

SAN214.50

Lavoce

21" SUBWOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER



- 4,5 INCH CCAW VOICE COIL
- 98,5 dB/SPL SENSITIVITY
- 3400 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- 48 mm (1.9 INCH) PEAK TO PEAK MAXIMUM EXCURSION
- OPTIMIZED COOLING SYSTEM
- DOUBLE SILICON SPIDER
- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN
- ALUMINIUM DEMODULATING RING
- TRIPLE ROLL SURROUND

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	530 (21)
Nominal impedance	Ω	4
Program power (1)	W	3400
AES Power rating (2)	W	1700
Sensitivity (3)	dB	98,5
Frequency range	Hz	30 ÷ 1000
Voice coil diameter	mm (in.)	115 (4.5)
Chassis material		Aluminium
Magnet material		Neodymium
Magnet dimensions	mm	113 x 40 x 17
OD x ID x h	(in.)	(4.45 x 1.57 x 0.67)
Coil material		CCA W
Former material		Glass fiber
Cone material		Water Proof Treated Paper
Surround material		Polycotton
Xmax (4)	mm (in.)	15,5 (0.61)
Xmech (5)	mm (in.)	24 (0.94)
Gap height	mm (in.)	14 (0.55)
Voice coil winding height	mm (in.)	38 (1.5)
Driver displacement volume	l (ft ³)	10,3 (0.36)

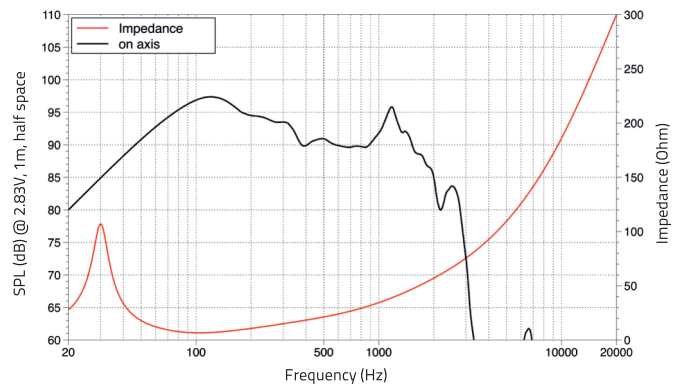
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	5,2
Resonance frequency	Fs	Hz	30
Moving mass	Mms	g (oz)	388 (13.69)
Compliance	Cms	mm/N	0,06
Force factor	BxL	N/A	39,0
Mechanical Q-factor	Qms		5,5
Electrical Q-factor	Qes		0,28
Total Q-factor	Qts		0,26
Equivalent air volume	Vas	l (ft ³)	226 (7.98)
Voice coil Inductance	Le	mH	4,70
Diaphragm area	Sd	cm ² (in. ²)	1661 (257.46)
Reference efficiency	Eta 0	%	2,90

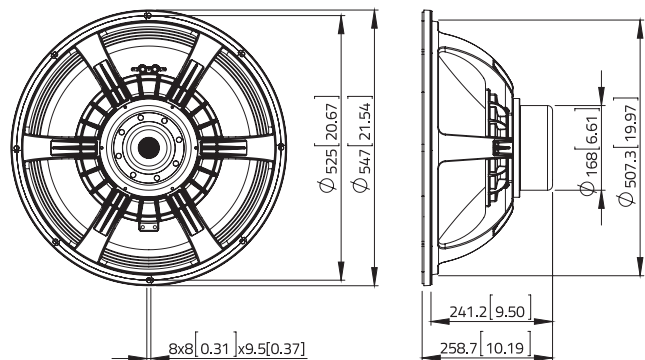
SHIPPING INFORMATION

Net weight	kg (lb.)	15,2 (33.4)
Multipack size (1)	mm	642 x 642 x 302
W x D x H	(in.)	(25.3 x 25.3 x 11.9)
Multipack weight	kg (lb.)	20,7 (45.5)

FREQUENCY RESPONSE



DIMENSIONS mm (in.)



(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(Hvc - Hg)/2 + (Hg - 2)$. Hvc is the voice coil height and Hg the gap height. (6) Thiele-Small parameters are measured after preconditioning: a) at 20°C - 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All specifications subject to change without notice_B.a

