- TRIPLE ROLL SURROUND
- ALTERNATIVE IMPEDANCE: 4 OHM



GENERAL SPECIFICATIONS

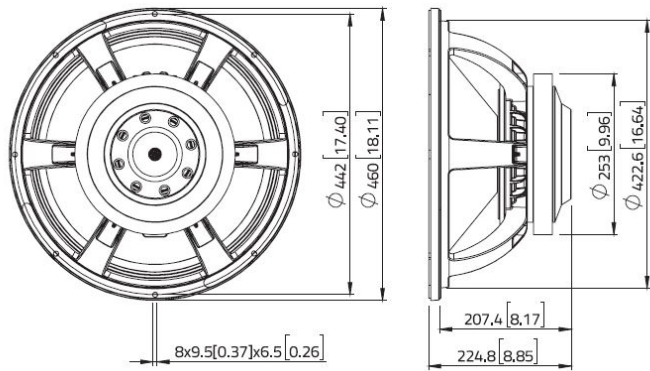
Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	7 ohm
Program Power	3600 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	1800 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	96 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	FERRITE
Magnet Dimensions OD x ID x h	253 x 127 x 30 mm (2.97 x 5 x 1.18 in)
Coil Material	COPPER
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF BOTH SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	12.5 mm (0.49 in) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height.
Xmech	21.8 mm (0.86 in) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg-2)$. Hvc is the voice coil height and Hg the gap height.
Gap Height	15 mm (0.59 in)
Voice Coil Winding Height	32.5 mm (1.28 in)
Driver Displacement Volume	8.46 l (0.299 ft³)
Recommended Enclosure	200 l (7.063 ft³)
Recommended Tuning	38 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)	5.4 ohm
Diaphragm Area (Sd)	1220 cm ² (189.1 in ²)
Resonance Frequency (Fs)	36 Hz
Moving Mass (Mms)	300.11 g (10.586 oz)
Compliance (Cms)	0.065 mm/N
Force Factor (BxL)	30.9 N/A
Mechanical Q-Factor (Qms)	5.59
Electrical Q-Factor (Qes)	0.38
Total Q-Factor (Qts)	0.36
Equivalent Air Volume (Vas)	136.92 l (4.835 ft ³)
Voice Coil Inductance (Le)	2.5 mH
Reference Efficiency (Eta 0)	1.59 %
Efficiency Bandwidth Product (EBP)	95 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	16.8 kg (37.038 lb)
Multipack Quantity	1
Multipack size W x D x H	490 mm x 490 mm x 270 mm (19.3 in x 19.3 in x 10.6 in)
Multipack Weight	18.7 kg (41.23 lb)

REPAIR KITS

LF Repair Kit	VRK1018A
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