

SAN214.50-4

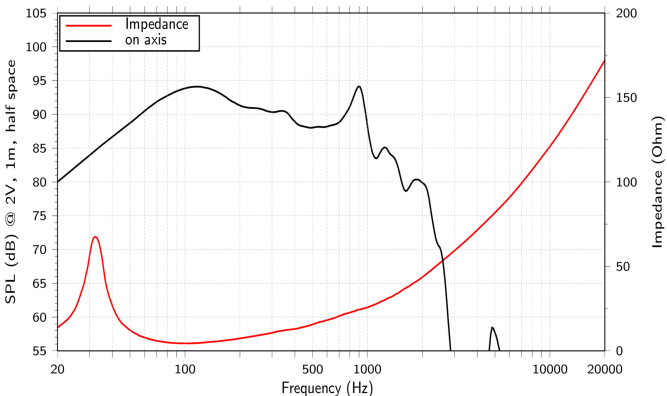
Lavoce

21" SUBWOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER



- 4.5 INCH CCAW VOICE COIL- 97 dB/SPL SENSITIVITY- 3400 WATT PROGRAM POWER HANDLING- FEM OPTIMIZED MOTOR AND SUSPENSIONS- 47,8 mm (1.9 INCH) PEAK TO PEAK MAXIMUM EXCURSION- OPTIMIZED COOLING SYSTEM- DOUBLE SILICON SPIDER- ALUMINIUM DEMODULATING RING- TRIPLE ROLL SURROUND



GENERAL SPECIFICATIONS

Nominal Diameter	530 mm (21 in)
Nominal Impedance	4 ohm
Minimum Impedance	4.4 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	97 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 40 x 17 mm (4.45 x 1.57 x 0.67 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF BOTH SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	15.4 mm (0.61 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	23.9 mm (0.94 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	14 mm (0.55 in)
Voice Coil Winding Height	37.9 mm (1.49 in)
Driver Displacement Volume	10.3 l (0.364 ft³)
Recommended Enclosure	296.1 l (10.457 ft³)
Recommended Tuning	35 Hz

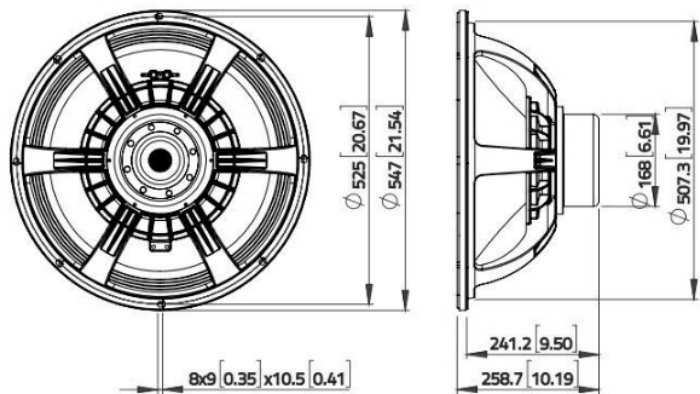
SMALL SIGNAL PARAMETERS

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)	3.4 ohm
Diaphragm Area (Sd)	1690 cm² (261.95 in²)

Resonance Frequency (Fs)	32 Hz
Moving Mass (Mms)	432.5 g (15.256 oz)
Compliance (Cms)	0.057 mm/N
Force Factor (BxL)	32.1 N/A
Mechanical Q-Factor (Qms)	6.35
Electrical Q-Factor (Qes)	0.29
Total Q-Factor (Qts)	0.27
Equivalent Air Volume (Vas)	230.39 l (8.136 ft³)
Voice Coil Inductance (Le)	3.6 mH
Reference Efficiency (Eta 0)	2.54 %
Efficiency Bandwidth Product (EBP)	110 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	15.2 kg (33.51 lb)
Multipack Quantity	1
Multipack size W x D x H	580 mm x 580 mm x 300 mm (22.8 in x 22.8 in x 11.8 in)
Multipack Weight	17.6 kg (38.8 lb)

